

## X990 Downloads

### X990 SDK Components

Note that the X990 SDK components are designed to be versatile and can be utilized globally without restrictions, but do keep in mind that there are certain distinctions to be aware of regarding region-specific packages.

- 1. International SDK Components:** SDK components labeled as "**International**" can be used across all regions. They are not region-restricted and are fully compatible with any location. You can confidently integrate these components into your projects, regardless of your geographical location.
- 2. Region-specific SDK Components:** On the other hand, some of our components are tailored for specific regions. These region-specific components are optimized to work efficiently in the specified regions only. While they excel in their designated locations, they may not function optimally or might face compatibility issues if used in other regions.
- 3. Compatibility of International SDK Components in Regions with Specific SDK Components:** While our International SDK components are designed for global compatibility and can be used in most regions without any issues, it is important to note that if you have region-specific SDK components available for a particular geographical area, the International SDK components may not function as expected within that specific region.

Click on the blue button to download the file.

### X990 PinPAD



Service Package	Version	Type	Applicable Region	Release Date	Release Notes
<a href="#">X990PINPAD_202307101624_full_Android10_(CRC32_4BEC9164).zip</a>	Android 10	ROM	International	Jan 02, 2024	<a href="#">Release Notes</a>
<a href="#">X990PP-V1.0.02(202305051730)_CRC32_89B93744.zip</a>	Android 10	SP	International	Jan02, 2024	<a href="#">Release Notes</a>

### X990 Mini



Service Package	Version	Type	Applicable Region	Release Date	Release Notes
<a href="#">X9_MINI_VHQ_Service_1.2.0_20240926_O_Ssign.zip</a>	1.2.0	VHQ Agent	International	Sep 27, 2024	<a href="#">Release Notes</a>
<a href="#">VeriStore Agent 1.2.0.zip</a>	1.2.0	VeriStore	International	Nov 22, 2024	<a href="#">Release Notes</a>
<a href="#">MiniVFService_PermissionOff_2.1.0_240725_173636.zip</a>	Android 10	VF Service	International	Jul 26, 2024	<a href="#">Release Notes</a>
<a href="#">MiniVFX990SystemService_1.1.2.2_1000500_240926.zip</a>	Android 10	System Service	International	Sep 27, 2024	<a href="#">Release Notes</a>
<a href="#">X990Mini_20240828_1200_full_INTL_Android10_(CRC32_b24ba434).zip</a>	Android 10	ROM (mini)	International	Aug 28, 2024	<a href="#">Release Notes</a>
<a href="#">MiniVFService_PermissionOff_2.0.0_240522_143709.zip</a>	Android 10	VF Service	International	June 18,2024	<a href="#">Release Notes</a>
<a href="#">X9_MINI_VHQ_Service_1.1.0_20240606_O_Ssign.zip</a>	Android 10	VHQ Agent	International	June 18,2024	<a href="#">Release Notes</a>
<a href="#">MiniVFService_PermissionOff_1.1.1.1_240318_093655.zip</a>	Android 10	VF Service	International	Apr 04, 2024	<a href="#">Release Notes</a>

Service Package	Version	Type	Applicable Region	Release Date	Release Notes
<a href="#">MiniVFService_PermissionOff_1.1.1_231208_151633.zip</a>	Android 10	VF Service	International	Feb 23,2023	<a href="#">Release Notes</a>
<a href="#">MiniVFX990SystemService_1.1.1_1000500_231229.zip</a>	Android 10	System Service	International	Feb 23, 2023	<a href="#">Release Notes</a>
<a href="#">X9_MINI_VHQ_Service_1.0.0_20230721_OSSign</a>	Android 10	VHQ Agent	International	Nov 27, 2023	<a href="#">Release Notes</a>

## X990 Pro



Service Package	Version	Type	Applicable Region	Release Date	Release Notes
<a href="#">X990Pro_202407101200_full_Android10(CRC32_c1535a08).zip</a>	Android 10	ROM (X990 Pro)	International	Aug 1, 2024	<a href="#">Release Notes</a>
<a href="#">X990_Pro_H554-I-P-1A.0.13_OS.zip</a>	Android 10	ROM (X990 Pro)	International	Oct 9, 2024	<a href="#">Release Notes</a>
<a href="#">X990Pro_202311241200_full_Android10(CRC32_FD747286)(1).zip</a>	Android 10	ROM (X990 Pro)	International	Mar 06, 2023	<a href="#">Release Notes</a>

## X990 Portable & CounterTop



<https://verifone.cloud/docs/in-person-payments/verifone-x990/x990-downloads>

Updated: 26-Nov-2024

## ROM & Security Driver

ROM & Security Driver Package	Version	Type	Applicable Region	Release Date	Release Notes
<a href="#">X990V4_202407301513_full_Android10_(CRC32_26D83310).zip</a>	v4(Android10)	ROM	International	Jul 31, 2024	<a href="#">Release Notes</a>
<a href="#">V1.1.1.202404101036_full_INTL_Android7_version(CRC32_8726D69C).zip</a>	v2(Android7)	ROM	International	Apr 23, 2024	<a href="#">Release Notes</a>
<a href="#">V1.1.1.202312302331_full_INTL_Android7_version(CRC32_67002E7D).zip</a>	v2(Android7)	ROM	International	Feb 05, 2024	<a href="#">Release Notes</a>
<a href="#">X990V4_202401161438_full_Android10_BRA_(CRC32_BD598F76)_0.zip</a>	v4(Android10)	ROM	Brazil	Feb 05,2024	<a href="#">Release Notes</a>
<a href="#">V1.1.1.202302021544_full_INTL_Android7_version(CRC32_79DD1B4C)(1).zip</a>	v2(Android7)	ROM	International	JAN 26,2024	<a href="#">Release Notes</a>
<a href="#">X990V4_202401161438_full_Android10_BRA_(CRC32_BD598F76).zip</a>	v4(Android10)	ROM	Brazil	JAN 26, 2024	<a href="#">Release Notes</a>
<a href="#">X990-V1.0.34(202312070931)_CRC32_72B3DC58.zip</a>	v2(Android7)+ v4(Android10)	Security Driver (SP)	International	Aug 23, 2024	<a href="#">Release Notes</a>

## System Service

Package	Version	Applicable Region	Release Date	Release Notes
<a href="#">VFX990SystemService_1.12.4.1_1000500_231115</a>	v2(Android7)+ v4(Android10)	International	Nov-27, 2023	<a href="#">Release Notes</a>

Package	Version	Applicable Region	Release Date	Release Notes
<a href="#">VFX990SystemService_1.14.0_1000500_240929.zip</a>	v2(Android7)+ v4(Android10)	International	Sep 29, 2024	<a href="#">Release Notes</a>
<a href="#">VFX990SystemService_1.12.4.1_1000500_231115_BR</a>	v2(Android7)+ v4(Android10)	Brazil	Nov-27, 2023	<a href="#">Release Notes</a>
<a href="#">VFX990SystemService_1.14.0_1000500_240929_BR.zip</a>	v2(Android7)+ v4(Android10)	Brazil	Sep 29, 2024	

## VF Service

Package	Version	Applicable Region	Release Date	Release Notes
<a href="#">VFService_PermissionOn_4.3.0.2_241114_095624.zip</a> <a href="#">VFService_PermissionOff_4.3.0.2_241114_094926.zip</a>	v2(Android7)+ v4(Android10)	International	Nov 14, 2024	<a href="#">Release Notes</a>
<a href="#">VFService_PermissionOn_4.1.0_240511_140632_BR.zip</a>	v2(Android7)+ v4(Android10)	Brazil	June 05,2024	<a href="#">Release Notes</a>
<a href="#">VFService_PermissionOn_4.1.0_240511_140632.zip</a> <a href="#">VFService_PermissionOff_4.1.0_240511_140439.zip</a>	v2(Android7)+ v4(Android10)	International	June 05,2024	<a href="#">Release Notes</a>
<a href="#">VFService_PermissionOn_3.13.0_240522_182312.zip</a> <a href="#">VFService_PermissionOff_3.13.0_240522_182050.zip</a>	v2(Android7)+ v4(Android10)	International	June 04,2024	<a href="#">Release Notes</a>

Package	Version	Applicable Region	Release Date	Release Notes
<a href="#">VFService_PermissionOn_3.12.1.4_240311_142221.zip</a> <a href="#">VFService_PermissionOff_3.12.1.4_240311_142523.zip</a>	v2(Android7)+v4(Android10)	International	Apr 04, 2024	<a href="#">Release Notes</a>
<a href="#">VFService_PermissionOn_3.12.1.4_240311_142221_BR.zip</a>	v2(Android7)+v4(Android10)	Brazil	Apr 04, 2024	<a href="#">Release Notes</a>
<a href="#">VFService_PermissionOff_3.12.1.1_240111_164128.zip</a> <a href="#">VFService_PermissionOn_3.12.1.1_240111_164544.zip</a>	v2(Android7)+v4(Android10)	International	March 12, 2024	<a href="#">Release Notes</a>

## VHQ Agent

Package	Version	Applicable Region	Release Date	Release Notes
<a href="#">VHQ Agent_4.104.3_20240307.zip</a>	v2(Android7) + v4 (Android10)	International	Mar 06, 2024	<a href="#">Release Notes</a>
<a href="#">X9_VHQ_Service_4.104.6_20241022_v1v2_OSSigned.zip</a>	v2(Android7) + v4 (Android10)	International	Oct 25, 2024	<a href="#">Release Notes</a>
<a href="#">X9_VHQ_Service_4.104.2_20240129_v1_v2_OSSigned.zip</a>	v2(Android7) + v4 (Android10)	International	Feb 05, 2024	<a href="#">Release Notes</a>
<a href="#">X9_VHQ_Service_4.104.1_20231214_v1v2_OSSigned.zip</a>	v2(Android7) + v4 (Android10)	International	Jan 02, 2024	<a href="#">Release Notes</a>
<a href="#">X9_VHQ_Service_4.103.1_20231010_v1v2_OSSigned_BRA.zip</a>	v2(Android7) + v4 (Android10)	Brazil	Oct 23, 2023	<a href="#">Release Notes</a>

## Veristore

Package	Version	Applicable Region	Release Date	Release Notes
<a href="#">VeristoreTemplateGeneratorTools v1.1.zip</a>	v1.1	International	May 23,2024	<a href="#">Guides</a>
<a href="#">VeriStore Agent 2.7.0.zip</a>	2.7.0	International	Nov 11, 2024	<a href="#">Release Notes</a>
<a href="#">Veristore.zip</a>	2.5.0	International	Apr 24,2024	<a href="#">Guides</a>
<a href="#">Veristore File 2.0.zip</a>	v2.0	International	Oct13, 2023	<a href="#">Release Notes</a>
<a href="#">AppStore 1.8.1 220809 release OSsigned.zip</a>	v1.8.1	International	Apr 24,2023	<a href="#">Documentations / Parameter files</a>
<a href="#">Tools.zip</a>		International	DEC14, 2023	<a href="#">Release Notes</a>

## Installer

Package	Version	Applicable Region	Release Notes
<a href="#">installer v1.2.9 0414 release OSsigned.zip</a>	v1.2.9	International	<a href="#">Release Notes</a>
<a href="#">installer v1.2.9 0414 release OSsigned</a>	V1.2.9	Brazil	<a href="#">Release Notes</a>

## X990 Tools

Package	Version	Release Date
<a href="#">New driver--Sprd_Driver_5_20230401.zip</a>	v4 (Android10)	Dec 26, 2023
<a href="#">X9990V4_Driver_R4.20.1401-Signed-20221214 (1).zip</a>	v4 (Android 10)	Oct-13, 2023

Package	Version	Release Date
<a href="#">VfiX9ApkSigningToolV1.0.4.zip</a>	N/A	Oct-13,2023
<a href="#">X990V1V2-Drivers-Signed-20220826</a>	V1+V2 ( Android 5+ Android 7)	Oct-26, 2022
<a href="#">X990_V4_Driver_R4.20.1401-Signed-20220520</a>	V4 (Android 10)	May-20, 2022
<a href="#">VerifoneADB</a>	N/A	N/A
<a href="#">Sprd_Driver_R4.20.1401-Signed-20221214</a>	V4 (Android 10)	Dec-14, 2022
<a href="#">SmartPosUARTDriver20180928</a>	N/A	Sep-28, 2018
<a href="#">SafeNetAuthenticationClient-x32-x64-10.0</a>	N/A	N/A
<a href="#">Permissions</a>	N/A	N/A
<a href="#">VfiX9ApkSigningTool</a>	N/A	N/A
<a href="#">platform-tools-ADB</a>	N/A	N/A
<a href="#">APKInstaller</a>	N/A	N/A

### X990 Biometric Only



Package	Version	Release Date	Release Notes
<a href="#">FingerprintService_1.2_220922_release_v1v2</a>	V1+V2 (Android 7)	Sep-22, 2022	<a href="#">Release Notes</a>
<a href="#">Demo Application</a>	N/A	N/A	

### BonusHub

Package	Version
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[BonusHub P2PE\\_x990-231110](#)

v4