



beyond  
payment

## Telium OPOS IK Release Notes

**Part# IK-OPOS-04.00**

November 11<sup>th</sup>, 2011

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## 1. Overview

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Integration kit IK-OPOS-04.00 provides support for developing OPOS compliant application interfacing with Ingenico's Telium terminals; ISC250, ISC350, IPP320 and the iPP350 devices. Kit includes the latest stable release of our UPOS terminal application, Ingenico OPOS driver, sample test application, Telium Tools, download tool and supporting documents. This document describes the changes to software components included in this release.

## 2. Telium Common Components Software Changes

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The following sections describe the changes to Ingenico's Telium Common Components from SDK8.1.2 to SDK8.2.0. The changes are described in the following sections [New Functionality](#) and [Product Improvement](#) and [Fixing of Reported Problems](#) sections. The Telium SDK Common Components included in this release are part of the UIA load package defined by the following identifier in the UIA Splash screen after boot up:

Telium v10.80

### 2.1. Description of Change

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The primary changes to the baseline software for this development program include the following.

#### 2.1.1. New Functionality and Product Improvement

The changes to the baseline software for this certification included the following:

- Valid USB HID vendor and product IDs are now fully supported on IPP320, IPP350, ISC250, and ISC350.
- Improvement to finger and pen touch on ISC250 and ISC350 screen when contactless is enabled.

#### 2.1.2. Fixing of Problems Reported

Problems that were reported by customers and/or Ingenico Quality Assurance and were included the following:

Problems Fixed

- Device no longer boots to USB-CDC by default causing Windows to prompt for driver even though it was set to USB-HID. It now remembers the last known setting.
- Correct hardware name now appears in Device Manager when device is connected via USB.

## 3. OPOS Software Changes

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The following sections describe the changes to Ingenico software for OPOS release from version 1.4.2 to version 1.4.5. The changes are described in the following sections New Functionality and Product Improvement and Fixing of Reported Problems sections. The OPOS components included in this release are defined by the following identifier:

OPOS Version 1.4.5.1

### 3.1. Description of Change

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The primary changes to the baseline software for this development program include the following.

#### 3.1.1. New Functionality and Product Improvement

The changes to the baseline software for this certification included the following:

- Added capability to retrieve multiple MSR data packets. Driver can sequentially retrieves multiple smaller packets of a large MSR data.

#### 3.1.2. Fixing of Problems Reported

Problems that were reported by customers and/or Ingenico Quality Assurance and were included the following:

Problems Fixed

- None

## 4. UIA Software Changes

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The following sections describe the changes to Ingenico software for UIA release from version 1.4.3 to version 1.5.0. The changes are described in the following sections New Functionality and Product Improvement and Fixing of Reported Problems sections. The UIA components included in this release are defined by the following identifier:

UIA Version 1.5.0.0003

### 4.1. Description of Change

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The primary changes to the baseline software for this development program include the following.

#### 4.1.1. New Functionality and Product Improvement

The changes to the baseline software for this certification included the following:

- Added capability to delete specific file in terminal HOST directory with the exception of TDA.XML
- Content files, such as MP4, JPG's and K3Z files can now be loaded directly to the HOST directory without being packaged into a TGZ package.

#### 4.1.2. Fixing of Problems Reported

Problems that were reported by customers and/or Ingenico Quality Assurance and were included the following:

Problems Fixed

- PIN entry no longer has noticeable delays when user enters subsequence PIN number rapidly.
- UIA returns check box data correctly.
- UIA returns a PIN entry timeout status after the preset timeout value has elapsed. This timeout value applies to both the first key and interkey timeout values.
- PIN entry now functions correctly when re-enabling PIN entry after a preset timeout has lapse.
- Fixed latency issue with button presses when full screen images are used in forms.

## 5. Telium Tools Software Changes

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The following sections describe the changes to Ingenico software for Telium Tools release from version 1.4.2 from version 1.5.0. The changes are described in the following sections New Functionality and Product Improvement and Fixing of Reported Problems sections. The UIA components included in this release are defined by the following identifier:

Telium Tools Version 1.5.0.0001

### 5.1. Description of Change

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The primary changes to the baseline software for this development program include the following.

#### 5.1.1. New Functionality and Product Improvement

The changes to the baseline software for this certification included the following:

- None

#### 5.1.2. Fixing of Problems Reported

Problems that were reported by customers and/or Ingenico Quality Assurance and were included the following:

Problems Fixed

- Fixed performance issue when CTG (Clear Text Graphic) component covers the entire screen.

## 6. Other known issues, configuration notes and workarounds

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- When user installs fresh copy then all the settings are default e.g. default screen size is ISC350. If user changes the form to IPP320 then in order to create a screen for IPP320, user has to create a new form as currently displayed form doesn't change to IPP320 automatically.
- In Windows XP, Prompts.xml gets stored at C:\Program Files\Ingenico\Telium Form Builder\Resources but CustPrompts.xml gets stored at C:\Documents and Settings\All Users\Ingenico\Telium Form Builder\Resources
- While creating forms for IPP350 and IPP320, when f1enabled is set to false then F1 button disappears from the screen, similarly F2,F3 and F4 disappear. Per developer, this is by design not a bug.
- For CTG controls, all the images inside the controls must be signed and packaged inside CTG folder.
- 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. JAVAPOS use DirectIO 0x09 command to initiate a reboot.