Titre /*Title* : **SDK 6.4 'Preliminary version' release delivery**

Programme */ Subject* : TELIUM SOFTWARE

Approbation de la révision / *Revision Approval* : **A**		
	Nom *Name*	**Fonction** *Function*
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Révision *Issue*	Date de validité / d'application *Validity/application date*	Nb de pages *Nb of pages*	Nb de pages annexes *Nb of appendices*	Objet et description de la modification *Object and description of modification*
A	June 2009			Release SDK 6.4 'Preliminary Version'

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1 INTRODUCTION

<div style="border: 2px solid red; color: red; text-align: center; font-weight: bold;">

THIS PACKAGE IS A <u>PRELIMINARY VERSION</u>; ITS VALIDATION IS CURRENTLY IN PROGRESS. IT MUST ONLY BE USED FOR DEVELOPMENT PURPOSE.

IT MUST NOT BE DELIVERED TO FINAL CLIENTS.

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This document describes the content of the SDK 6.4 'preliminary version' delivery and evolutions/corrections from SDK 6.3.

2 TELIUM SYSTEM

The Telium System delivery is the pack **08.04**.

2.1 TELIUM GENERIC

FT4923	Downloading didn't work in system package 08.02
FT4946	Rarely, MicroSD was blocked on Smart2
FT4960	PP30S and P30 removed from all Mockup catalogues
FT4698	External command was lost if occurring too near of an external command
FT4705	Too long GSM disconnection
FT4791	Management of the L38 retrofit mode on EFT930S_GEM.
FT4860	Problem of uploading of SIM ID for GPRS HiLo
FT4035	Some MMC cards weren't functional
FT4390	Possibility added to download an application in system disk in debug mode
FT4891	Simulator tags
FT4425	IP stack upgraded to the last Nexgen version PPPOE added
FT4752	Check of the signature by parts
FT4772	Possibility to have a swap disk greater than 4 Mo
FT4777	Buffer overflow in the function SecurityParamInitialize.
FT4783	Convenient management of "Flash full" for Telium 1 and 2
FT4785	Problem of uninstall of the CAM
FT4811	Reboot when call to the function read_dateUsb
FT1841	Reboot on EFT930W and EFT930B when call to the function gethostbyname_r
FT3368	930s didn't go to LLT mode after F1-2-3-4 sequence
FT4088	SYSTEM flash disk size modified.
FT4451	System function added to read the list of applications (possible whatever the disk)

FT4514   Correction of the problem of SetNextWakeUp when the Booster date is protected

FT4519   Forbid multiple use of LinkPer() with the same parameter

FT4568   FS_dsklist did not operate properly

FT4670   Invalid DLL extent on start-up for UCM

FT4676   Correction of the reset on PMD request.

FT4737   Possibility to downgrade a system if the system disk size didn't change

FT4755   Reset during ADSL connexion

FT4759   Possibility to download without IP with SSL

FT4391   Ingetrust : Allow the start-up of the terminal without being stuck by LDbg

2.2   COLOR TERMINALS (930 BL2 AND ICT250)

FT4909   PMD added to the color driver

2.3   ICT220 / ICT250

FT4352   Management of CAM2 and SAM3 for the option card

FT4539   Management over 65535 SWI instead of 255

FT4559   Reset in the function EncryptPINDukptDES for ICT220

FT4689   Possibility to change CAM frequency

FT4771   5 secret zones available

FT4786   Alignment constraints removed on the hardware DES

FT4510   Ethernet driver accessed to a physical address instead of a virtual one.

FT4776   Pinpad didn't work with an ICT when ZKA mode was activated

FT4807   Evolution to forbid the downgrade of BL3 system 8300640125

FT4841   SAM1 reset on ICT250

FT4557   COM2 management on ICT 220.

FT4744   Display of the repudiation of fake keys (ICT220 : BOOSTER3.DIA)

FT4746   Security configuration number added for ICT220

FT4767   Wrong flash size information.

FT4654   Use of COM2 for the GPRS driver

2.4   ICT220/250 : BOOSTER III

FT4792   PayPass driver 1.1 for PN512

FT4819   The function ddir didn't work in a scheme for RKI Ingetrust

FT4854   Correction of the reset when enter in maintenance mode (due to the increase of RAM used when contactless were integrated)

FT4869   Correction of the problem on first loading on ICT250

FT4901   Change on the initialisation of the screen to not erase the factory parameters

FT4906   Correction of the randomly reset during RKI key injection process for RKI Ingetrust

FT4910   Incorrect number of parameters for sha256_finish

2.5 EFT930BL2

FT4922   Association of a non Bluetooth terminal on a 2LS base.

FT4795   Overconsumption for MMC option cards used with EFT930BL2

FT4884   BC06 Bluetooth drivers added in 930BL2 catalogues (m39).

FT4608   LDBG didn't work on 930S BL2

FT4703   Correction of the reset (instead of shutdown) of the 930BL2 after a yellow key press

FT4704   Function added to get the color structure address

FT4774   P30 et PP30S systems removed from 930BL2 catalogues 930BL2 (m39).

2.6 SMART 2

FT4747   Security configuration number added for SMART 2

2.7 CAD30

FT1668   IRDA/ last character was sometimes not sent correctly.
FT3855   Correction of the lost of the first byte for reception on a serial link with stream control
FT4523   Correction of the bug on Telium Pass start up with CADTOOL

2.8 MR40

FT4814   Correction of the problem when the terminal goes into sleep just after a swipe reading
FT4797   Correction of the wrong swipe reading after card staying in the swipe when the terminal goes to light sleep
FT4608   LDBG didn't work on MR40

3 TELIUM MANAGER

The Telium Manager delivery is the pack **53.97**.

3.1 NEW IN THE MANAGER

3.1.1 New features

FT4363	Customisation of the messages of the Manager: AID name and message "Confirmation?" are not displayed anymore, blank screen instead. POS still wait for confirmation or cancel.
FT4697	It is now possible to have a beep when a key is pressed
FT4768	Shortcut to Bluetooth association menu
FT4773	Only for French region : Printing of the architecture type or message 135 in the state ticket
FT4899	New catalogue m38 (MR40) for manager
FT4927	API added to enable or disable from the application an external pinpad
FT4943	Change of the color of the contactless logo background
FT3702	Maximum number of applications becomes 32 (instead of 15) for some entry points
FT4360	Change presence of footer, size, position of header with MANAGER.PAR
FT4535	At start-up, the security configuration number is displayed
FT4609	Possibility of changing header position (top or bottom) on black and white terminal.
FT4613	Sim provider replace network name in the header
FT4614	Selection of non-EMV application
FT4658	Change of color by manager.par
FT4738	Only for French domain : Evolution on the IPDU for bulletin 8

3.1.2 Corrections

FT4742	In the header in colour: Management of the handset logo when calling in GSM mode Management of the battery logo when no battery into POS.
FT4802	When the manager was waiting for battery level > 5%, there was a dead lock with color displays if header was activated
FT4926	There were some pixels default when printing a sequence of two bitmaps
FT4939	Remapping of the DLL on SMART2 (problem was between DLL PPS30 and DLL entry)
FT4769	Only for French domain : Identification RFC1086+ frame problem
FT4813	Manage ICT250 contactless logo position correctly

3.2 DLL SECURITY

The DLL Security is the pack 03.07.

FT4885   Deletion of a key is now possible on Telium 1 without erasing the secured area.

3.3 TCPIP

No evolution: TCPIP package delivery is the pack 03.05.

4 LINKLAYER

No evolution.

5 SCHEMES

No evolution.

6 SDK

FT4970   Bad version of trace.exe for Telium1 in the SDK

FT4806   Version of the Telium simulator is upgraded to 2.1 (source code of the simulator is now generated automatically by the SDK team). As this version is in test, this one and the old one are provided with this version. By default, it's the version 1.39.

7 TOOLS

No evolution.