



UniUpdate 0008

Product & Technical Support Information

Dear Distributors and Partners,

we are proud to announce the release of JMobile Suite software V1.5. Some preliminary build of the V1.50 has been released to pilot application and we have decided to close the real official one as V1.55. Features contents is the same as the announced V1.50.

JMobile V1.5 is now available for download from the JMobile web site, in the Download area accessible from the Support section, after you are logged in.

This release represents an important milestone in the life cycle of the JMobile platform as it confirms our commitment to continuous evolution as well as our dedication to making it a reliable and performing piece of software.

This version is the first release to officially include the support for the new eTOP Series 500. The eTOP504 is the first product of the new series to be available for orders.

Note: JMobile V1.5 contains a preliminary support of the SD removable storage media. As first the SD card can be used to support all the "dump" operations, such as dumping trend buffers or historical alarms' buffer.

JMobile V1.5 has been released after a long period in which the system has been tested both internally by our testing team and with the very valuable help of a big number of early adopters. These users have given their precious contribution in working with the software, testing the system, making real applications and reporting problems.

We believe that the system has reached a very good level of stability and it is also featuring an attractive list of useful features.

The jmobile.net web site, under the "Support" session, collects the list of changes introduced in this new version as "Release Notes". The list includes both new features and bug fixes.

The new features are identified as "Activities" under the "Severity" column. The web site provides also a snapshot of the known issues.

We believe special attention is due to one open "known issue". We have identified a situation in which the touch pressing events on one page are transferred to the next page after the screen change. The final fix will be available in Service Pack 1.

A Power Point presentation is also available in the JMobile web site to give a snapshot of the newly added features.

It can be downloaded from this [link](#).

The online help document has been also updated to match the new features

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added and improved adding additional explanations for some of the existing arguments.

We would like to confirm our commitment to a constant improvements of the JMobile documentation in order to provide a better service.

The next activities will be concentrated mainly in providing video tutorials and sample projects, together with a constant update of the arguments already present in the document.

The specific documentation related to the use of the communication drivers will become also part of the online help.

The printable version of the on-line help is available for download from the jmobile.net web site as [ptn0343](#) .

From this moment all the information not directly available in the on-line help will be added to the FAQ section of the JMobile web site. The next official release of the JMobile software will be then the natural occasion for a revision of the on-line documentation.

JMobile V1.5 is compatible with projects created with the official releases V1.00, V1.00 (01) and V1.00 (02), but requires the runtime on target to be updated and aligned; in particular, any version released as "beta" and marked as V1.45, will have to be updated as well.

A proper message will inform you about the need of proceeding with runtime update. The runtime on target devices can be updated both from Studio (Update runtime command available in the Manage Target tool) and from the USB stick using the update package.

The online help contains the information about how to handle the runtime update in the chapters "Updating runtime from Studio" and "Updating runtime from USB pen drive".

Note: The internal testing did show an issue with upgrade of versions 1.00 (02). Remaining all the projects previously created compatible, you may need to update the 1.00 (02) runtime version manually. Please contact technical support for any assistance with this.

JMobile 1.5 is compatible with all UniOP eTOP400 series units, starting from the Operating System version V2.37.

The BSP (Operating System) version can be read directly from the panel, using the System Settings menu activated in User mode. Please refer to the JMobile User manual, in the "System setting tool" chapter.

Note: some newly added features in JMobile V1.5 require anyway an updated version of the BSP (Operating System). The features that require an update of the Operating System are the following:

- the internal CoDeSys controller supports now more than one client connection
- the internal CoDeSys CANopen controller supports now the heartbeat function
- the screen saver function (backlight switch off) has been modified to ignore the first touch even that will simply disable the screen saver and do not pass to the JMobile application the touch event
- the format flash operation available in System settings (when executed in system mode) is now much more performing and fast.

In case your application requires an update of the panel system components, please contact Sitek Technical Support that will be happy to assist you in the upgrade process. The JMobile User manual describes anyway the entire procedure. Please check the "Update System Components for UniOP Panels" chapter.

Sitek production will be aligned with the new version of the Operating System in the next weeks. You will be promptly informed via this mail list.

With JMobile V1.5 we will also start to make available the support for the

Siemens MPI driver.

The MPI protocol will be supported directly from the integrated serial port and does not require any more the use of TCM optional module.

The Siemens MPI protocol requires a specific support at the operating system level that has been introduced starting from the following BSP versions:

- eTOP400 BSP V2.53

- eTOP504 BSP V1.37

Please do not hesitate to contact the technical support if you need any clarification.

JMobile V1.55 is the first version that includes officially the support for the internal controller CoDeSys. In JMobile the soft PLC CoDeSys has been implemented as a "module" of the JMobile runtime. To ensure the proper handling of the licensing model we have introduced a mechanism that controls the activation of the built-in controller.

In the final set-up the PLC run-time is in fact NOT active and requires optional hardware for the activation.

There will be two TCM modules for this activation:

TCM19: CAN interface + CoDeSys 2.3 licence. Hardware compatible with TCM09

TCM20: CoDeSys 2.3 licence (no communication interface)

Please note that a normal TCM09 will NOT activate the CoDeSys run-time.

Similar situation will be in the Series 500 with the new PLCM modules for local I/O.

We will follow up with proper additional information from the sales office.

Regards

Simone MORI



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