



SIERRA WIRELESS M2M Studio

Integrated Development Environment

Set Your Creative Mind Free

Embedding your M2M software application inside a Sierra Wireless product reduces the total cost of ownership of your cellular product. M2M Studio is the single PC based environment to help achieve this goal during development, build, download, debug and test stages.

Fully Integrated Development Environment

M2M Studio is a brand new generation of the Sierra Wireless IDE (Integrated Development Environment). The new IDE has fully integrated components which were previously isolated: source code editor, project build wizard, development tool chain, target download, RTE mode monitor, JTAG debugger, terminal emulator, trace emulator. All these components within a single tool allow users to increase efficiency in project design.

The Eclipse™ Advantage

M2M Studio brings you several advantages due to its architecture being built on Eclipse™ Galileo. As a result, the development environment is:



→ **Familiar**

The Eclipse™ interface is in use by a large developer community.

→ **Open Design**

The Eclipse™ framework interfaces with numerous related software and configuration management tools such as SVN and source code static analysis tools (ie.LINT).

→ **Autonomous**

No external tools are required to run M2M Studio.

→ **Standalone**

A single PC can use several M2M Studio versions and/or other development environments based on Eclipse™. No Windows® registry changes are made.

Accelerate Your M2M Application Design

M2M Studio was developed to enable developers to design applications faster and easier.

Download M2M Studio free from www.wavecom.com/m2mstudio



Fastrack Xtend



Q2686/87/Classic/Extreme



Wireless Microprocessor®

Technical Specifications

Project Management Source Code Editor Readability Views Searching Writing	Project Creation Wizard Import Project Import Software Package Explicit syntax colour coding Project View Function call hierarchy view Include file hierarchy view Indexation engine and shortcuts Word completion	CREATE
Compiler GCC Native MinGW ADS RVDS Compilation Flags Compilation Options Builder Incremental Build Build Reporting	Integrated Integrated Compliant Compliant Managed for full project or file by file Managed for full project or file by file CDT Internal Builder ✓ Explicit error and warning message Direct access to source code linked to errors and warnings	
Download File Type File Format Target Info View Shell	Application Binary Sierra Wireless Firmware Binary Sierra Wireless Boot loader Binary DWL Target Serial Number Target Mode Sierra Wireless Module Identification Embedded Software Identification AT console	TEST
Traces Remote Task Environment JTAG	Run the full embedded application on target and record trace logs Run a part of the embedded application on PC with a debugger Run the full embedded application on target with a debugger	DEBUG
Help Software Update PC Operating System Software Redistribution	In line help integrated Automatic notifications for new availability of Open AT® Software Suite components including M2M Studio Windows® XP, Windows® Vista, Windows® 7, Linux (only for project edition and build) Plug-in authorized to any M2M studio user to distribute software to other M2M Studio users	MISC.

M2M Studio is compatible with the majority of GSM, GPRS, EDGE and HSPA Sierra Wireless CPU® devices.