JMobile® Studio

the human machine interface

JMobile PC Runtime,
The Soul Within

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JMobile Runtime for Windows is a unique HMI platform that combines advanced HMI features and full vector graphics with powerful web technologies. You can choose the platform to monitor and control your equipment with tags, alarms, schedulers, recipes, trends, Javascript logic and events while at the same time gain universal web access, e-mail alerts and mobile display. JMobile Runtime for Windows can be run on both PCs and Industrial PCs.
JMobile has been developed as a client/server application. You can easily set-up remote access for your applications. Created on the base of Internet technology, it is the ideal tool to display the data that you want wherever you need.
JMobile Runtime provides connectivity with the most popular factory and building automation protocols, based on Ethernet and serial interfaces. JMobile can connect with up to 4 different communication protocols at the same time. You can choose the communication protocol from a continuously growing list. The HMI display is based on Scalable Vector Graphics (SVG). SVG is a vector based graphic engine that includes gradients, transparencies and transforms and draws smooth lines and text at any zoom level.
JMobile Runtime includes an advanced system that allows you to monitor and record any number of alarms and events. When an alarm or event occurs, the information can be presented on the HMI and can also execute macro actions or Javascript functions. The data-logging features built in JMobile Runtime are ideal for acquisitions, storage/archival and screen presentation of large amounts of real-time data.

- Tag Database max 4000 tags
- Multiple drivers communication capability with support for a wide range of communication protocols for Factory and Building Automation systems
- Realtime and Historical Trending
- Alarms and alarm history
- Recipes
- Time Scheduler
- Event Lists
- MultiLanguage applications with text import/export
- TrueType fonts
- SVG Graphics: full vector graphic supported
- Animation: full object dynamics (transparency, visibility, resize, rotation, movement etc.)
- Macros: Rich set of actions ready to be configured
- HMI Symbols: Rich gallery of symbols and objects
- Remote monitoring and control with Client-Server functionality
- Access control with user and password management
- Audit Trail
- Page Templates
- Streaming Video interface*
- JavaScript Logic: Powerful scripting language for automating interface applications
- Off -line simulation of the application with JMobile Studio*
- e-Mail Alerts
- CGI interface
- SSL Security
- XML Configuration
- Integrated Web Server
- Integrated Web Browser *
- Integrated FTP Server

System Requirements

Windows XP –SP2 or SP-3, Windows Vista SP1 or SP2, Windows 7, Windows 2003 Server
256 MB of disk space
Minimum of 512 MB RAM
Ethernet interface

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