



## Ecrio IMPS Engine



The Ecrio IMPS Engine supports session management, group and list management, privacy, and content sharing for one-to-one and one-to-many messaging. Transport bindings are provided for SMS, HTTP, and WAP Push for notifications. In addition, it offers seamless migration to Ecrio's proven and robust IMS based client solutions. The Ecrio IMPS Engine enables OEMs, ODMs and terminal vendors to deploy mass-market handsets with a standard compliant Instant Messaging and Presence solution.

### **Standards compliant**

**Simplifies development of advanced IMS base applications**

**Comprehensive API**

**Optimized for mobile handsets with stringent resource demands**

**Supports advanced mobile platforms**

**Proven experience in the mobile wireless industry**

### **Ready for Deployment**

The Ecrio IMPS Engine is available for feature phones, smart phones and wireless personal digital assistants. Written in ANSI C, the engine supports advanced mobile platforms including Symbian OSTM (Series 60 and UIQ), Windows Mobile™ (Pocket PC and Smartphone edition) and LINUX O/S. The Ecrio IMPS Engine can be ported to feature phone platforms running a real time operating system (RTOS).

### **Support for Industry Standards**

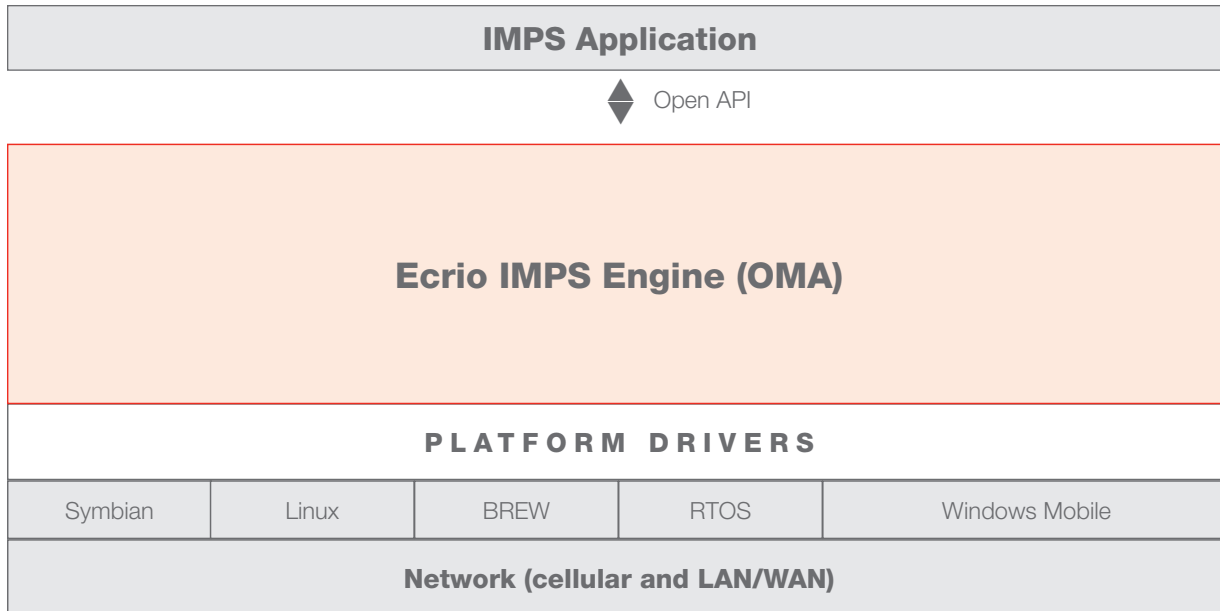
The Ecrio solution comes with the proven experience of a company that has repeatedly delivered standards compliant and interoperable solutions to the mobile wireless industry. The Ecrio IMPS Engine is fully standards compliant and interoperable with other IMPS clients and servers conforming to the OMA IMPS specifications.

### **Extensible Modular Architecture**

A highly modular architecture allows the Ecrio IMPS Engine to be tailored to the phone resources achieving a very small footprint and allowing easy extensions for new value added service such as voice messaging or picture messaging.

### **Easily Customized**

The software architecture has been designed to enable rapid customization and deployment of IMPS applications. New IMPS applications that connect to major IM services (MSN®, AOL®, Yahoo®) can easily be created by application developers using Ecrio's IMPS Engine. This allows the developers to focus on task flow, user interface and branding, while leaving the common messaging protocol layers intact.



### Ecrio IMPS Engine

- OMA IMPS 1.1, 1.2.x and 1.3
- Contact list and group list
- Messages and Sessions
- Multiple IM Sessions
- Search Functionality
- Full set of CSP with support of mandatory and optional primitives
- HTTP and SMS bindings
- WBXML support
- SMS Push, WAP Push, TCP/IP CIR Notifications

### Instant Messaging Extensions

- Rich messaging
- Offline notification
- Message archiving

### Presence

- Mood, Online, Status
- Extendable presence states
- Presence and availability updates

### Groups

- Group management
- Public chat
- Private chat
- Broadcast

### Platform Support

- Symbian OS
- LINUX
- Windows Mobile 5.0, PocketPC
- RTOS (Featured Phones)



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