

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 |
|---|------------|------|-------------------|--------------|-------------------------------|
| X990PINPAD_202307101624_full_Android10_(CRC32_4BEC9164).zip | Android 10 | ROM | International | Jan 02, 2024 | Release Notes |
| X990PP-V1.0.02(202305051730)_CRC32_89B93744.zip | Android 10 | SP | International | Jan02, 2024 | Release Notes |

X990 Mini



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

| Service Package | Version | Type | Applicable Region | Release Date | Release Notes |
|---|------------|----------------|-------------------|--------------|-------------------------------|
| MiniVFService_PermissionOff_1.1.1_231208_151633.zip | Android 10 | VF Service | International | Feb 23,2023 | Release Notes |
| MiniVFX990SystemService_1.1.1_1000500_231229.zip | Android 10 | System Service | International | Feb 23, 2023 | Release Notes |
| X9_MINI_VHQ_Service_1.0.0_20230721_OSSign | Android 10 | VHQ Agent | International | Nov 27, 2023 | Release Notes |

X990 Pro



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

X990 Portable & CounterTop



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

Updated: 03-Feb-2025

ROM & Security Driver

| ROM & Security Driver Package | Version | Type | Applicable Region | Release Date | Release Notes |
|---|---------------|----------------------|-------------------|--------------|-------------------------------|
| X990V4_202409291050_full_Android10_(CRC32_38CF2F40).zip | v4(Android10) | ROM | International | Nov 27, 2024 | Release Notes |
| X990V4_202407301513_full_Android10_(CRC32_26D83310).zip | v4(Android10) | ROM | International | Jul 31, 2024 | Release Notes |
| V1.1.1.202404101036_full_INTL_Android7_version(CRC32_8726D69C).zip | v2(Android7) | ROM | International | Apr 23, 2024 | Release Notes |
| V1.1.1.202312302331_full_INTL_Android7_version(CRC32_67002E7D).zip | v2(Android7) | ROM | International | Feb 05, 2024 | Release Notes |
| X990V4_202401161438_full_Android10_BRA_(CRC32_BD598F76)_0.zip | v4(Android10) | ROM | Brazil | Feb 05, 2024 | Release Notes |
| V1.1.1.202302021544_full_INTL_Android7_version(CRC32_79DD1B4C)(1).zip | v2(Android7) | ROM | International | JAN 26, 2024 | Release Notes |
| X990V4_202401161438_full_Android10_BRA_(CRC32_BD598F76).zip | v4(Android10) | ROM | Brazil | JAN 26, 2024 | Release Notes |
| X990-V1.0.39(202501171523)_CRC32_557F572E.zip | v2(Android7) | Security Driver (SP) | International | Jan 24, 2025 | Release Notes |

| ROM & Security Driver Package | Version | Type | Applicable Region | Release Date | Release Notes |
|---|--------------------------------|----------------------|-------------------|--------------|-------------------------------|
| X990-V1.0.34 (202312070931)_CR C32_72B3DC58.zip | v2(Android7)+ v4(Android10) | Security Driver (SP) | International | Aug 23, 2024 | Release Notes |

System Service

| Package | Version | Applicable Region | Release Date | Release Notes |
|--|--------------------------------|-------------------|--------------|-------------------------------|
| VFX990SystemService_1.12.4.1_1000500_231115 | v2(Android7)+ v4(Android10) | International | Nov-27, 2023 | Release Notes |
| VFX990SystemService_1.14.0_1000500_240929.zip | v2(Android7)+ v4(Android10) | International | Sep 29, 2024 | Release Notes |
| VFX990SystemService_1.12.4.1_1000500_231115_BR | v2(Android7)+ v4(Android10) | Brazil | Nov-27, 2023 | Release Notes |
| VFX990SystemService_1.14.0_1000500_240929_BR.zip | v2(Android7)+ v4(Android10) | Brazil | Sep 29, 2024 | |
| VFX990SystemService_1.14.0.2_1000500_250109_BR.zip | v1(Android5) | Brazil | Jan 09, 2025 | Release Notes |

VF Service

| Package | Version | Applicable Region | Release Date | Release Notes |
|---|--------------------------------|-------------------|--------------|-------------------------------|
| VFService_PermissionOn_4.4.0_241230_104627.zip VFService_PermissionOff_4.4.0_241230_094651.zip | v2(Android7)+ v4(Android10) | International | Jan 09, 2025 | Release Notes |

| Package | Version | Applicable Region | Release Date | Release Notes |
|---|--------------------------------|-------------------|--------------|-------------------------------|
| VFService_PermissionOn_4.3.0.2_241114_095624.zip VFService_PermissionOff_4.3.0.2_241114_094926.zip | v2(Android7)+ v4(Android10) | International | Nov 14, 2024 | Release Notes |
| VFService_PermissionOn_4.1.0_240511_140632_B_R.zip | v2(Android7)+ v4(Android10) | Brazil | June 05,2024 | Release Notes |
| VFService_PermissionOn_4.1.0_240511_140632.zip VFService_PermissionOff_4.1.0_240511_140439.zip | v2(Android7)+ v4(Android10) | International | June 05,2024 | Release Notes |
| VFService_PermissionOn_3.13.0_240522_182312.zip VFService_PermissionOff_3.13.0_240522_182050.zip | v2(Android7)+ v4(Android10) | International | June 04,2024 | Release Notes |
| VFService_PermissionOn_3.12.1.4_240311_142221.zip VFService_PermissionOff_3.12.1.4_240311_142523.zip | v2(Android7)+ v4(Android10) | International | Apr 04, 2024 | Release Notes |
| VFService_PermissionOn_3.12.1.4_240311_142221_BR.zip | v2(Android7)+ v4(Android10) | Brazil | Apr 04, 2024 | Release Notes |

| Package | Version | Applicable Region | Release Date | Release Notes |
|---|----------------------------|-------------------|----------------|-------------------------------|
| VFService_PermissionOff_3.12.1.1_240111_164128.zip VFService_PermissionOn_3.12.1.1_240111_164544.zip | v2(Android7)+v4(Android10) | International | March 12, 2024 | Release Notes |

VHQ Agent

| Package | Version | Applicable Region | Release Date | Release Notes |
|---|-------------------------------|-------------------|--------------|-------------------------------|
| VHQ Agent 4.104.3_20240307.zip | v2(Android7) + v4 (Android10) | International | Mar 06, 2024 | Release Notes |
| X9_VHQ_Service_4.104.6_20241022_v1v2_OSSigned.zip | v2(Android7) + v4 (Android10) | International | Oct 25, 2024 | Release Notes |
| X9_VHQ_Service_4.104.2_20240129_v1_v2_OSSigned.zip | v2(Android7) + v4 (Android10) | International | Feb 05, 2024 | Release Notes |
| X9_VHQ_Service_4.104.1_20231214_v1v2_OSSigned.zip | v2(Android7) + v4 (Android10) | International | Jan 02, 2024 | Release Notes |
| X9_VHQ_Service_4.103.1_20231010_v1v2_OSSigned_BRA.zip | v2(Android7) + v4 (Android10) | Brazil | Oct 23, 2023 | Release Notes |

Veristore

| Package | Version | Applicable Region | Release Date | Release Notes |
|--|---------|-------------------|--------------|-------------------------------|
| VeristoreTemplateGeneratorTools v1.1.zip | v1.1 | International | May 23,2024 | Guides |
| VeriStore Agent 2.7.0.zip | 2.7.0 | International | Nov 11, 2024 | Release Notes |

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| Package | Version | Applicable Region | Release Date | Release Notes |
|--|---------|-------------------|--------------|--|
| Veristore.zip | 2.5.0 | International | Apr 24,2024 | Guides |
| Veristore_File_2.0.zip | v2.0 | International | Oct13, 2023 | Release Notes |
| AppStore_1.8.1_220809_release_OSsigned.zip | v1.8.1 | International | Apr 24,2023 | Documentations / Parameter files |
| Tools.zip | | International | DEC14, 2023 | Release Notes |

Installer

| Package | Version | Applicable Region | Release Notes |
|--|---------|-------------------|-------------------------------|
| installer_v1.2.9_0414_release_OSsigned.zip | v1.2.9 | International | Release Notes |
| installer_v1.2.9_0414_release_OSsigned | V1.2.9 | Brazil | Release Notes |

X990 Tools

| Package | Version | Release Date |
|---|-------------------------------|--------------|
| New_driver--Sprd_Driver_5_20230401.zip | v4 (Android10) | Dec 26, 2023 |
| X9990V4_Driver_R4.20.1401-Signed-20221214 (1).zip | v4 (Android 10) | Oct-13, 2023 |
| VfiX9ApkSigningToolV1.0.4.zip | N/A | Oct-13,2023 |
| X990V1V2-Drivers-Signed-20220826 | V1+V2 (Android 5+ Android 7) | Oct-26, 2022 |
| X990_V4_Driver_R4.20.1401-Signed-20220520 | V4 (Android 10) | May-20, 2022 |
| VerifoneADB | N/A | N/A |

| Package | Version | Release Date |
|--|-----------------|--------------|
| Sprd_Driver_R4.20.1401-Signed-20221214 | V4 (Android 10) | Dec-14, 2022 |
| SmartPosUARTDriver20180928 | N/A | Sep-28, 2018 |
| SafeNetAuthenticationClient-x32-x64-10.0 | N/A | N/A |
| Permissions | N/A | N/A |
| VfiX9ApkSigningTool | N/A | N/A |
| platform-tools-ADB | N/A | N/A |
| APKInstaller | N/A | N/A |

X990 Biometric Only



| Package | Version | Release Date | Release Notes |
|--|-------------------|--------------|-------------------------------|
| FingerprintService_1.2_220922_release_v1v2 | V1+V2 (Android 7) | Sep-22, 2022 | Release Notes |
| Demo Application | N/A | N/A | |

BonusHub

| Package | Version |
|---|---------|
| BonusHub P2PE_x990-231110 | v4 |