



beyond
payment

ADD-ON UNATTENDED VERSION 4.0 RELEASE NOTE

Reference: ICO-OPE-00797-EN V1

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1. Packages

This add-on is compliant with Telium SDK 9.10.0

Document How To Develop on Unattended is provided in Telium SDK.
It presents the main points to know to develop applications onto unattended terminals.

2. Terminals

2.1. All terminals

This add-on is compatible with the following devices, configuration according with parameter files:

- CAD30 UCM
- CAD30 LS
- CAD30 PPS
- CAD30 USR
- CAD30 UPP
- CAD30 UCR
- Vending Pass
- iUC150
- iUC180
- UC180B (for development)
- iUP250
- iUR250

2.2. Compatibility

- iUC150, iUC180, iUP250, iUR250 are managed since add-on Unattended version 3.0
- iUC180B is managed since add-on Unattended version 4.0 (for development)

2.3. Catalogues

Following catalogues are provided:

Category	Catalogue	Configuration
Platform	CBS_PROD.m34	CAD30 UCM + MPC10S peripheral
Platform	UPT-C_PARKEON_PROD.m38	CAD30 UCR + CAD30 UPP
Platform	UPT-C_PROD.m38	CAD30 UCR + CAD30 UPP
Platform	UPT_PROD.m34	CAD30 UCM + CAD30 USR + CAD30 UPP
Platform	VS_PROD.m34	CAD30 UCM + CAD30 VR or/and CAD30VP (add-on contactless needed to install CAD30VP drivers)
Platform	iUC180.m50	iUC180
Platform	iUC180B.m55	iUC180B
Platform	iUP2xx.m49	iUP250 + iUR250
Protocol	PROTOCOLE_F-BANKING_PROD.m34 (or m38 or m49 or m50 or m55)	Dialog protocol for hosts French Protocol SES1042
Protocol	PROTOCOLE_VENDING_PROD.m34 (or m38 or m49 or m50 or m55)	Protocol for vending machines (MDB or Executive)
Audit	AUDIT_PROD.m34 (or m38 or m49 or m50 or m55)	Components for telemetry

3. Highlighted points

3.1. New terminals

Management of iUC180B is added for development only.

3.2. New functionalities

For vending application, possibility to use color backlight as EVA leds is added on iUx devices only.

3.1. Improvement

Issue in iLIBUCM_Icc_PowerOn with synchronous cards is now fixed.
It needs applications to be compiled with library add-on unattended 4.0.

3.2. Libraries compiled with ARM RVD/ADS

Reminder:

From Telium SDK 9.14 (Q3 2013), we will provide only libraries compiled with GNU. Libraries for ARM compiler (formerly in SDK\lib_rvd) will not be provided anymore.

From SDK 9.6.0 to SDK 9.12.x, libraries compiled for ARM are declared deprecated and are provided in the directory SDK\lib_rvd_deprecated.

These same rules are applied in this add-on.

3.3. Parameters

You have to check if new version of UCMC parameters file is provided.
In this case, don't forget to reload it.

3.4. Changes of APIs

If you re-compile your application, be aware of the following changes of API.

3.4.1. Between versions 3.3 and 4.0

No incompatibilities.

For vending application development, you should manage evolution in structure `T_UCMHOST_DA_PARAMV5`: `ucRuf2` becomes `ucEVA`.

3.4.2. Between versions 3.2 and 3.3

There is no change in this release.

3.4.3. Between versions 3.1 and 3.2

`T_UCMHOST_CARD_APPLI` becomes `T_UCMHOST_CARD_APPLI2`.

`ucRuf[10]` becomes `ucEndVal2[6]` and `ucRuf1[4]`.

For lever lock (IUR250) and key jammed (IUP250, UPP) commands, use at least SDK9.4.1.

3.4.4. Between versions 3.0 and 3.1

No incompatibilities.

3.4.5. Between versions 2.6.1 and 3.0

No incompatibilities.

3.4.6. Between versions 2.6 and 2.6.1

In `UCMHOSTDLL.h`, new version of structure in structure `T_UCM_HOST_R_DEBIT V3`.

3.4.7. Between versions 2.5.1 and 2.6

In `UCMHOSTDLL.h`, name `uiScaleFactor` replaces `usiScaleFactor` in the structure `T_UCM_HOST_DA_PARAM V5`.

3.4.8. Between versions 2.3 and 2.5

There was a change of API between versions 2.3 and 2.5 of this add-on:

- In libraries UCMC, UCMSTART, UCMHOST:
 - `T_UCMHOST_DA_PARAMV5` replaces `T_UCMHOST_DA_PARAMV4`;
- `iLIBUCM_Pinpad_Is_Connected()` changed by `iLIBUCM_Pinpad_Is_Connect()`.

4. Reminder

When installing for the first time SDK or Add-on on a 64 bits Windows PC, installation is now proposed with the default installation path without "()" characters. "C:\Program File"

5. Issues solved in this release by component

5.1. Parameters

New configuration are added: IUC180B and IUC180B+IUR250.

5.2. OS CAD30 VR

No evolution.

5.3. OS CAD30 UPP

No evolution.

5.4. OS CAD30 USR

No evolution.

5.5. OS iUR250

Internal improvement.

5.6. UCM Component

5.6.1. UCM component

Following points are delivered in this release.

Internal tracker	SUPTEL	Issuer	Description
13483	SUPTEL-5158	NAR	API added to retrieve the ATR: iLIBUCM_Icc_PowerOn(, UCMCICC_POWER_ATR,)
14178	SUPTEL-5673	Italy	Fix iLIBUCM_Icc_PowerOn with synchronous cards. Need application compilation with library add-on unattended 4.0.
14337	SUPTEL-5770	Spain	Improved startup time
14279			For DLL Vending: Backlight management for IUN instead of EVA Leds
14280			DLL EXE: New mode with cashless.

14283			Add flash option for API iLIBUCM_Display_Backlight_Color() and iLIBUCM_Icc_Backlight_Color().
14284			Add iLIBUCM_Device_Backlight_Color() API.
14285			Add iLIBUCM_Device_Ttestall_Stop() API.
14291			New configuration IUC180B+IUR250
14293			IUC180B management
14294			Optimization iLIBUCM_Icc_Status() API.
14295			Restart occurs if the manager is initialized via PARAM.INI.
14296			Protection of iLIBUCM_Device_GetStatus(UCM_DEVICE_HOST) if no DLL protocol
14297			Optimization centering the display if the text begins with white and the lines are too long
14298			If error display product name instead of the number in the configuration
14302			Every minute iUC150 presence checking.
14352			Improved detection of multiple USB devices
14353			If restart, display at the same time the cause and reboot. Example: "Reader IUR250\nError\nRESTART 1/3..."
14354			T_UCMC_IAC_BUZ: API management buzzer delay in unit of 10ms.
14355			Deep sleep mode: Recovery Manager parameters as CAD30.
14362			Creating a service to retrieve the DLL init Secu iLIBUCM_Device_Cmd (UCMDEVICE_CMD_GETDLLSECU)

5.6.2. UCMC libraries

Internal tracker	SUPTel	Issuer	Description
14178	SUPTel-5673	Italy	Fix iLIBUCM_Icc_PowerOn with synchronous cards. Need application compilation with library add-on unattended 4.0.
14283			Add flash option for API iLIBUCM_Display_Backlight_Color() and iLIBUCM_Icc_Backlight_Color().
14284			Add iLIBUCM_Device_Backlight_Color() API.
14285			Add iLIBUCM_Device_Ttestall_Stop() API.

5.7. Audit Component

No evolution.

5.8. UCM fonts

No evolution.

Reminder:

The font file is now provided for Telium 2 platform.

Its name complies now with the Telium naming rules.

Font file with old name (Vending.FON) is provided in the directory \Component\Font_deprecated for compatibility if an application uses font name in its code.

Renamed font (8442930102.FON), signed in Telium 1 and Telium 2 modes is provided in directory \Component\Font.

5.9. DLL UCMSTART

Following points are delivered in this release.

Internal tracker	SUPTEL	Issuer	Description
14337	SUPTEL-5770	Spain	Improved startup time
14293			IUC18oB management

5.10. DLL HOTE10S (French protocol SES1042)

No evolution.

5.11. DLL DEXUCS

No evolution.

5.12. DLL P4o

No evolution.

5.13. DLL DDCMP

No evolution.

5.14. DLL MDB Gateway

Following points are delivered in this release.

Internal tracker	SUPTEL	Issuer	Description
13370			Add selection first procedure.
13701			In selection first mode, add Price on display before asking for the card.
14282			MDB preselection can be activated by an application
14300			Add iUC180B as possible Model Number for Peripheral ID command.
14305			Add possibility to use color backlight as EVA leds

5.15. DLL UCI

No evolution.

5.16. DLL PMPC10S

No evolution.

5.17. DLL TCADV

No evolution.

5.18. DLL DOUBLE EXE

Following points are delivered in this release.

Internal tracker	SUPTEL	Issuer	Description
14386			[FRENCH DOMAIN] UCMH0ST_VENDING_MODE_SELECTION_FIRST_NO_MIXED managed
14387			IUC180B management
14388			Backlight management as EVA Leds

5.19. DLL CAD30 USR

No evolution.

5.20. DLL Ext_Reader

Internal improvement.

5.21. Application GET_READY

No evolution.

5.22. Application GET_READYTH2

Internal improvement.

5.23. Samples

Following points are delivered in this release.

Internal tracker	SUPTEL	Issuer	Description
13174			Signature option is disabled in Telium Project for all releases
14682			The sample "Banking" is removed. The sample "bankingChipPin" becomes "ChipPin".

5.24. Documentation

Following points are delivered in this release.

Internal tracker	SUPTEL	Issuer	Description
13467	SUPTEL-5153	NAR	Precisions added for buzzer API
14150	SUPTEL-5648	Australia	iLIBUCM_Pinpad_Getchar: documentation for returns code.

6. Version of components

The following table compiles the versions of components provided in this version of package and in the previous ones. In this table, grey cells correspond to evolution of the component.

Date	Pack	System				DLLs												Components		Applications	
		CAD30 VR	CAD30 UPP	CAD30 USR	iUR250	UCMStart	HOTE10S	DEXUCS	DDCMP	MDB Gateway	DOUBLE EXE	UCI	PMPC10S	TCADV	P40	CAD30 USR	Ext Reader	UCM	Audit	GET_READY	GET_READYTH2
24/05/2013	4.0	2.20	1.14	1.09	3.76	4.00	3.01	1.09	1.03	4.03	2.17	1.03	1.07	1.01	2.01	1.04	2.01	4.00	2.05	1.05	2.01
17/01/2013	3.3	2.20	1.14	1.09	3.60	3.06	3.01	1.09	1.03	3.06	2.14	1.03	1.07	1.01	2.01	1.04	1.04	3.06	2.05	1.05	1.03
03/08/2012	3.2	2.20	1.14	1.08	3.06	3.04	3.01	1.09	1.03	3.05	2.13	1.03	1.07	1.01	2.01	1.04	1.03	3.04	2.05	1.04	1.03
30/03/2012	3.1	2.20	1.13	1.08	1.25	3.02	3.00	1.09	1.03	3.04	2.12	1.01	1.07	1.01	2.01	1.04	1.03	3.02	2.05	1.04	1.03
20/01/2012	3.0	2.20	1.13	1.08	1.21	3.01	3.00	1.09	1.03	3.04	2.11	1.01	1.07	1.01	2.01	1.04	1.02	3.01	2.05	1.04	1.01

WARNING: Integrity of TELIUM Manager and TELIUM System must be respected

You shall respect the integrity of SDK components (c.f. list)
and **never mix components from different SDKs**, except following INGENICO requirements.
INGENICO only guarantees a standard package. Partial or modified packages cannot be either downloaded, nor supported, nor
guaranteed by INGENICO.

This SDK is available on CDROM format on request or can be downloaded from INGENICO FTP server.