

Site Controller

URL Reference Guide

Date: June 7, 2021

Version: 2.02.00



Verifone®

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Revision History

Date	Description
09/06/2017	Converted document from Sapphire to Site Controller to include Commander.
01/10/2018	Added a Viewing Mobile Reports section.
12/02/2020	Updated to Base 51 and Base 52.
06/07/2021	Updates to Base53. Adding commands that should have been included in previous releases. Reorganize document to call out Utility and Init operations.

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1

Introduction

The *Site Controller URL Reference* provides a detailed reference for using the Hyper-Text Transfer Protocol (HTTP) for performing Site Controller maintenance and reporting functions.

The Informational and Credential Management Functions are contained in this chapter, which describes the HTTP GET commands used to retrieve information about the Site Controller system and to manage the credentials used to access system functions.

Note: For URLs with more than one format, alternate URLs are listed. For readability, URLs are presented on two lines, but are entered as one continuous string.

Note: The document references HTTP in many sections and examples. The Commander supports HTTPS for connectivity for the same calls. The use of HTTPS is preferred for PDK calls.

Glossary of Terms

The following terms and definitions will assist the reader with understanding the content of the Site Controller URL Reference.

Glossary of Terms		
Term	URL Syntax	Definition
Site Controller	{site-controller_IP}	A generic term for Sapphire and Commander and applies to both.
Commander	{commander_IP}	It is the new generation of the Verifone Site Controller. The Commander specifically operates with the Ruby2 and the Topaz POS workstations.
Sapphire	n/a	Sapphire is the legacy generation of the Verifone Site Controller. Sapphire is an End-of-Life product as of June 25, 2020. References to Sapphire in the URL Reference are due to the use of "sapphire" as namespace definitions, or for identifying deprecated items.

Informational Functions

This section describes the commands used to retrieve information about the Site Controller system.

vAppInfo

Description

View the document that describes the version numbers for the component suites and applications currently active on Site Controller.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vAppInfo`

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `appInfo`

Credential Management Functions

This section contains specifications for using the HTTP GET commands to manage the credentials used to access system functions.

validate

Description

Given a user name and a password, return a credential from the Site Controller that allows access to other system functions. The other functions that can be accessed are controlled by an Access Control List (ACL) determined by the roles the user is allowed to play.

Note: *Do not request more than one "cookie" per login even in a multi-threaded application; share the cookie across the threads. Best practice is to release the credential when it is no longer required; the system has a maximum of seventy cookies in use at a given time. Cookies expire based on an inactivity timer or if the system drops the oldest to preserve the cookie limit.*

Note: *Each <Function> listed in the validate document will indicate if a One-Time Password is needed to view or update the dataset. The element is <OTPRequired>false</OTPRequired>.*

URL Syntax

https://{site-controller_IP}/cgi-bin/CGILink?cmd=validate&user={user}&passwd={passwd}

Usage

- user: User Name
- passwd: Password

Locator

- XML Schema Document—credential.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: credential

ufunctionlist

Description

Given a cookie, return an updated credential from the Site Controller that allows access to other system functions. The other functions that can be accessed are controlled by an Access Control List (ACL) determined by the roles the user is allowed to play. Typically, this command is used to refresh the functions a user can perform after changing the password (when the password has expired).

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=ufunctionlist&cookie={cookie}`

Usage

cookie: Credential valid for this session

Locator

- XML Schema Documents—credential.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: credential

releaseCredential

Description

Release and remove the credential associated with the designated cookie.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=releaseCredential&cookie={cookie}`

Usage

cookie: Credential valid for this session

Locator

- XML Schema Documents—RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

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Reports

This chapter describes the HTTP GET commands used to retrieve lists of available reports and to view the reports.

Retrieving Report Availability Lists

This section contains specifications for using the HTTP GET commands to retrieve lists of available transaction logs and other Site Controller reports.

vtlogpdlist

Description

Get a list of all transaction logs (by period: 1, 2) available for all period types. The returned entries can each be used in a "filename" value in a subsequent call.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vtlogpdlist&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—none
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: periodList

vcashierpdlist

Description

Get a list of all the cashier report periods the currently signed in user can access.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vcashierpdlist&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—none
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: periodList

vpayrollpdlist2

Description

Get a list of all the payroll report periods available.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vpayrollpdlist2&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—none
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: periodList

vcwpaypointpdlist

Description

Get a list of all the car wash pay point report periods available.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vcwpaypointpdlist&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—none
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: periodList

vreportpdlist

Description

Get a list of available reports for all vrubyrept reports (period: 1-4). The returned entries can each be used in a “filename” value in a subsequent call.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vreportpdlist&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—none
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: periodList

vviperpdlist

Description

Get a list of all viper report periods available.

URL Syntax

https://{site-controller_IP}/cgi-bin/CGILink?cmd=vviperpdlist&cookie={cookie}

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document - credential.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root Element: periodList

***Note:** Only use the vs:period/@sysid='2' entries when requesting Viper reports (vviperrept)*

vattendantpdlist

Description

Get the report period list for a particular employee for full-service fuel attendant report periods.

URL Syntax

https://{site-controller_IP}/cgi-bin/CGILink?cmd=vattendantpdlist&cookie={cookie}

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- credential.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: periodList

vreportlist

Description

View Report List of available reports.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vreportlist&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document— `vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `reports`

ureportlist

Description

Update the Report List. Update the order of available reports.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=ureportlist&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document— `vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `reports`

vreportcfg

Description

View the Report Configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vreportcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document— `vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `reportConfig`

ureportcfg

Description

Update the Report Configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=ureportcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document— `vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `reportConfig`

Viewing VIPER Reports

This section contains specifications for using the HTTP GET commands to retrieve lists of available transaction logs and other VIPER reports.

vviperrept/batchTotals

Description

View viper batch totals for a specific terminal batch and FEP. Only use the vs:period/@sysid='2' entries from the period list.

URL Syntax

https://{site-controller_IP}/cgi-bin/
CGILink?cmd=vviperrept&reptname=batchTotals&fepname={fepname}&terminalbatchnum={terminalbatchnum}&cookie={cookie}

Usage

fepname: Use value returned by vviperpdlist (reportParameter name="fep")

terminalbatchnum: Use value returned by vviperpdlist (reportParameter name="terminalbatchnum")

cookie: Credential valid for this session.

Locator

- XML Schema Document - reportData.xsd
- Namespace: urn:vfi-viper.nwbasetypes.2011-05-09
- Root Element: reportData

vviperrept/loyaltyTotals

Description

View viper loyalty totals for a specific terminal batch and FEP. Only use the vs:period/@sysid='2' entries from the period list.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vviperrept&reptname=loyaltyTotals&fepname={fepname}&terminalbatchnum={terminalbatchnum}&cookie={cookie}
```

Usage

fepname: Use value returned by vviperpdlist (reportParameter name="fep")
terminalbatchnum: Use value returned by vviperpdlist (reportParameter name="terminalbatchnum")
cookie: Credential valid for this session.

Locator

- XML Schema Document - reportData.xsd
- Namespace: urn:vfi-viper.nwbasetypes.2011-05-09
- Root Element: reportData

vviperrept/paymentTotals

Description

View viper payment totals (Terminal, Host and Card Type) for a specific terminal batch and FEP. Only use the vs:period/@sysid='2' entries from the period list.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vviperrept&reptname=paymentTotals&fepname={fepname}&terminalbatchnum={terminalbatchnum}&cookie={cookie}
```

Usage

fepname: Use value returned by vviperpdlist (vs:period/@sysid='2')
terminalbatchnum: Use value returned by vviperpdlist (vs:period/@sysid='2')
cookie: Credential valid for this session.

Locator

- XML Schema Document - reportData.xsd
- Namespace: urn:vfi-viper.nwbasetypes.2011-05-09
- Root Element: reportData

vviperrept/prepaidTotals

Description

View viper prepaid totals for a specific terminal batch and FEP. Only use the vs:period/@sysid='2' entries from the period list.

URL Syntax

`https://{site-controller_IP}/cgi-bin/
CGILink?cmd=vviperrept&reptname=prepaidTotals&fepname={fepname}&terminalbatchnum={terminalbatchnum}&cookie={cookie}`

Usage

fepname: Use value returned by vviperpdlist (reportParameter name="fep")
terminalbatchnum: Use value returned by vviperpdlist (reportParameter name="terminalbatchnum")
cookie: Credential valid for this session.

Locator:

- XML Schema Document - reportData.xsd
- Namespace: urn:vfi-viper.nwbasetypes.2011-05-09
- Root Element: reportData

Viewing Mobile Reports

This section contains specifications for using the HTTP GET commands to retrieve lists of available Mobile transaction logs and other Mobile reports.

vmobilereportcategorylist

Description

View the list of available report categories. Currently, there are only three categories available:

- Terminal Batch Detail - This report includes transaction data from all the MPPAs.
- Report by Host - This report includes information about one specific Mobile Adapter.
- Above Site Loyalty Report - View all above site loyalty, above site are loyalty are discounts provided by the Mobile Host, it may or may not be tied to a Loyalty Host, Mobile hosts can provide discount based on digital offers or other discount mechanisms.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd= vmobilereportcategorylist
&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document - MobileReportData.xsd
- Namespace: urn:vfi-psc-mobile.2014-02-20
- Root Element: XPath: /MobileData/ReportCategories

vmobilehostlist

Description

View list of Adapters and Mobile Hosts currently configured and by program name. The program name is manually configured at the site. It is currently defined as alphanumeric.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd= vmobilehostlist &cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document - MobileReportData.xsd
- Namespace: urn:vfi-psc-mobile.2014-02-20
- Root Element: XPath: /MobileData/HostList

vmobilereportlist

Description

View list of reports available for the host provided.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd= vmobilereportlist
&cookie={cookie} &hostName={hostName}`

Usage

cookie: Credential valid for this session.

hostName: Must be populated with a valid hostName. The hostName can be retrieved using the command vmobilehostlist. One of the valid “HostName” attributes defined under the “Host” element can be provided. If no host name is provided, the report will contain information about all hosts.

(XPath: /MobileData/HostList/Host/@HostName)

Locator

- XML Schema Document - MobileReportData.xsd
- Namespace: urn:vfi-psc-mobile.2014-02-20
- Root Element: XPath: /MobileData/ReportList

vmobilereport

Description

View data for one Mobile Host. Only transactions processed by the mobile host selected will be retrieved.

URL Syntax

https://{site-controller_IP}/cgi-bin/CGILink?cmd= vmobilereport
&cookie={cookie}&hostName={hostName}&reportName={reportName}&filename={filename}

Usage

cookie: Credential valid for this session.

hostName: Must be populated with a valid hostName. The hostName can be retrieved using the command vmobilehostlist. One of the valid “HostName” attributes defined under the “Host” can be provided. If no host name is provided, the report will contain information for all the hosts.

(XPath: /MobileData/HostList/Host/@HostName)

filename: One of the periods retrieved in the command vmobilereportlist.

Note: *Even though the command vmobilereportlist reports the information as PeriodValue, the field contains the filename.*

(XPath: /MobileData/ReportList/Report/PeriodList/PeriodValue)

reportName: One of the report names provided in the response to the vmobilereportlist command.

(XPath: /MobileData/ReportList/Report/@ReportName)

Locator

- XML Schema Document - MobileReportData.xsd
- Namespace: urn:vfi-psc-mobile.2014-02-20
- Root Element: XPath: /MobileData/ReportData

Viewing Reports Based on Transaction Logs

This section contains specifications for using the HTTP GET commands to view reports based on Site Controller transaction logs.

Note: *Commander software is PA-DSS compliant, the commands "vtransset" and "vtranssetz" will return masked account numbers and expiration date in the Transaction Log.*

vtransset

Description

View the designated transaction log document from Commander Site Controller

URL Syntax

https://{commander_IP}/cgi-bin/
CGILink?cmd=vtransset&period={period}&filename={filename}&cookie={cookie}

https://{commander_IP}/cgi-bin/
CGILink?cmd=vtransset&period={period}&reptnum={reptnum}&cookie={cookie}

Usage

filename: must be date.seq, e.g. 2004-03-29.001

filename: use value returned from vtlogpdlist

period: [1,2]

reptnum: [1 = current. 2 = most recently closed, 3 = next most recently closed, 4 = etc...]

cookie: Credential valid for this session.

Locator

- XML Schema Document - transset.xsd
- Namespace: none
- Root Element: transSet

vtranssetz

Description

View the designated transaction log document from Commander Site Controller. The returned document is in gzip format.

URL Syntax

`https://{commander_IP}/cgi-bin/
CGILink?cmd=vtranssetz&period={period}&filename={filename}&cookie={cookie}`

`https://{commander_IP}/cgi-bin/
CGILink?cmd=vtranssetz&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: must be date.seq, e.g. 2004-03-29.001

fielname: use value returned from vtlogpdlist

period: [1,2]

reptnum: [1 = current. 2 = most recently closed, 3 = next most recently closed, 4 = etc...]

cookie: Credential valid for this session.

Locator

- XML Schema Document - transset.xsd
- Namespace: none
- Root Element: transSet

vposjournal

Description

View the designated POS Journal document from Commander Site Controller

URL Syntax

https://{commander_IP}/cgi-bin/
CGILink?cmd=vposjournal&period={period}&filename={filename}&cookie={cookie}

https://{commander_IP}/cgi-bin/
CGILink?cmd=vposjournal&period={period}&reptnum={reptnum}&cookie={cookie}

Usage

filename: must be date.seq, e.g. 2004-03-29.001 filename: use value returned from vtlogpddlist period: [1,2]

reptnum: [1 = current. 2 = most recently closed, 3 = next most recently closed, 4 = etc...]

cookie: Credential valid for this session.

Locator

- XML Schema Document - NAXML-POSJournal.xsd*
- Namespace: none
- Root Element: NAXML-POSJournal

Note: **Must be obtained from Conexxus.*

Viewing Database Reports

This section contains specifications for using the HTTP GET commands to view reports calculated on the Site Controller.

Note: It is recommended that you use the *filename* parameter instead of *reptnum*.

vcashierrept

Description

View the cashier report for a given cashier period, register, and cashier.

URL Syntax

https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vcashierrept&filename={filename}&cookie={cookie}&cashierNum={cashier
number}®Num={register number}

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

cashierNum: Cashier number

regNum: Register used

cookie: Credential valid for this session

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: cashierPd

vesafecashierrept

Description

View the cashier specific electronic safe report for a given cashier period, register, and cashier.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vesafecashierrept&filename={filename}&cookie={cookie}&cashierNum={cashier  
number}&regNum={register number}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

cashierNum: Cashier number

regNum: Register used

cookie: Credential valid for this session

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: eSafeCashierPd

vrubyrept/summary

Description

View the summary report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=summary&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=summary&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential valid for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: summaryPd

vrubyrept/department

Description

View the department sales report for a given period and period type.

URL Syntax

`https://site-controller_IP/cgi-bin/CGILink?`

`cmd=vrubyrept&reptname=department&period={period}&filename={filename}&cookie={cookie}`

`https://{site-controller_IP}/cgi-bin/CGILink?`

`cmd=vrubyrept&reptname=department&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: Use value returned from vreportpdlist

filename: must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential valid for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: departmentPd

vrubyrept/eCheck

Description

View the eCheck report for a given period and period type.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?`

`cmd=vrubyrept&reptname=eCheck&period={period}&filename={filename}&cookie={cookie}`

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vrubyrept&reptname=eCheck&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: eCheckPd

vrubyrept/tax

Description

View the tax report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=tax&period={period}&filename={filename}&filenameEnd={filename}  
&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=tax&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Note: *FilenameEnd is used to specify a period range to process the reports.*

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: taxPd

vrubyrept/hourly

Description

View the hourly sales report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=hourly&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=hourly&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: hourlyPd

vrubyrept/network

Description

View the network report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=network&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=network&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: networkPd

vrubyrept/deal

Description

View the summary level deal (mix-match and combo) report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=deal&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=deal&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: dealPd

vrubyrept/plu

Description

View the PLU (price look-up code) sales report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=plu&period={period}&filename={filename}&filenameEnd={filename}  
&reptDept={reptnum}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=plu&period={period}&reptnum={reptnum}  
&reptDept={reptDept}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

reptDept: Department number.

cookie: Credential for this session.

Note: *filenameEnd* is used to specify a period range to process the reports;
reptDept applies specifically to the PLU report—only PLUs belonging to the
specified department will be in the report.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace—urn:vfi-sapphire:pd.2002-05-21
- Root element—pluPd

vrubyrept/category

Description

View the category sales report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=category&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=category&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace—urn:vfi-sapphire:pd.2002-05-21
- Root element—categoryPd

vrubyrept/cashAcc

Description

View the cash acceptor report for a given period and period type.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=cashAcc&period={period}&filename={filename}&cookie={cookie}`

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=cashAcc&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: cashAccPd

vrubyrept/carWash

Description

View the car wash report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=carWash&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vrubyrept&reptname=carWash&period={period}&reptnum={reptnum}  
&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: carWashPd

vrubyrept/propCard

Description

View the proprietary card report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=propCard&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=propCard&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: propCardPd

vrubyrept/propProd

Description

View the proprietary card network report by product code for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=propProd&period={period}&filename={filename}  
&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=propProd&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: propProdPd

vrubyrept/moneyOrderDev

Description

View the money order (device totals) report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=moneyOrderDev&period={period}&filename={filename}  
&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=moneyOrderDev&period={period}&reptnum={reptnum}  
&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: moDevicePd

vrubyrept/cwPaypoint

Description

View the car wash pay point activity for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=cwPaypoint&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vrubyrept&reptname=cwPaypoint&period={period}  
&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: cwPaypointPd

vrubyrept/esafeeod

Description

View the electronic safe end of day report for a given period and period type.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?`

`cmd=vrubyrept&reptname=esafeeod&period={period}&filename={filename}&cookie={cookie}`

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vrubyrept&reptname=esafeeod&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: eSafeDayPd

vrubyrept/esafecontent

Description

View the electronic safe content report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=esafecontent&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vrubyrept&reptname=esafecontent&period={period}  
&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: eSafeContentPd

vrubyrept/allProd

Description

View the All Network Product report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=allProd&period={period}&filename={filename}&cookie={c  
ookie}
```

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vrubyrept&reptname=allProd&period={period}  
&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist filename: Must be date.seq, e.g.
2004-03-29.001 period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 =
etc.]

cookie: Credential for this session.

Locator

- XML Schema Document-periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: allProdPd

vrubyrept/loyalty

Description

View the Loyalty summary level report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=loyalty&period={period}&filename={filename}&cookie={c  
ookie}
```

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vrubyrept&reptname=loyalty&period={period}  
&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist filename: Must be date.seq, e.g.
2004-03-29.001 period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 =
etc.]

cookie: Credential for this session.

Locator

- XML Schema Document-periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: loyaltyPd

vrubyrept/netProd

Description

View the Network Product report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=netProd&period={period}&filename={filename}&cookie={c  
ookie}
```

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vrubyrept&reptname=netProd&period={period}  
&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist filename: Must be date.seq, e.g.
2004-03-29.001 period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 =
etc.]

cookie: Credential for this session.

Locator

- XML Schema Document-periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: netProdPd

vrubyrept/pluPromo

Description

View the PLU Promo report for a given period and period type. The totals are for PLUs discounted by the legacy PLU Promo feature and not the Deal or NAXML Promotions feature on Commander.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=pluPromo&period={period}&filename={filename}&cookie=  
{cookie}
```

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vrubyrept&reptname=pluPromo&period={period}  
&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist filename: Must be date.seq, e.g. 2004-03-29.001 period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document-periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: pluPromoPd

vattendantrept

Description

View the full-service attendant report for a given cashier period, and cashier.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vattendantrept&filename={filename}&cookie={cookie}&cashierNum={cashier  
number}&regNum={register number}
```

Usage

filename: Use value returned from vreportpdlist filename: Must be date.seq, e.g.

2004-03-29.001 cashierNum: Cashier number

regNum: Register used

cookie: Credential valid for this session

Locator

- XML Schema Document-periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: attendantPd

vcashiertrackingrept

Description

View the Cashier Tracking report for a given cashier period, and cashier.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vcashiertrackingrept&filename={filename}&cookie={cookie}&cashierNum={cash  
ier number}&regNum={register number}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vcashiertrackingrept&period={period}&reptnum={reptnum}&cookie={cookie}&c  
ashierNum={cashier number}&regNum={register number}
```

Usage

filename: Use value returned from vreportpdlist filename: Must be date.seq, e.g.
2004-03-29.001 cashierNum: Cashier number

regNum: Register used

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 =
etc.]

cookie: Credential valid for this session

Locator

- XML Schema Document-periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: cashierTracking

Viewing Fuel Reports

This section contains specifications for using the HTTP GET commands to view fuel-related reports.

vrubyrept/popDisc

Description

View the POP fuel discount report for a given period and period type. The totals are summary level POP totals.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=popDisc&period={period}&filename={filename}&cookie={cookie}`

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=popDisc&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: popDiscPd

vrubyrept/dcrStat

Description

View the DCR statistics report for a given period and period type.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=dcrStat&period={period}&filename={filename}&cookie={cookie}`

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=dcrStat&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: dcrstPd

vrubyrept/fpHoseTest

Description

View the hose test by fueling position report for a given period and period type.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=fpHoseTest&period={period}&filename={filename}&cookie={cookie}`

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=fpHoseTest&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: fptHosePd

vrubyrept/fpHose

Description

View the fuel hose report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=fpHose&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=fpHose&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: fpHosePd

vrubyrept/fpHoseRunning

Description

View the Fuel Hose Running Report.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=fpHoseRunning&period={period}&filename={filename}  
&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=fpHoseRunning&period={period}&reptnum={reptnum}  
&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: fpHoseRunningPd

vrubyrept/prPriceLvl

Description

View the fuel activity by product/price level for a given period and period type.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=prPriceLvl&period={period}&filename={filename}&cookie={cookie}`

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=prPriceLvl&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: prPriceLvlPd

vrubyrept/slPriceLvl

Description

View the fuel activity by service-level/price-level for a given period and period type.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?`

`cmd=vrubyrept&reptname=slPriceLvl&period={period}&filename={filename}&cookie={cookie}`

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vrubyrept&reptname=slPriceLvl&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: slPriceLvlPd

vrubyrept/tierProduct

Description

View the fuel activity by tier/product for a given period and period type.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=tierProduct&period={period}&filename={filename}&cookie={cookie}`

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=tierProduct&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: tierProductPd

vrubyrept/autoCollect

Description

View the fuel auto-collect report for a given period and period type.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=autoCollect&period={period}&filename={filename}&cookie={cookie}`

`https://{site-controller_IP}/cgi-bin/CGILink?
cmd=vrubyrept&reptname=autoCollect&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: autoCollectPd

vrubyrept/tank

Description

View the fuel tank report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=tank&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=tank&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: tankPd

vrubyrept/tankMonitor

Description

View the fuel tank monitor report (device totals) for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=tankMonitor&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=tankMonitor&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: tankMonitorPd

vrubyrept/tankRec

Description

View the tank reconciliation report for a given period and period type. This report reconciles between fuel tank report and tank monitor report.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=tankRec&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=tankRec&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: tankRecPd

vfueltotals

Description

View fuel dispenser (device totals) report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vfueltotals&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vfueltotals&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—vsmsFuel.xsd
- Namespace: urn:vfi-sapphire:fuel.2001-10-01
- Root element: fuelTotals

vfueltotalsz

Description

View fuel dispenser (device totals) report for a given period and period type. The returned document is in gzip format.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vfueltotalsz&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vfueltotalsz&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document—vsmsFuel.xsd
- Namespace: urn:vfi-sapphire:fuel.2001-10-01
- Root element: fuelTotals

vrubyrept/blendProduct

Description

View the Blend Product report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=blendProduct&period={period}&filename={filename}&cook  
ie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vrubyrept&reptname=blendProduct&period={period}  
&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist filename: Must be date.seq, e.g.
2004-03-29.001 period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 =
etc.]

cookie: Credential for this session.

Locator

- XML Schema Document-periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: blendPd

vrubyrept/fpDispenser

Description

View the Electronic Dispenser report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=fpDispenser&period={period}&filename={filename}&cooki  
e={cookie}
```

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vrubyrept&reptname=fpDispenser&period={period}  
&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist filename: Must be date.seq, e.g.
2004-03-29.001 period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 =
etc.]

cookie: Credential for this session.

Locator

- XML Schema Document-periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: fpDispenserPd

vrubyrept/popDef

Description

View the POP fuel discount definition report for a given period and period type. The totals are broken down by POP Discount Definition record.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=popDef&period={period}&filename={filename}&cookie={c  
ookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=popDef&period={period}&reptnum={reptnum}&cookie={c  
ookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001 period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document-periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: popDefPd

vrubyrept/popdiscprgmrpt

Description

View the POP Discount Program report for a given period and period type. The totals are broken down by POP Discount Program record.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=popdiscprgmrpt&period={period}&filename={filename}&co  
okie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=popdiscprgmrpt&period={period}&reptnum={reptnum}&co  
okie={cookie}
```

Usage

filename: Use value returned from vreportpdlist

filename: Must be date.seq, e.g. 2004-03-29.001 period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document-periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: popDiscPrgmPd

Viewing Car Wash Pay Point Reports

vcwpaypointpdrept

Description

View the car wash pay point reconciliation data.

URL Syntax

`https://{site-controller_IP}/cgi-bin/
CGILink?cmd=vcwpaypointpdrept&filename={filename}&cookie={cookie}`

Usage

filename: Use value returned from vcwpaypointpdlist

filename: Must be date.seq, e.g. 2004-03-29.001

cookie: Credential for this session.

Locator

- XML Schema Document—periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: cwPaypointReconciliation

3

Maintenance Functions

This chapter contains specifications for using the HTTP GET commands to view system maintenance reports and POST commands to perform system maintenance functions.

Note: *GET command names begin with a 'v'; POST command names begin with a 'u'.*

vecheckcfg

Description

To view the electronic check configuration.

URL Syntax

https:// {commander_IP}/cgi-bin/CGILink?cmd=vecheckcfg&cookie={cookie}

Usage

cookie: Credential valid for the session.

Locator

- XML Schema Documents - echeckConfig.xsd
- Namespace: urn:vfi-sapphire:np.echeck.2005-09-01
- Root element: eCheckConfig

uecheckcfg

Description

To update the electronic check configuration.

URL Syntax

https:// {commander_IP}/cgi-bin/CGILink?cmd=uecheckcfg&cookie={cookie}

Usage

cookie: Credential valid for the session.

Locator

- XML Schema Documents - echeckConfig.xsd
- Namespace: urn:vfi-sapphire:np.echeck.2005-09-01
- Root element: eCheckConfig

vdcrunattendedcfg

Description

To view the DCR Unattended configuration document.

URL Syntax

`https:// {commander_IP}/cgi-bin/CGILink?cmd=vdcrunattendedcfg&cookie={cookie}`

Usage

cookie: Credential valid for the session.

Locator

- XML Schema Documents - pscDCRConfig.xsd
- Namespace: urn:vfi-psc:dcr.2012-04-10
- Root element: dcrUnattendedConfig

udcrunattendedcfg

Description

To update the DCR Unattended configuration document.

URL Syntax

`https:// {commander_IP}/cgi-bin/CGILink?cmd=udcrunattendedcfg&cookie={cookie}`

Usage

cookie: Credential valid for the session.

Locator

- XML Schema Documents - pscDCRConfig.xsd
- Namespace: urn:vfi-psc:dcr.2012-04-10
- Root element: dcrUnattendedConfig

umanagedcfg

Description

Allows for the "staging of" PLUs/Items and the site decides when to commit the changes based on a separate POS action. When the first request of staged changes is posted to the Commander, a message is displayed on the POS alerting the site that changes are pending. Until the site takes action, the message remains on the POS display. Also, subsequent changes can be posted. This command supports posting both Verifone and NAXML datasets based on the subcmd.

URL Syntax

```
https://{commander_IP}/cgi-bin/CGIUplink?  
cmd=umanagedcfg&subcmd=plu&cookie={cookie}
```

```
https://{commander_IP}/cgi-bin/NAXML?  
cmd=umanagedcfg&subcmd=Item&cookie={cookie}
```

Usage

subcmd: Must be 'plu' or 'Item'

cookie: Credential valid for this session.

Locator

Note: *Locator contains Verifone schema only. All other NAXML schemas must be obtained from Connexus.*

- XML Schema Document-PLUs.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: PLUs

vmanagedcfgstatus

Description

Returns a list of pending changes that will take affect the next time the site decides to accept the changes on the POS.

URL Syntax

https://{commander_IP}/cgi-bin/CGIlink? cmd=umanagedcfgstatus&cookie={cookie}

Usage

cookie: Credential valid for this session.

Locator

Note: *Locator contains Verifone schema only. All other NAXML schemas must be obtained from Conexxus.*

- XML Schema Document-vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: managedUpdateInfo

uscreencfg

Description

Update the screen configuration document.

URL Syntax

https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uscreencfg&cookie={cookie}

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-screencfg.xsd
- Namespace: no namespace
- Root element: screencfg

vinhouseacctcfg

Description

View the house account document. Contains account numbers and names for In House accounts.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vinhouseacctcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-houseAcctConfig.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: houseAcctConfig

uinhouseacctcfg

Description

Update the house account document. Contains account numbers and names for In House accounts.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=uinhouseacctcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-houseAcctConfig.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: houseAcctConfig

vuseradmin

Description

View the user document, including users and user roles and permissions.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vuseradmin&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `userConfig`

uuseradmin

Description

Site Controller user administration—updates the user document, including users and user roles and permissions.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uuseradmin&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `userConfig`

vsapphireprop

Description

View the Site Controller properties document (for technical personnel only).

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vsapphireprop&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—none
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: sapphireProperties

usapphireprop

Description

Update the Site Controller properties document (for technical personnel only).

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=usapphireprop&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—none
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: sapphireProperties

vfuelcfg

Description

View the fuel configuration document on Commander, including service modes, tanks, blends, fueling positions, hose assignments and grade pricing.

URL Syntax

`https://{commander_IP}/cgi-bin/CGILink?cmd=vfuelcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document - pscFuelConfig.xsd
- Namespace: urn:vfi-psc:fuel.2013-02-08
- Root Element: fuelConfig

ufuelcfg

Description

Update the fuel configuration document on Commander, including service modes, tanks, blends, fueling positions, hose assignments and grade pricing.

URL Syntax

`https://commander/cgi-bin/CGILUplink?cmd=ufuelcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document - pscFuelConfig.xsd
- Namespace: urn:vfi-psc:fuel.2013-02-08
- Root Element: fuelConfig

vfuelrtcfcg

Description

To view the currently in-effect fuel configuration at the time of the request.

URL Syntax

`https://{commander_IP}/cgi-bin/CGILink?cmd=vfuelrtcfcg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Documents - pcsFuelConfig.xsd
- Namespace: urn:vfi-psc:fuel.2013-02-08
- Root element: fuelConfig

vfuelrtpricescfg

Description

To view the currently in-effect fuel prices configuration at the time of the request.

URL Syntax

`https://{commander_IP}/cgi-bin/CGILink?cmd=vfuelrtpricescfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Documents - vsmsFuel.xsd
- Namespace: urn:vfi-sapphire:fuel.2001-10-01
- Root element: fuelPrices

vpscdcrcfg

Description

View the DCR configuration document on Commander, which shows the headers, messages, and trailers for DCRs.

URL Syntax

`https://{commander_IP}/cgi-bin/CGILink?cmd=vpscdcrcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document - pscDCRConfig.xsd
- Namespace: urn:vfi-psc:dcr.2012-04-10
- Root Element: dcrConfig

upscdcrcfg

Description

Update the DCR configuration document on Commander, which shows the headers, messages, and trailers for DCRs.

URL Syntax

`https://{commander_IP}/cgi-bin/CGIUplink?cmd=upscdcrcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator:

- XML Schema Document - pscDCRConfig.xsd
- Namespace: urn:vfi-psc:dcr.2012-04-10
- Root Element: dcrConfig

vfepdetails

Description

View basic details about the available FEPs.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vfepdetails&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator:

- XML Schema Document - viperConfigImpl.xsd
- Namespace: core.viper.verifone.com.2011-11-08
- Root Element: fepDetails

vvipercfg

Description

View PMC's Site level Configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vvipercfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document - viperConfigImpl.xsd
- Namespace: core.viper.verifone.com.2011-11-08
- Root Element: viperConfig

uvipercfg

Description

Update PMC's site level configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uvipercfg&cookie={cookie}`

Usage:

cookie: Credential valid for this session.

Locator

- XML Schema Document - viperConfigImpl.xsd
- Namespace: core.viper.verifone.com.2011-11-08
- Root Element: viperConfig

vfepcfg

Description

View FEP's configuration, the command needs to be qualified with the fep name for which configuration is requested (see vfepdetails)

URL Syntax

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vfepcfg&fep={fepName}&cookie={cookie}
```

Usage:

fepName: Use at @FEP from vfepdetails

cookie: Credential valid for this session.

Locator

- XML Schema Document - viperConfigImpl.xsd
- Namespace: core.viper.verifone.com.2011-11-08
- Root Element: fepConfig

ufepcfg

Description

Update FEP's configuration, the command needs to be qualified with the fep name for which configuration is requested. (see vfepdetails)

URL Syntax

```
https://{site-controller_IP}/cgi-bin/  
CGIUplink?cmd=ufepcfg&fep={fepName}&cookie={cookie}
```

Usage

fepName: Use @fep from vfepdetails

cookie: Credential valid for this session.

Locator

- XML Schema Document - viperConfigImpl.xsd
- Namespace: core.viper.verifone.com.2011-11-08
- Root Element: fepConfig

vfepcardcfg

Description

View FEP's card table configuration, the command needs to be qualified with the fep name for which configuration is requested. This command may not be supported by all the FEPs. (see vfepdetails)

URL Syntax

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vfepcardcfg&fep={fepName}&cookie={cookie}
```

Usage

fepName: Use @fep from vfepdetails
cookie: Credential valid for this session.

Locator

- XML Schema Document - viperConfigImpl.xsd
- Namespace: core.viper.verifone.com.2011-11-08
- Root Element: fepCardTableConfig

ufepcardcfg

Description

Update FEP's card table configuration, the command needs to be qualified with the fep name for which configuration is requested. This command may not be supported by all the FEPs. (see vfepdetails)

URL Syntax

```
https://{site-controller_IP}/cgi-bin/  
CGIUplink?cmd=ufepcardcfg&fep={fepName}&cookie={cookie}
```

Usage

fepName: Use @fep from vfepdetails
cookie: Credential valid for this session.

Locator

- XML Schema Document - viperConfigImpl.xsd
- Namespace: core.viper.verifone.com.2011-11-08
- Root Element: fepCardTableConfig

vfepcardtypecfg

Description

View FEP's card type level configuration (the configuration applies to multiple card table entries which matches a particular type). The command needs to be qualified with the FEP name for which configuration is requested. This command may not be supported by all the FEPs. (see vfepdetails)

URL Syntax

https://{site-controller_IP}/cgi-bin/
CGILink?cmd=vfepcardtypecfg&fep={fepName}&cookie={cookie}

Usage

fepName: Use @fep from vfepdetails
cookie: Credential valid for this session.

Locator

- XML Schema Document - viperConfigImpl.xsd
- Namespace: core.viper.verifone.com.2011-11-08
- Root Element: fepCardTypeConfig

ufepcardtypecfg

Description

Update FEP's card type level configuration (the configuration applies to multiple card table entries which matches a particular type). The command needs to be qualified with the fep name for which configuration is requested. This command may not be supported by all the FEPs. (see vfepdetails)

URL Syntax

https://{site-controller_IP}/cgi-bin/
CGIUplink?cmd=ufepcardtypecfg&fep={fepName}&cookie={cookie}

Usage

fepName: Use @fep from vfepdetails
cookie: Credential valid for this session.

Locator

- XML Schema Document - viperConfigImpl.xsd
- Namespace: core.viper.verifone.com.2011-11-08
- Root Element: fepCardTypeConfig

vregistercfg

Description

View the register parameter configuration document. Contains banner, log/slogan, check franking, menu, and soft key configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vregistercfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: registerConfig

uregistercfg

Description

View the register parameter configuration document: banner, logo/slogan, check frank line, menu keys, keyboard, and softkeys.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uregistercfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: registerConfig

vpaymentcfg

Description

View the payment configuration document. Contains method of payment (MOP) and fee details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vpaymentcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `paymentConfig`

upaymentcfg

Description

Update the payment configuration document: method of payment (MOP), fee, currency, tax rate, and break points.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=upaymentcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `paymentConfig`

vposcfg

Description

View the POS configuration document. Contains department, category, and product code details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vposcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `posConfig`

uposcfg

Description

Update the POS configuration document: department, category, and product code.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uposcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `posConfig`

vrestrictionscfg

Description

View the restrictions document. Contains age, blue-law, and PLU promotion restrictions.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vrestrictionscfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `restrictionsConfig`

urestrictionscfg

Description

Update the restrictions document. Contains age, blue-law (including time-of-day), and PLU Promo restrictions.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=urestrictionscfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `restrictionsConfig`

vpossecurity

Description

View the POS security document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vpossecurity&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: posSecurity

upossecurity

Description

Update the POS security document for security and employee control. Additional validation required for update.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=upossecurity&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: posSecurity

vrefinteg

Description

View the referential integrity document for validation of dataset configurations at the client end. Read-only, to be used as a reference for filling in other update documents.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vrefinteg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsRefInteg.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `referentialIntegrity`

vsalescfg

Description

View the sales operational parameters document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vsalescfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `salesConfig`

usalescfg

Description

Update the sales operational parameters configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=usalescfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `salesConfig`

vpopcfg

Description

View the POP fuel discount configuration document: headers, messages, and trailers for DCRs.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vpopcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `popConfig`

upopcfg

Description

Update the POP fuel discount configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=upopcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `popConfig`

vtlssite

Description

View the tank level sensor configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vtlssite&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `tlsSiteInfo`

utlssite

Description

Update the tank level sensor configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=utlssite&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `tlsSiteInfo`

vcarwashcfg

Description

View the car wash configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vcarwashcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: carWashConfig

ucarwashcfg

Description

Update the car wash configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ucarwashcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: carWashConfig

vcashaccsite

Description

View the cash acceptor configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vcashaccsite&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: cashAccSiteInfo

ucashaccsite

Description

Update the cash acceptor configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ucashaccsite&cookie={cookie}`

Usage

cookie: Credential valid for this session.

- XML Schema Document—vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: cashAccSiteInfo

vagevalidationcfg

Description

View the age validation (ID check) configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vagevalidationcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `ageValidationConfig`

uagevalidationcfg

Description

Update the age validation (ID check) configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uagevalidationcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `ageValidationConfig`

vbannercfg

Description

View the banner configuration document used to program customer display banners.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vbannercfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `bannerConfig`

ubannercfg

Description

Update the banner configuration document used to program customer display banners.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ubannercfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `bannerConfig`

vbluelawcfg

Description

View the blue law configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vbluelawcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `blueLawConfig`

ubluelawcfg

Description

Update the blue law configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ubluelawcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `blueLawConfig`

vdcrheadercfg

Description

View the DCR receipt header configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vdcrheadercfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `dcrHeaderConfig`

udcrheadercfg

Description

Update the DCR receipt header configuration document.

***Note:** This command only affects printing at the DCR, as opposed to **udcrcfg** which configures DCRs over the site.*

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=udcrheadercfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `dcrHeaderConfig`

vdcrmessagecfg

Description

View the DCR display message configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vdcrmessagecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `dcrMessageConfig`

udcrmessagecfg

Description

Update the DCR display message configuration document.

Note: *This command only affects displaying the fueling prompt at the DCR, as opposed to **udcrcfg** which configures DCRs over the site.*

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=udcrmessagecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `dcrMessageConfig`

vdcrtailercfg

Description

View the DCR receipt trailer message configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vdcrtailercfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: dcrTrailerConfig

udcrtailercfg

Description

Update the DCR receipt trailer message configuration document.

Note: *This command only affects printing at the DCR, as opposed to **udcrcfg** which configures DCRs over the site.*

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=udcrtailercfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: dcrTrailerConfig

vfeecfg

Description

View the fee configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vfeecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `feeConfig`

ufeeecfg

Description

Update the fee configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ufeeecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `feeConfig`

vlogocfg

Description

View the logo configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vlogocfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `logoConfig`

ulogocfg

Description

Update the logo configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ulogocfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `logoConfig`

vslogancfg

Description

View the slogan configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vslogancfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `sloganConfig`

uslogancfg

Description

Update the slogan configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uslogancfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `sloganConfig`

vtaxratecfg

Description

View the tax rate configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vtaxratecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `taxRateConfig`

utaxratecfg

Description

Update the tax rate configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=utaxratecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `taxRateConfig`

vdatetime

Description

View the current system date and time configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vdatetime&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `sysDateTime`

udatetime

Description

Update the system date and time configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=udatetime&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `sysDateTime`

vPLUs

Description

View PLU configuration document. The call for vPLUs must be done using an HTTP POST of the command. A payload XML must be included as part of the POST as defined in the PLUSelect element in the schema PLUs.xsd.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIPLULink?cmd=vPLUs&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Documents—PLUs.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: PLUSelect

uPLUs

Description

Update PLU configuration document on Site Controller.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIPLULink?cmd=uPLUs&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Documents—PLUs.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: PLUs

changepasswd

Description

Change the password for the user associated with a credential.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=changepasswd&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `passwdConfig`

vesafecfg

Description

View the electronic safe configuration document. Contains electronic safe configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vesafecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `eSafeConfig`

uesafecfg

Description

Update the electronic safe configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uesafecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `eSafeConfig`

vcwpaypointcfg

Description

View the car wash pay point configuration document. Contains car wash pay point configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vcwpaypointcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: cwPaypointConfig

ucwpaypointcfg

Description

Update the car wash pay point configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ucwpaypointcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: cwPaypointConfig

vFPDcfg

Description

View the Fuel Price Sign configuration document. Contains Fuel Price Sign configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vFPDcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsFuelPriceDisplay.xsd`
- Namespace: `urn:vfi-sapphire:fuelPriceDisplay.2005-03-15`
- Root element: `fuelPriceDisplay`

uFPDcfg

Description

Update the Fuel Price Sign configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uFPDcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsFuelPriceDisplay.xsd`
- Namespace: `urn:vfi-sapphire:fuelPriceDisplay.2005-03-15`
- Root element: `fuelPriceDisplay`

vfuelprices

Description

View the Fuel Price configuration document. Contains Fuel Price configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vfuelprices&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsFuel.xsd`
- Namespace: `urn:vfi-sapphire:fuel.2001-10-01`
- Root element: `fuelPrices`

ufuelprices

Description

Update the Fuel Price configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ufuelprices&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—`vsmsFuel.xsd`
- Namespace: `urn:vfi-sapphire:fuel.2001-10-01`
- Root element: `fuelPrices`

cfuelinit

Description

To fully initialize/download all configuration data and prices to the fuel dispensers.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=cfuelinit&cookie={cookie}`

Usage

cookie: Credential valid for this session

Locator

- XML Schema Documents—RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

cfuelprices

Description

To initialize/download fuel prices to the dispensers.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=cfuelprices&cookie={cookie}`

Usage

cookie: Credential valid for this session

Locator

- XML Schema Documents—RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

cdcrinit

Description

To initialize/download a specific or all Dispenser Card Reader(s).

URL Syntax

`https://{site-controller_IP}/cgi-bin/
CGILink?cmd=cdcrinit&fuelingposition={fuelpos}&cookie={cookie}`

Usage

fuelpos: A fueling position to initialize. To download all omit the fueling position completely.

cookie: Credential valid for this session

Locator

- XML Schema Documents—RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

cFPDinit

Description

To fully initialize/download all configuration data and prices to the fuel price sign.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=cFPDinit&cookie={cookie}`

Usage

cookie: Credential valid for this session

Locator

- XML Schema Documents—RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

vaptglobalcfg

Description

View the Attendant Payment Terminal (APT) Global configuration document. Contains APT configuration details. Used in Latin America countries only.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vaptglobalcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: aptGlobalConfig

uaptglobalcfg

Description

Update the Attendant Payment Terminal (APT) Global configuration document. Contains APT configuration details. Used in Latin America countries only.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uaptglobalcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: aptGlobalConfig

vaptterminalcfg

Description

View the Attendant Payment Terminal (APT) configuration document. Contains APT Terminal configuration details. Used in Latin America countries only.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vaptterminalcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: aptTerminalConfig

uaptterminalcfg

Description

Update the Attendant Payment Terminal (APT) configuration document. Contains APT Terminal configuration details. Used in Latin America countries only.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uaptterminalcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: aptTerminalConfig

vcashiertrackingcfg

Description

View Cashier Tracking Report configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vcashiertrackingcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: cashierTrackingConfig

ucashiertrackingcfg

Description

Update Cashier Tracking Report configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/
CGIUplink?cmd=ucashiertrackingcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: cashierTrackingConfig

vcharitycfg

Description

View Charity configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vcharitycfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: charityConfig

ucharitycfg

Description

Update Charity configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ucharitycfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: charityConfig

vcouponfamcfg

Description

View Coupon Family configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vcouponfamcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: couponFamilyConfig

ucouponfamcfg

Description

Update Coupon Family configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ucouponfamcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: couponFamilyConfig

vpaymentcfg

Description

View Payment configuration details. The document includes MopCodes, MOP, Currency, Fees, and Tax Rates in a single XML file.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vpaymentcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: paymentConfig

upaymentcfg

Description

Update Payment configuration details. The document includes MopCodes, MOP, Currency, Fees, and Tax Rates in a single XML file.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=upaymentcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: paymentConfig

vcurrencycfg

Description

View Currency configuration details. The document allows for the Currency subset of the Payment configuration to be manipulated independently from other Payment data.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vcurrencycfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: currencyConfig

ucurrencycfg

Description

Update Currency configuration details. The document allows for the Currency subset of the Payment configuration to be manipulated independently from other Payment data.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ucurrencycfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: currencyConfig

vmopcfg

Description

View MOP configuration details. The document allows for the MOP subset of the Payment configuration to be manipulated independently from other Payment data.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmopcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: mopConfig

umopcfg

Description

Update MOP configuration details. The document allows for the MOP subset of the Payment configuration to be manipulated independently from other Payment data.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=umopcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: mopConfig

vdcridlescreencfg

Description

View DCR Idle Screen configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vdcridlescreencfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- pscDCRConfig.xsd
- Namespace: `xmlns:dcr="urn:vfi-psc:dcr.2012-04-10"`
- Root element: `dcrIdleScreenConfig`

udcridlescreencfg

Description

Update DCR Idle Screen configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/
CGIUplink?cmd=udcridlescreencfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- pscDCRConfig.xsd
- Namespace: `xmlns:dcr="urn:vfi-psc:dcr.2012-04-10"`
- Root element: `dcrIdleScreenConfig`

vdiscountdenomcfg

Description

View Discount Denomination configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vdiscountdenomcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: discountConfig

udiscountdenomcfg

Description

Update Discount Denomination details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/
CGIUplink?cmd=udiscountdenomcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: discountConfig

vfueltaxex

Description

View Fuel Tax Exemption configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vfueltaxex&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: fuelTaxExemptConfig

ufueltaxex

Description

Update Fuel Tax Exemption details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ufueltaxex&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: fuelTaxExemptConfig

vgrouplist

Description

View Report Group List configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vgrouplist&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: groups

ugrouplist

Description

Update Report Group List details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ugrouplist&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: groups

vmaintfprht

Description

Obtain information about the Site Controller system. View Maintenance Fueling Point Running Hose Totals details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmaintfprht&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsMaintenance.xsd
- Namespace: urn:vfi-sapphire:np.gpmaint.2004-08-03
- Root element: maintenance

umaintfprht

Description

Update information about the Site Controller system. Update Maintenance Fueling Point Running Hose Totals details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=umaintfprht&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsMaintenance.xsd
- Namespace: urn:vfi-sapphire:np.gpmaint.2004-08-03
- Root element: maintenance

vmaintpostal

Description

Obtain information about the Site Controller system. View Maintenance Store Postal Code configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmaintpostal&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsMaintenance.xsd
- Namespace: urn:vfi-sapphire:np.gpmaint.2004-08-03
- Root element: maintenance

umaintpostal

Description

Update information about the Site Controller system. Update Maintenance Store Postal Code configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=umaintpostal&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsMaintenance.xsd
- Namespace: urn:vfi-sapphire:np.gpmaint.2004-08-03
- Root element: maintenance

vmaintregistration

Description

Obtain information about the Site Controller system. View Maintenance Store Registration Key details.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/  
CGILink?cmd=vmaintregistrationkey&cookie={cookie}
```

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsMaintenance.xsd
- Namespace: urn:vfi-sapphire:np.gpmaint.2004-08-03
- Root element: maintenance

umaintregistrationkey

Description

Update information about the Site Controller system. Update Maintenance Store Registration Key details.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/  
CGIUplink?cmd=umaintregistrationkey&cookie={cookie}
```

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsMaintenance.xsd
- Namespace: urn:vfi-sapphire:np.gpmaint.2004-08-03
- Root element: maintenance

vmainttelephone

Description

Obtain information about the Site Controller system. View Maintenance Store Telephone Number details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmainttelephone&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsMaintenance.xsd
- Namespace: urn:vfi-sapphire:np.gpmaint.2004-08-03
- Root element: maintenance

umainttelephone

Description

Update information about the Site Controller system. Update Maintenance Store Telephone Number details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=umainttelephone&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsMaintenance.xsd
- Namespace: urn:vfi-sapphire:np.gpmaint.2004-08-03
- Root element: maintenance

vmainttotalizers

Description

Obtain information about the Site Controller system. View Maintenance Totalizers details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmainttotalizers&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsMaintenance.xsd
- Namespace: urn:vfi-sapphire:np.gpmaint.2004-08-03
- Root element: maintenance

umainttotalizers

Description

Update information about the Site Controller system. Update Maintenance Totalizers details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=umainttotalizers&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsMaintenance.xsd
- Namespace: urn:vfi-sapphire:np.gpmaint.2004-08-03
- Root element: maintenance

vmenucfg

Description

View Menu configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmenucfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: menuConfig

umenucfg

Description

Update Menu configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=umenucfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: menuConfig

vclosetanecfg

Description

View Close Lane Configuration. Close lane message, image, background color and text color. Base53+ and C18 POS configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vclosetanecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: closeLaneCfg

uclosetanecfg

Description

Update Close Lane Configuration. Close lane message, image, background color and text color. Base53+ and C18 POS configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uclosetanecfg &cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: closeLaneCfg

vpanelcfg

Description

View POS Panel Configuration. Base53+ and C18 POS configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vpanelcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-screencfgv2.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-10-01
- Root element: panelCfg

upanelcfg

Description

Update POS Panel Configuration. Base53+ and C18 POS configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=upanelcfg &cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- screencfgv2.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-10-01
- Root element: panelCfg

vposscreencfg

Description

View POS touch screen configuration document. Base53+ and C18 POS configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vposscreencfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-screencfgv2.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-10-01
- Root element: screenCfg

uposscreencfg

Description

Update POS touch screen configuration document. Base53+ and C18 POS configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uposscreencfg &cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- screencfgv2.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-10-01
- Root element: screenCfg

vscreencfgv2

Description

View POS touch screen configuration document. Base53+ and C18 POS configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vposscreencfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-screencfgv2.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-10-01
- Root element: screenCfg

uscreencfgv2

Description

Update POS touch screen configuration document. Base53+ and C18 POS configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uposscreencfg &cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- screencfgv2.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-10-01
- Root element: screenCfg

vfoodservicefg

Description

View Food Service configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vfoodservicecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: foodServiceConfig

ufoodservicecfg

Description

Update Food Service configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=ufoodservicecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: foodServiceConfig

vmobilecfg

Description

View Mobile Configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmobilecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- SiteMobileConfig.xsd
- Namespace: urn:vfi-psc-mobile.2014-02-20
- Root element: siteMobileHostConfiguration

umobilecfg

Description

Update Mobile Configuration details.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=umobilecfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- SiteMobileConfig.xsd
- Namespace: urn:vfi-psc-mobile.2014-02-20
- Root element: siteMobileHostConfiguration

vpospaymentconfig

Description

View POS Payment Configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vpospaymentconfig&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document - PosPaymentConfig.xsd
- Namespace: urn:vfi-sapphire:np.network.indoorPaymentConfig.2014-02-26
- Root element: posPaymentConfig

upospaymentconfig

Description

Update POS Payment Configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/
CGIUplink?cmd=upospaymentconfig&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document - PosPaymentConfig.xsd
- Namespace: urn:vfi-sapphire:np.network.indoorPaymentConfig.2014-02-26
- Root element: posPaymentConfig

vsoftkeytypesecuritycfg

Description

View Softkey Type Security Config.

URL Syntax

https://{site-controller_IP}/cgi-bin/
CGILink?cmd=vsoftkeytypesecuritycfg&cookie={cookie}

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: softKeyTypeSecurityConfig

usoftkeytypesecuritycfg

Description

Update Softkey Type Security Config.

URL Syntax

https://{site-controller_IP}/cgi-bin/
CGIUplink?cmd=usoftkeytypesecuritycfg&cookie={cookie}

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: softKeyTypeSecurityConfig

vsiteassetdata

Description

View Site Asset Data document

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vsiteassetdata&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document- siteAssetData.xsd
- Namespace: urn:vfi-sapphire:asset.2009-04-09
- Root element: siteAssetData

4

Event Notification

Overview

Event notification is a feature of Site Controller, which enables the ability to have the Site Controller POST an Event Notification XML to a registered “listener”. The POST is completed via HTTP.

Note: HTTPS is not supported at this time.

The configuration of events requires that a user with `veventset`, `veventunset`, and `repeatEvent` function(s) is used to validate against the Site Controller and that the session “cookie” is used to perform the setup. As part of registering a listener (set event), it is required to specify a user that already exists on the Site Controller. The user needs sufficient privileges to complete the preferred task once the notification is received. After establishing this link between the user and the event notification server, also known as the “trusted relationship”, a password expiration is no longer an issue. This is due to the fact that the Site Controller creates a “cookie” based on the “linked” users permissions and is included in the event notification XML.

Note: The registered “listener” is a web server, which can accept a POST of XML, and is able to process the XML.

Locator

- XML Schema Documents---`vsmsEvents.xsd`
- Namespace: `urn:vfi-sapphire:event.2004-03-22`
- Root element: `fault`, `genericEvent`, `appStartEvent`, `rebootEvent`, `periodCloseEvent`, `csrAuditEvent`, `fuelInitEvent`, `listperipheralStatusEvent`, `salesDataEvent`, `mwsMgrAcceptedEvent`, `otpGeneratedEvent`

URL Ref

There are five commands for the event notification:

1. Event configuration added in Commander and allows for the viewing and updating of events. (veventcfg, ueventcfg)
2. Set an event notification (veventset). Command is still supported but was intended for Sapphire. Using veventcfg is recommended.
3. Remove an event notification (veventunset). Command is still supported but was intended for Sapphire. Using veventcfg is recommended.
4. Request a repeat of the last event. (repeatEvent)
5. Event history added in Commander to view recent event history by event type. (veventhistory)

veventcfg

Description

To view all current configured events on the system.

URL Syntax

https:// {commander_IP}/cgi-bin/CGILink?cmd=veventcfg&cookie={cookie}

Usage

cookie: Credential valid for the session.

Locator

- XML Schema Documents - vsmsEvents.xsd
- Namespace: urn:vfi-sapphire:event.2004-03-22
- Root element: eventTargetMap

ueventcfg

Description

To update the current configured events on the system.

URL Syntax

https://{commander_IP}/cgi-bin/CGILink?cmd=ueventcfg&cookie={cookie}

Usage

cookie: Credential valid for the session.

Locator

- XML Schema Documents - vsmsEvents.xsd
- Namespace: urn:vfi-sapphire:event.2004-03-22
- Root element: eventTargetMap

veventhistory

Description

To view the recent event history by event type.

URL Syntax

`https://{commander_IP}/cgi-bin/CGILink?cmd=veventhistory&cookie={cookie}`

Usage

cookie: Credential valid for the session.

Locator

- XML Schema Documents - vsmsEvents.xsd
- Namespace: urn:vfi-sapphire:event.2004-03-22
- Root element: eventHistory

vsetevent

URL Syntax

`https://site-controller_IP/cgi-bin/CGILink?cmd=veventset&URL={URL}&username={username}&alias={alias}&eventType={eventType}&cookie={cookie}`

Usage:

URL: Fully qualified URL including the port number and ASP or CGI to process the event e.g. `http://10.10.10.10:8080/cgi-bin/processSapphireEvent`

username: An existing user on the Site Controller which has sufficient privileges to complete the tasks by the event listener.

alias: A unique name (shorthand) per eventType to tie the username and URL together.

Note: *Although spaces are permitted at this time, it is recommended NOT to use them.*

eventType: The allowed values are: APP_START, FUEL_INIT, FUNDS_AUDIT, or PERIOD_CLOSE.

cookie: Credential valid for this session.

Locator:

- XML Schema Documents---RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

veventunset

URL Syntax

https://site-controller_IP/cgi-bin/
CGILink?cmd=veventunset&alias={alias}&eventType={eventType}&cookie={cookie}

Usage

alias: A unique name (shorthand) per eventType to tie the username and URL together.

Note: *Although spaces are permitted at this time, it is recommended NOT to use them.*

eventType: The allowed values are: APP_START, FUEL_INIT, FUNDS_AUDIT, or PERIOD_CLOSE.

cookie: Credential valid for this session.

Locator

- XML Schema Documents---RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

repeatEvent

URL Syntax

https://site-controller_IP/cgi-bin/
CGILink?cmd=repeatEvent&eventType={eventType}&alias={alias}&period={period}

Usage

alias: A unique name (shorthand) per eventType to tie the username and URL together.

Note: *Although spaces are permitted at this time, it is recommended NOT to use them.*

eventType: The allowed values are: APP_START, FUEL_INIT, FUNDS_AUDIT, or PERIOD_CLOSE.

cookie: Credential valid for this session.

Locator

- XML Schema Documents---RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

5

Utility and Initialize Commands

This chapter contains specifications for using the HTTP GET commands to perform Utility operations and initialize commands on the Commander.

Note: *Utility and Initialize command names begin with a 'c'.*

cfuelinit

Description

To fully initialize/download all configuration data and prices to the fuel dispensers.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=cfuelinit&cookie={cookie}`

Usage

cookie: Credential valid for this session

Locator

- XML Schema Documents—RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

cfuelprices

Description

To initialize/download fuel prices to the dispensers.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=cfuelprices&cookie={cookie}`

Usage

cookie: Credential valid for this session

Locator

- XML Schema Documents—RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

cdcrinit

Description

To initialize/download a specific or all Dispenser Card Reader(s).

URL Syntax

`https://{site-controller_IP}/cgi-bin/
CGILink?cmd=cdcrinit&fuelingposition={fuelpos}&cookie={cookie}`

Usage

fuelpos: A fueling position to initialize. To download all omit the fueling position completely.

cookie: Credential valid for this session

Locator

- XML Schema Documents—RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

cFPDinit

Description

To fully initialize/download all configuration data and prices to the fuel price sign.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=cFPDinit&cookie={cookie}`

Usage

cookie: Credential valid for this session

Locator

- XML Schema Documents—RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

creboot

Description

Command to reboot the Commander.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=creboot&cookie={cookie}`

Usage

cookie: Credential valid for this session

Locator

- XML Schema Documents-RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response
- OTP required to execute command

cclosedaynow

Description

Command to close the DAY period on the Commander.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=cclosedaynow&cookie={cookie}`

Usage

cookie: Credential valid for this session

Locator

- XML Schema Documents-RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

cclosepdnow

Description

Command to close the select PERIOD on the Commander.

URL Syntax

`https://{site-controller_IP}/cgi-bin/
CGILink?cmd=cclosepdnow&period=1&cookie={cookie}`

Usage

period: [1, 2, 3, 4]

cookie: Credential valid for this session

Locator

- XML Schema Documents-RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

cdcrdriverinit

Description

To fully initialize the Dispenser Card Reader (DCR) drivers.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=cdcrdriverinit&cookie={cookie}`

Usage

cookie: Credential valid for this session

Locator

- XML Schema Documents-RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

cfueldrivernit

Description

To fully initialize the Fuel System drivers.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=cdrdriverinit&cookie={cookie}`

Usage

- cookie: Credential valid for this session

Locator

- XML Schema Documents-RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

changepasswd

Description

Change the password for the user associated with a credential.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=changepasswd&cookie={cookie}`

Usage

- cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: passwdConfig

crefreshcfg

Description

Command to have Commander refresh the configuration. After any changes are made to Car Wash, POP, or Network parameters including Loyalty, the command "Refresh Configuration" needs to be executed for the new settings to be applied to fuel and DCRs.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=crefreshcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Documents-RPC.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: Response

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Deprecated Commands

The following commands should no longer be used, but they may be supported or available in some versions of Site Controller.

vscreencfg

Description

View the screen configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vscreenscfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-screencfg.xsd
- Namespace: no namespace
- Root element: screencfg

vfuelposstat

Description

View the current status of all fueling positions.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vfuelposstat&cookie={cookie}`

Usage

cookie: Credential valid for this session.

vnetcfg

Description

View the network configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vnetcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

unetcfg

Description

Update the network configuration document.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=unetcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

vPLUUpdateStatus

Description

View the status of the PLU transfer to and from the Ruby controller.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIPLULink?cmd=vPLUUpdateStatus&cookie={cookie}`

Usage

cookie: Credential valid for this session.

vPLUCacheList

Description

View PLU cache list.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIPLULink?cmd=vPLUCacheList&cookie={cookie}`

Usage

cookie: Credential valid for this session.

uPLUCacheList

Description

Update PLU cache list.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIPLULink?cmd=uPLUCacheList&cookie={cookie}`

Usage

cookie: Credential valid for this session.

getPLUsFromGempro

Description

Initiate a transfer of PLUs from the Ruby controller to the Site Controller database. After completion, the PLUs can be retrieved from the database using the sendPLUsToGempro command.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=getPLUsFromGempro&cookie={cookie}`

Usage

cookie: Credential valid for this session.

sendPLUsToGempro

Description

Initiate a transfer of PLUs already in the Site Controller database to the Ruby or Topaz. PLUs should have been sent to the Site Controller database using the getPLUsFromGempro command before executing this function.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=sendPLUsToGempro&cookie={cookie}`

Usage

cookie: Credential valid for this session.

vpayrollpdlist

Description

Get a list of all the payroll report periods available.

URL Syntax

`https://site-controller_IP/cgi-bin/CGILink?cmd=vpayrollpdlist&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document—none
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: periodList

vperiodrept

***Note:** This command has been replaced with vtransset when communicating with a Commander Site Controller.*

Description

View the designated transaction log document.

URL Syntax

`https://{sapphire_IP}/cgi-bin/CGILink?
cmd=vperiodrept&period={period}&filename={filename}&cookie={cookie}`

`https://{sapphire_IP}/cgi-bin/CGILink?
cmd=vperiodrept&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: must be date.seq, e.g. 2004-03-29.001 filename: use value returned from vtlogpdlist period: [1,2]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential valid for this session.

Locator

- XML Schema Document-transactions.xsd
- Namespace: none
- Root element: transactionSet

vperiodreptz

Note: *This command has been replaced with vtranssetz when communicating with a Commander Site Controller.*

Description

View the designated transaction log document. The returned document is in gzip format.

URL Syntax

```
https://{sapphire_IP}/cgi-bin/CGILink?  
cmd=vperiodreptz&period={period}&filename={filename}&cookie={cookie}
```

```
https://{sapphire_IP}/cgi-bin/CGILink?  
cmd=vperiodreptz&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: must be date.seq, e.g. 2004-03-29.001

period: [1,2]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential valid for this session.

Locator

- XML Schema Document-transactions.xsd
- Namespace: none
- Root element: transactionSet

vperiodrept2

Description

View the designated transaction log with credit card account numbers masked, except for what is permitted under PA-DSS. (Not used for Commander)

URL Syntax

`https://{sapphire_IP}/cgi-bin/
CGILink?cmd=vperiodrept2&period={period}&filename={filename}&cookie={cookie}`

`https://{sapphire_IP}/cgi-bin/
CGILink?cmd=vperiodrept2&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: must be a date seq. e.g. 2004-03-29.001 filename: use value returned from vtlogpdlist period: [1,2]

reptnum: [1=current, 2=most recently closed, 3=next most recently closed, 4=etc...]

cookie: Credential valid for this session.

Locator

- XML Schema Documents---transactions.xsd
- Namespace: none
- Root element: transactionSet

vrubyrept/networkTotals

Description

View the network totals report for a given period and period type.

URL Syntax

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=networkTotals&period={period}&filename={filename}&cookie={cookie}
```

```
https://{site-controller_IP}/cgi-bin/CGILink?  
cmd=vrubyrept&reptname=networkTotals&period={period}&reptnum={reptnum}&cookie={cookie}
```

Usage

filename: Use value returned from vreportpdlist filename: Must be date.seq, e.g. 2004-03-29.001 period: [1, 2, 3, 4]

reptnum: [1 = current, 2 = most recently closed, 3 = next most recently closed, 4 = etc.]

cookie: Credential for this session.

Locator

- XML Schema Document-periodTargs.xsd
- Namespace: urn:vfi-sapphire:pd.2002-05-21
- Root element: networkPd

vsigcapcfg

Description

View the signature capture configuration document. It contains signature configuration details.

URL Syntax

`https://site-controller_IP/cgi-bin/CGILink?cmd=vsigcapcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Documents---vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: sigCaptureConfig

usigcapcfg

Description

View the signature capture configuration document. It contains signature configuration details.

URL Syntax

`https://site-controller_IP/cgi-bin/CGIUplink?cmd=usigcapcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Documents---vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: sigCaptureConfig

vexpandeddealcfg

Description

View the interim deal configuration. (Sapphire only)

URL Syntax

`https://{sapphire_IP}/cgi-bin/CGILink?cmd=vexpandeddealcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document - expandedDealCfg.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root Element: expandedDealConfig

uexpandeddealcfg

Description

Update the interim deal configuration. (Sapphire only)

URL Syntax

`https://{sapphire_IP}/cgi-bin/CGILink?cmd=uexpandeddealcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document - expandedDealCfg.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root Element: expandedDealConfig

vdealcfg

Description

View the deal (mix-match and combo) configuration document. (Sapphire only)

URL Syntax

`https://{sapphire_IP}/cgi-bin/CGILink?cmd=vdealcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: dealConfig

udealcfg

Description

Update the deal (mix-match and combo) configuration document. (Sapphire only)

URL Syntax

`https://{sapphire_IP}/cgi-bin/CGIUplink?cmd=udealcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: dealConfig

vfuelsite

Description

View the fuel site configuration document, including service modes, tanks, blends, fueling positions, hose assignments, and grade pricing. (Use vfuelfcg instead)

URL Syntax

`https://{sapphire_IP}/cgi-bin/CGILink?cmd=vfuelsite&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsFuel.xsd
- Namespace: urn:vfi-sapphire:fuel.2001-10-01
- Root element: fuelSite

ufuelsite

Description

Update the Fuel Site configuration document, including hose assignments, service modes, tanks, blends, products, and fueling positions. (Use ufuelfcg instead)

URL Syntax

`https://{sapphire_IP}/cgi-bin/CGIUplink?cmd=ufuelsite&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsFuel.xsd
- Namespace: urn:vfi-sapphire:fuel.2001-10-01
- Root element: fuelSite?

vdcrcfg

Description

View the DCR configuration document, which shows the headers, messages, and trailers for DCRs. (Use `vdcrheadercfg`, `vdcriddlescreencfg`, `vdcrmessagecfg`, and `vdcrtrailercfg`)

URL Syntax

`https://{sapphire_IP}/cgi-bin/CGILink?cmd=vdcrcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `dcrConfig`

udcrcfg

Description

Update the DCR configuration document: headers, messages, and trailers. (Use `udcrheadercfg`, `udcriddlescreencfg`, `udcrmessagecfg`, and `udcrtrailercfg`)

URL Syntax

`https://{sapphire_IP}/cgi-bin/CGIUplink?cmd=udcrcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-`vsmsConfigData.xsd`
- Namespace: `urn:vfi-sapphire:np.domain.2001-07-01`
- Root element: `dcrConfig`

vperiodcfg

Description

View the period configuration document. This document contains period names and period close options.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vperiodcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: periodConfig

uperiodcfg

Description

Update the period configuration document. This document contains period names and period close options.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uperiodcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: periodConfig

vmaintcfg

Description

Obtain information about the Site Controller system. (Use vmaintfprht, vmaintpostal, vmaintregistration, vmainttelephone, and vmainttotalizers)

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmaintcfg&cookie={cookie}`

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmaintcfg&cookie={cookie}&dataset=versioninfo` `https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmaintcfg&cookie={cookie}&dataset=ioconfig`
`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmaintcfg&cookie={cookie}&dataset=totalizers` `https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmaintcfg&cookie={cookie}&dataset=fprht` `https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmaintcfg&cookie={cookie}&dataset=features`

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmaintcfg&cookie={cookie}&dataset=registration`

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmaintcfg&cookie={cookie}&dataset=telephone`

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmaintcfg&cookie={cookie}&dataset=postal&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsMaintenance.xsd
- Namespace: urn:vfi-sapphire:np.gpmaint.2004-08-03
- Root element: maintenance

Returns all datasets:

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vmaintcfg&cookie={cookie}`

umaintcfg

Description

Update the maintenance configuration.

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=umaintcfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsMaintenance.xsd
- Namespace: urn:vfi-sapphire:np.gpmaint.2004-08-03
- Root element: maintenance

vloyaltycfg

Description

View the loyalty configuration document. Contains loyalty configuration details. (Loyalty configuration is now handled as part of EPS config)

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGILink?cmd=vloyaltycfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: loyaltyConfig

uloyaltycfg

Description

Update the loyalty configuration document. (Loyalty configuration is now handled as part of EPS config)

URL Syntax

`https://{site-controller_IP}/cgi-bin/CGIUplink?cmd=uloyaltycfg&cookie={cookie}`

Usage

cookie: Credential valid for this session.

Locator

- XML Schema Document-vsmsConfigData.xsd
- Namespace: urn:vfi-sapphire:np.domain.2001-07-01
- Root element: loyaltyConfig

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NAXML APIs

Overview

Processing Site Controller information into and out of the NAXML transfer syntax requires coordination of a variety of processing resources. Unfortunately, it is not possible to implement these transforms as simple XSLT transforms to and from existing Site Controller documents. If it were, processing could be done using XSLT exclusively and no special coding on the Site Controller would be required to support NAXML.

Since this simplest solution isn't workable, we've adopted the following philosophy for implementing NAXML on the Site Controller:

- Let every NAXML request be launched using a consistently formulated URL.
- For simple cases (i.e. where an existing Site Controller document maps to a NAXML document), let the Site Controller do a straightforward XSLT transform. This method provides for the least recoding effort.
- For more complex cases where no direct transform will do, write Java “visitors” create NAXML directly from the Java persistent objects. Note that this is how most Site Controller XML data is produced; it provides maximum flexibility at the cost of more code.
- For cases where a NAXML report can/should be created from the transaction log, provide an alternate processor (other than the Site Controller, which doesn't have the required bandwidth for such a transform) for running the transform. The best candidate for providing such a resource is the HPV-20.

Adopting this philosophy requires that we define three APIs:

1. The Sapphire HTTP API. These are URLs with name/value pairs for required arguments addressed to the Site Controller. This API is realized by one or more CGIPortal Java classes on the Site Controller.
2. The PC HTTP API. These are URLs accepted by the PC (probably HPV-20). They will be an isomorphic subset of the Site Controller External API. The API is realized by one or more ASPs active on the PC running in IIS.

Defining the APIs is the key to a smoothly working system. Note that once they are set, the actual processing topology is rather flexible; e.g. a script on HPV-20 can get a Site Controller credential and then call WSH directly to do processing that otherwise would be accessed through a Site Controller URL.

Note on implementing NAXML: we intend to follow the lead of PDI and other successful implementers of NAXML in restricting the processing variability allowed by the NAXML vocabulary, specifically in the case of maintenance:

- //RecordAction/@type = (addchange | delete). No other values or functions for RecordAction are honored.
- //TableAction/@type = (update | initialize). No other values or functions for TableAction are honored.

If these elements contain values other than those above, a separate processing step is required before addressing the APIs in this document. In particular, there is no provision for allowing time designations for updates in these APIs. Any such values within these elements will be ignored and passed over silently.

Site Controller Commands

There is a single processing entry point on the Site Controller for processing XML. That entry point is designated as:

`https://site-controller_IP/cgi-bin/NAXML`

Subsequent name/value pairs in the URL designate the kind of command and the other requisite information, e.g.:

`https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=ItemList&cookie=2b33ca`

returns the NAXML-PBIMaintenance document for ItemListMaintenance.

NAXML POS Journal

vposjournal

Description

The NAXML POSJournal format of vtransset from the Commander (Site Controller). This command can be either a POST or a GET. In the case of a GET, the default NAXMLPrefs rules are applied, otherwise the posted NAXMLPrefs override the defaults.

URL Syntax

`https://{commander_IP}/cgi-bin/NAXML?
cmd=vposjournal&period={period}&filename={filename}&cookie={cookie}`

`https://{commander_IP}/cgi-bin/NAXML?cmd= vposjournal
&period={period}&reptnum={reptnum}&cookie={cookie}`

Usage

filename: Must be date.seq, e.g. 2004-03-29.001

filename: Use value returned from vtlogpdlst

period: [1,2]

reptnum: [1 = current. 2 = most recently closed, 3 = next most recently closed, 4 = etc...]

cookie: Credential valid for this session.

Locator

Note: *Locator contains NAXMLPrefs schema only. All other NAXML schemas must be obtained from Connexus.*

- XML Schema Document-naxmlPrefs.xsd
- Namespace: no namespace
- Root element: NAXMLPrefs

Movement

The Movement API is symmetrical, there isn't a single purpose URL, unlike the Maintenance API. Instead, each document must be requested through a specific URL.

The following NAXML based reports (cmd=vMovement) are available from Site Controller. The syntax of the query string is similar to other Site Controller reports and vtlogpdlist is used to gather the list of available report periods. The format of the commands for viewing the report data on Site Controller is:

https://site-controller_IP/cgi-bin/

NAXML?cmd=vMovement&dataset={DATASET}&cookie={cookie}

{DATASET} is defined as being one of the following:

Dataset	Description	Examples
FuelGrade	Process a NAXML-PBIMovement request to view the FuelGrade Report Provides totals broken down by Products then - Tender/Service-Level - Fueling position - Resettable totals. Consolidates various fuel based reports. Aggregates the numbers differently.	https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=FuelGrade&period={period}&filename={filename}&cookie={cookie} https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=FuelGrade&period={period}&reptnum={reptnum}&cookie={cookie}
FuelProduct	Process a NAXML-PBIMovement request to view the FuelProduct Report. Provides Non-resettable fuel totals (Dispenser Report).	https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=FuelProduct&period={period}&filename={filename}&cookie={cookie} https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=FuelProduct&period={period}&reptnum={reptnum}&cookie={cookie}
ItemSales	Process a NAXML-PBIMovement request to view the ItemSales Report. PLU Report	https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=ItemSales&period={period}&filename={filename}&cookie={cookie} https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=ItemSales&period={period}&reptnum={reptnum}&cookie={cookie}

Dataset	Description	Examples
MerchandiseCode	Process a NAXML-PBIMovement request to view the MerchandiseCode Report. Department Report	https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=MerchandiseCode&period={period}&filename={filename}&cookie={cookie} https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=MerchandiseCode&period={period}&reptnum={reptnum}&cookie={cookie}
MiscellaneousSummary	Process a NAXML-PBIMovement request to view the MiscellaneousSummary Report. KPIs Similar to Summary Report	https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=MiscellaneousSummary&period={period}&filename={filename}&cookie={cookie} https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=MiscellaneousSummary&period={period}&reptnum={reptnum}&cookie={cookie}
TankProduct	Process a NAXML-PBIMovement request to view the TankProduct Report TLS Report	https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=TankProduct&period={period}&filename={filename}&cookie={cookie} https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=TankProduct&period={period}&reptnum={reptnum}&cookie={cookie}
TaxLevel	Process a NAXML-PBIMovement request to view the TaxLevel Report Tax Report	https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=TaxLevel&period={period}&filename={filename}&cookie={cookie} https://{site-controller_IP}/cgi-bin/NAXML?cmd=vMovement&dataset=TaxLevel&period={period}&reptnum={reptnum}&cookie={cookie}

Maintenance

The API is asymmetrical in that datasets are always retrieved using a specific URL, whereas configuration documents may either be submitted using a single general purpose URL or using a specific URL.

The contents of a submitted document determine how the update occurs (see the restrictions on RecordAction and TableAction in the first section). Using specific URLs allows easier checking for permissions required to update given datasets. When using the general purpose URL to update, the credential must belong to a user with permission to update all datasets, regardless of the contents of the submitted document.

There may be processing limitations on the size of submitted documents, most notably PLU configuration. The interface will need to be tested carefully to assure proper performance.

The form of the commands for viewing the configuration on the Site Controller is:

`https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset={DATASET}&cookie=???`

The form of the commands for updating the configuration on the Site Controller is:

`https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset={DATASET}&cookie=???`

In both cases, “{DATASET}” is defined as being one of the following:

Dataset	Description	Examples
All	Process a NAXML-PBIMaintenance document, allowing any dataset to change. Note that the user credential must allow the user to change all datasets, regardless of the content of the document.	Update: <code>https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=All&cookie={cookie}</code> Note: The “:All” dataset only allows update.
FuelGrade	Review or update fuel grades in use at the site.	View: <code>https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=FuelGrade&cookie={cookie}</code> Update: <code>https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=FuelGrade&cookie={cookie}</code>

Dataset	Description	Examples
FuelPosition	Review or update how many dispensers there are, payment modes in effect, hoses at each position, etc.	View: https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=FuelPosition&cookie={cookie} Update: https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=FuelPosition&cookie={cookie}
FuelProduct	Review or update the fuel products (not blended) available at the site.	View: https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=FuelProduct&cookie={cookie} Update: https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=FuelProduct&cookie={cookie}
TankProduct	Review or update which products are in which tanks.	View: https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=TankProduct&cookie={cookie} Update: https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=TankProduct&cookie={cookie}
MerchandiseCode	Review or update what are commonly known as “departments.”	View: https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=MerchandiseCode&cookie={cookie} Update: https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=MerchandiseCode&cookie={cookie}
ItemList	Review or update a lists of items with a common identifier. These lists are used in Mix/Match and Combo functions.	View: https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=ItemList&cookie={cookie} Update: https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=ItemList&cookie={cookie}

Dataset	Description	Examples
Item	Review or update what are commonly known as “PLUs.”	View: https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=Item&cookie={cookie} Update: https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=Item&cookie={cookie}
MixMatch	Review or update a set of entries each made up of several matches. Each match may have multiple items. If a match is found, the price of the entry is applied.	View: https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=MixMatch&cookie={cookie} Update: https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=MixMatch&cookie={cookie}
Combo	Review or update a single set of items with a designated price.	View: https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=Combo&cookie={cookie} Update: https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=Combo&cookie={cookie}
TaxLevel	Review or update a percentage (or optionally a pointer to some internal table) for a given kind of tax. Note that NAXML doesn't currently have a format for designating break-point tax tables. Those must be programmed some other way, and then referenced through the “id” field within a given tax level.	View: https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=TaxLevel&cookie={cookie} Update: https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=TaxLevel&cookie={cookie}
TaxIncludes	Review or update different kinds of included tax.	View: https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=TaxIncludes&cookie={cookie} Update: https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=TaxIncludes&cookie={cookie}

Dataset	Description	Examples
TaxStrategy	Review or update patterns of TaxLevel and TaxIncludes items so that PLUs and departments can reference a single entry a set of taxes.	View: <code>https://site-controller_IP/cgi-bin/NAXML?cmd=vMaintenance&dataset=TaxStrategy&cookie={cookie}</code> Update: <code>https://site-controller_IP/cgi-bin/NAXML?cmd=uMaintenance&dataset=TaxStrategy&cookie={cookie}</code>

PC Commands

In general, commands passed through to the PC from the Site Controller have exactly the same form, except for the HPV-20 address prefix, e.g.:

`https://hvp-20/NAXML.ASP?cmd=vMaintenance&dataset=MerchandiseCode&cookie={cookie}`

Note: *The HPV-20 IIS Server listens on port 8080. NAXML is an Active Server Page (ASP).*

The actual list of commands to be processed on the PC will be determined on a case by case basis once the semantic maps are done.

Errors and Success Status Reporting

Errors as well as indicating success (in cases where there is no obvious XML to return) must be via a returned XML document conforming to the following schema:

`vfischema/RPC.xsd`

Such a document will be returned in the following cases:

- The request to view or post a dataset points to an invalid dataset.
- The request to post a dataset contains invalid data leading to unrecoverable errors.
- The request to view a given report points to an invalid report.
- The request to view a given report has parameters that indicate a report that is not available (e.g. unavailable date, etc.)

Layered processing (e.g. the PC calls Site Controller) requires that any calling layer expect to receive an error document as described, and that the calling layer is responsible for (possibly) reformulating the error document before passing it back up the chain.