



beyond
payment

Telium OPOS Version Description Document

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1 EXECUTIVE SUMMARY

The following sections describe the Ingenico North America (NAR) software releases for OPOS. This document includes accumulative version information beginning with release version 1.4.8

Section 2 contains information for each release. A release will be encapsulated in a version description section for the respective release version. Therefore, one section, a “Version Description” section, is dedicated to each release.

A Version Description section identifies the following:

- Changes since the previous release.
 - Changes are categorized as New Functionality and Product Improvement and Fixing of Problems Reported.
- Package(s) included in the release.
 - Telium OPOS Driver Installer Package.
 - Telium OPOS Test App Installer Package.

2 VERSION DESCRIPTION SECTIONS

The following chapters describe a single release version per section.

2.1 OPOS Release 1.4.11-1.4.12

Table 2-1 Telium OPOS New Functionality and Improvements

Issue Number	Description
UPOS-3	TransArmor Encryption is supported by OPOS.
UPOS-4	Manual entry of card data is supported via OPOS.

Table 2-2 Fixing of Problems Reported

Issue Number	Description
UPOS-105	Device shows white screen due to invalid CRC during claim.
UPOS-129	Previous encrypted PIN properties is not getting cleared after calling ClearInput.
UPOS-127	Signature data is not getting cleared after calling ClearInput.
UPOS-134	Local Time/GMT time is not being set correctly.

Table 2-3 Known issues, configuration notes, and workarounds.

Description
Update of XML files: XML file entries take effect after the device reboots. The ECR will need to trigger a reboot after XML files have been updated.
Jungo driver MUST only be used in ECR environment. It is not intended for development use only.
It is observed that OPOS in RS232 communication mode occasionally got stuck when using Win 7 HOST that does not have the physical RS232 COM Port.
Please consult your Ingenico representative for additional supports on Google Wallet and Voltage data encryption implementations.

Table 2-4 Telium OPOS Contents Summary

Description	Package Identifier	Component Contents
Telium OPOS package component in Software Integration Kit.	IK-OPOS-06.60	<ul style="list-style-type: none"> • CLSID.reg • IsOPOSPresent.vbs • OPOS for the Ingenico Telium2 v1.4.12.2.exe • oposTelium2_32bits.ini • oposTelium2_64bits.ini • RegPusher.exe • silent install options_32bits.bat • silent install options_64bits.bat • Silent Install Settings_32bits.iss • Silent Install Settings_64bits.iss • silent install_32bits.bat • silent install_64bits.bat • silent uninstall.bat • uninstall.iss • versions.bat
Telium OPOS Test App component in Software Integration Kit.	IK-OPOS-06.60	<ul style="list-style-type: none"> • SETUP_OPOSTestApp_1.4.12.2.exe

2.2 OPOS Release 1.4.10

Table 2-3 Telium OPOS New Functionality and Improvements

Issue Number	Description
N/A	N/A

Table 2-4 Fixing of Problems Reported

Issue Number	Description
UPOS-36	Getting error after saving signature image to a TIF and BMP files.
UPOS-35	Terminal locks up if there is a loss of communication during Poll and when "Power Notification" capability is turned Off. No error event is thrown.

Table 2-3 Known issues, configuration notes, and workarounds.

Description
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Please consult your Ingenico representative for additional supports on Google Wallet and Voltage data encryption implementations.

Table 2-4 Telium OPOS Contents Summary

Description	Package Identifier	Component Contents
Telium OPOS package component in Software Integration Kit.	IK-OPOS-06.40	<ul style="list-style-type: none"> • CLSID.reg • IsOPOSPresent.vbs • OPOS for the Ingenico Telium2 v1.4.10.2.exe • oposTelium2_32bits.ini • oposTelium2_64bits.ini • RegPusher.exe • silent install options_32bits.bat • silent install options_64bits.bat • Silent Install Settings_32bits.iss • Silent Install Settings_64bits.iss • silent install_32bits.bat • silent install_64bits.bat • silent uninstall.bat • uninstall.iss • versions.bat
Telium OPOS Test App component in Software Integration Kit.	IK-OPOS-06.30	<ul style="list-style-type: none"> • SETUP_OPOSTestApp_1.4.10.2.exe

2.3 OPOS Release 1.4.9

Table 2-5 Telium OPOS New Functionality and Improvements

Issue Number	Description
RETAILMNT-1326	Improved the MSR Error Event handling in the OPOS Test App. Now the user does not need to manually re-enable the DataEvent after an error event.
RETAILMNT-1409	Updated the OPOS driver to handle PayPal PIN blocks using RSA encryption.
RETAILMNT-1418	Added functionality to the OPOS Test App so that the PIN control's Prompt Index list can be updated from the PIN pad by using the Update Prompts button. The prompt list will be updated based on the selected language.

Table 2-6 Fixing of Problems Reported

Issue Number	Description
RETAILMNT-1337	OPOS could hang when the Telium2 device was disconnected or powered off. This issue was reported for the following four scenarios: 1. Win XP Serial RS232 2. Win XP USB-Serial CDC with Microsoft Driver 3. Win 7 Serial RS232 4. Win7 USB-Serial CDC with Microsoft Driver
RETAILMNT-1381	POS application using OPOS could hang after doing a Save File operation with the MSR control.
RETAILMNT-834	OPOS driver is not clearing the last track data from memory after a clear input is called.
RETAILMNT-1467	LRC character was incorrectly being returned to the application as part of the HealthStat results.

Table 2-3 Known issues, configuration notes, and workarounds.

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Table 2-4 Telium OPOS Contents Summary

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Telium OPOS Test App component in Software Integration Kit.	IK-OPOS-06.30	<ul style="list-style-type: none">• SETUP_OPOSTestApp_1.4.9.4.exe

2.4 OPOS Release 1.4.8

Table 2-7 Telium OPOS New Functionality and Improvements

Issue Number	Description
RETAILMNT-315	Supports the following UPOS properties for the PIN Control -AvailableLanguagesList Property -AvailablePromptsList Property -CapLanguage Property -Prompt Property -PromptLanguage Property
NA	Supports Jungo driver for serial-USB connectivity.
RETAILMNT-833	Added Tone1Duration, Tone1Frequency, Tone2Duration and Tone2Frequency option in control panel app to modify the terminal's TONE1 and TONE2. Add logic on OPOS driver to set the above 4 variable values in the terminal on Control's DeviceEnable. POS App can also use DIO_Set_Variable command to set the above variables.

Table 2-8 Problems Fixed

Issue Number	Description
RETAILMNT-1073	DirectIO Retrieve File function failed to save the retrieved file to a physical disk location if memory buffer option (pData=1) is selected.
RETAILMNT-271	OPOS Driver does not raise a DirectIO event for all MSR Reader types to notify the source of Data.

Table 2-9 Telium OPOS contents summary

Description	Package Identifier	Component Contents
Telium OPOS package component in Software Integration Kit.	IK-OPOS-06.20	<ul style="list-style-type: none"> • CLSID.reg • IsOPOSPresent.vbs • OPOS for the Ingenico Telium2 v1.4.8.3.exe • oposTelium2_32bits.ini • oposTelium2_64bits.ini • RegPusher.exe • silent install options_32bits.bat • silent install options_64bits.bat • Silent Install Settings_32bits.iss • Silent Install Settings_64bits.iss • silent install_32bits.bat • silent install_64bits.bat • silent uninstall.bat • uninstall.iss • versions.bat
Telium OPOS Test App component in Software Integration Kit.	IK-OPOS-06.20	<ul style="list-style-type: none"> • SETUP_OPOSTestApp_1.4.8.3.exe