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Révision / Revision : **A**

Titre /Title : **SDK 6.3 release delivery**

Programme / Subject :

Approbation de la révision / Revision Approval : A		
	Nom <i>Name</i>	Fonction <i>Function</i>
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Révision <i>Issue</i>	Date de validité / d'application <i>Validity/application date</i>	Nb de pages <i>Nb of pages</i>	Nb de pages annexes <i>Nb of appendices</i>	Objet et description de la modification <i>Object and description of modification</i>
A	May 2009			Release SDK 6.3

1 **INTRODUCTION**

This document describes the content of the SDK 6.3 delivery and evolutions/corrections from SDK 6.2.2.

2 **SDK**

Evolutions

[FT 4782] TCPIP package is included inside SDK. Previously it was a separate package.

3 **TELIUM SYSTEM**

The Telium System delivery is the pack 7.73

- **Telium Générique**

[FT 3098] Correction : to manage magstripe life counter on Booster 2

[FT 4219] Evolution : add KEYBOARD in driver to manage ZKA

[FT 4416] Evolution : possibility when few booster are connected to run few schemes in parallel.

[FT 4677] Correction : on Telicapt to prevent blank line on printer

- **ICT250 :**

[FT 4595] Correction : on paper detection on ICT250 with GPRS option

- **Booster III : Main evolutions to Italia certification**

[FT 4511] Correction : on security frame not correctly managed

[FT 4669] Correction : extend RSA exponent key length to more than 4 bytes in functions computing public key.

- **Driver GPRS**

[FT 4153] Evolution : the driver is able to provide hardware and firmware version of GPRS module
Requested by LAR.

To do that, use `fiocctl DGPRS_FIOCTL_GET_INFORMATION`

- module name is returned in field : `module_identification`

- firmware version is returned in field : `module_software_version`

[FT 4602] Correction : in case of MO200, return value "MO200" instead of "M0200" (M zero..)

[FT 4603] Correction : to avoid bad synchronization between messages sent and received

[FT 4604] Correction : module selection command `\\V1` was not correctly managed

[FT 4613] Evolution : GPRS driver is now able to provide SIM provider name.

ML30 / SMART 2 : Main evolutions : requested by Germany

[FT 4438] Evolution : Increase performance of IAPP (Thunder / booster communication)
 [FT 4499] Evolution : free RAM not used (128 bytes) by display driver.
 [FT 4526] Evolution : possibility to provide to schemes the following informations :
 Booster1,2,3, Pin pad present/no and VardId

- **930 Morpho**

[FT 4538] Evolution : on EFT930 Morpho : manage new extension board compatible with 930 BL1 and 930BL2

- **MR40 - CAD30 UPT**

[FT 4712] Evolution : if the MR40 go into light sleep mode, card redraw don't wake-up the MR40
 [FT 4713] Correction on fast swipe linker with correction done on FT4626

4 TELIUM MANAGER

The Telium Manager delivery is the pack 52.00

[FT 4086] Correction on Manager state ticket. Flash free is now correct.

[FT 4243] Evolution on colour display :possibility to modify message font on
 - information message
 - get amount
 - Waiting card

[FT 4245] Evolution : improve speed on C'Less

[FT 4320] Evolution on Manager state ticket : print ZKA mode (yes/no) print accept previous version (yes/no)

[FT 4360] Correction on message customisation : restore correct parameter
 Enable display header on EFTSmart
 Display header size
 Display header position high/low

[FT 4444] Evolution : If default currency doesn't exist, use EURO as default

[FT 4550] Evolution : use font and messages files in PGN format on ICT with functions
 LoadFont and LoadMSG

[FT 4610] Correction on UCM on PinPad display management.

DLL Security 03.05 with evolutions/corrections

Add function SEC_SHA1Compute

Correction on SEC_RandomData

Speed optimisation on Telium 1

[FT 4683] correction to manage the 40 schemes with security DLL.

5 TCPIP

TCPIP package delivery is the pack 03.05

- Evolution : DLL SSL and DLL FTP are provided on Telium 1 and ICT format.

FTP :

FT 4537 Correction : bad Telium 2 signature

SSL

[FT 4208] Evolution : Add SHA-256 certificate management

[FT 4307] Correction : manager serial number higher then 4 bytes.

[FT 4342] Correction : on function SSL_New when the certificate is no correct.

6 LINKLAYER

[FT 4763] **MAJOR CORRECTION** : on function LL_GetHandle when the function is called to get PPP handle of GPRS (parameter LL_GET_HANDLE_GPRS) with Session handle == NULL.

7 SCHEMES

Neither evolution nor correction

8 TOOLS

No modification