Getting started

Overview

Accepting online payments with Verifone can be done through multiple integration methods. This page describes what you need to know in order to decide on which integration method is best for you, where to find the essential information like URLs, and how to authenticate with our API.

Integration methods

Online payments can be processed by using our [Checkout](#) solution as a Hosted Payments Page (HPP) or an iFrame. Payment modifications can be done directly via Verifone Central, or by using Server-to-Server API calls. A comparison of the different integration methods can be found here:

Integration method	Description	PCI compliancy
Hosted Payments Page (HPP)	Full page redirect to Verifone servers	SAQ A
iFrame	Render a Verifone hosted form on your website	SAQ A
Pay by Link	Send payment links to your customers manually or automate with an API	SAQ A
Server-to-Server API	Perform API calls to capture customer payment information and place orders	SAQ D

API authentication

To process transactions through the sandbox and production environments, you will be using different API keys. One key is used for sandbox, and one is used for production. Make sure your API key and secret are never stored on the client's side, they are only intended for Server-to-Server API calls.

[Get your API key here!](#)

API key expiration

Each API Key has a validity period. At the end of that validity period, a series of emails is sent to notify the user about the API key lifecycle, along with the reactivation steps, environment (Demo and Production) and region information.

To avoid interruption of the API service, users must create a new API key to replace the one they are using, before the expiration date. Once users have performed these steps, they can delete the API key they were currently using.

To create and delete API keys from Verifone Central, perform the following steps:

1. Go to **Profile > API Keys**.
2. Create a new API Key.
3. The new API Key will be generated.

Environment variables

The URL you use determines if you are making calls into the sandbox or production environments. Different URLs, API keys and other variables need to be used in sandbox and production. When setting up your environments, make sure the following variables are configurable:

URLs	See below
API key	Retrieved from Verifone Central
User ID	Retrieved from Verifone Central
Payment Provider Contracts	Administration > Payment Provider Contracts > [Contract] > *Payment Provider Contract ID value*
3DS Contract	Administration > 3D-Secure Provider Contracts > [Contract] > *3-D Secure Contract ID*
Entity ID	Administration > Organizations > [Organization] > *Organization ID value*

Organization ID (Entity ID) in Verifone Central

Sandbox and production URLs

Depending on your region and your integration method you can select the corresponding environment:

Global Sandbox

API	https://cst.test-gsc.vfims.com
Checkout Service	https://cst.test-gsc.vfims.com/oidc/checkout-service
Customer Service	https://cst.test-gsc.vfims.com/oidc/customer-service
Verifone Central	https://test.verifone.cloud

EMEA Production

API	https://emea.gsc.verifone.cloud
Checkout Service	https://emea.gsc.verifone.cloud/oidc/checkout-service
Customer Service	https://emea.gsc.verifone.cloud/oidc/customer-service
Verifone Central	https://emea.live.verifone.cloud

US Sandbox

API	https://uscst-gb.portal.gsc.vficloud.net
Checkout Service	https://uscst-gb.gsc.vficloud.net/oidc/checkout-service
Customer Service	https://uscst-gb.gsc.vficloud.net/oidc/customer-service
Verifone Central	https://uscst.test.vficloud.net

US Production

API	https://us.portal.gsc.verifone.cloud
Checkout Service	https://us.gsc.verifone.cloud/oidc/checkout-service
Customer Service	https://us.gsc.verifone.cloud/oidc/customer-service
Verifone Central	https://us.live.verifone.cloud

NZ Production

API	https://nz.portal.gsc.verifone.cloud
Checkout Service	https://nz.gsc.verifone.cloud/oidc/checkout-service
Customer Service	https://nz.gsc.verifone.cloud/oidc/customer-service

| Verifone Central | https://nz.live.verifone.cloud/ |