



Ecrio PoC Engine



Mobile wireless customers are demanding services that support new types of communication. Push-to-Talk is one such service. New telecom standards make it possible to offer Push-to-Talk service across disparate networks and service providers. The Ecrio Push-to-Talk over Cellular (PoC) Engine enables OEMs, ODMs and terminal vendors to deploy mass-market handsets with a standards-based Push-to-Talk solution that can be deployed over any IMS compliant network. Optional support for Push-To-Show real-time video is also available.

Standards compliant

Enables rapid development of next generation mobile applications

Supports advanced mobile platforms

Proven experience in the mobile wireless industry.

Easily integrate advanced IMS features

Optional Push-To-Show support

Flexible and Complete

The Ecrio PoC Engine is part of the Ecrio standards compliant IMS product family that simplifies development of advanced IMS based applications. The engine provides application developers with a comprehensive API that hides the complexities of Push-to-Talk over Cellular technology and facilitates rapid development of next generation mobile applications. It is fully compliant with the OMA specifications and includes both mandatory and optional primitives required by the standards. The engine is optimized for mobile handsets with stringent resource demands.

Ready for Deployment

The Ecrio PoC 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 PoC Engine can also be ported to feature phone platforms running a real time operating system (RTOS).

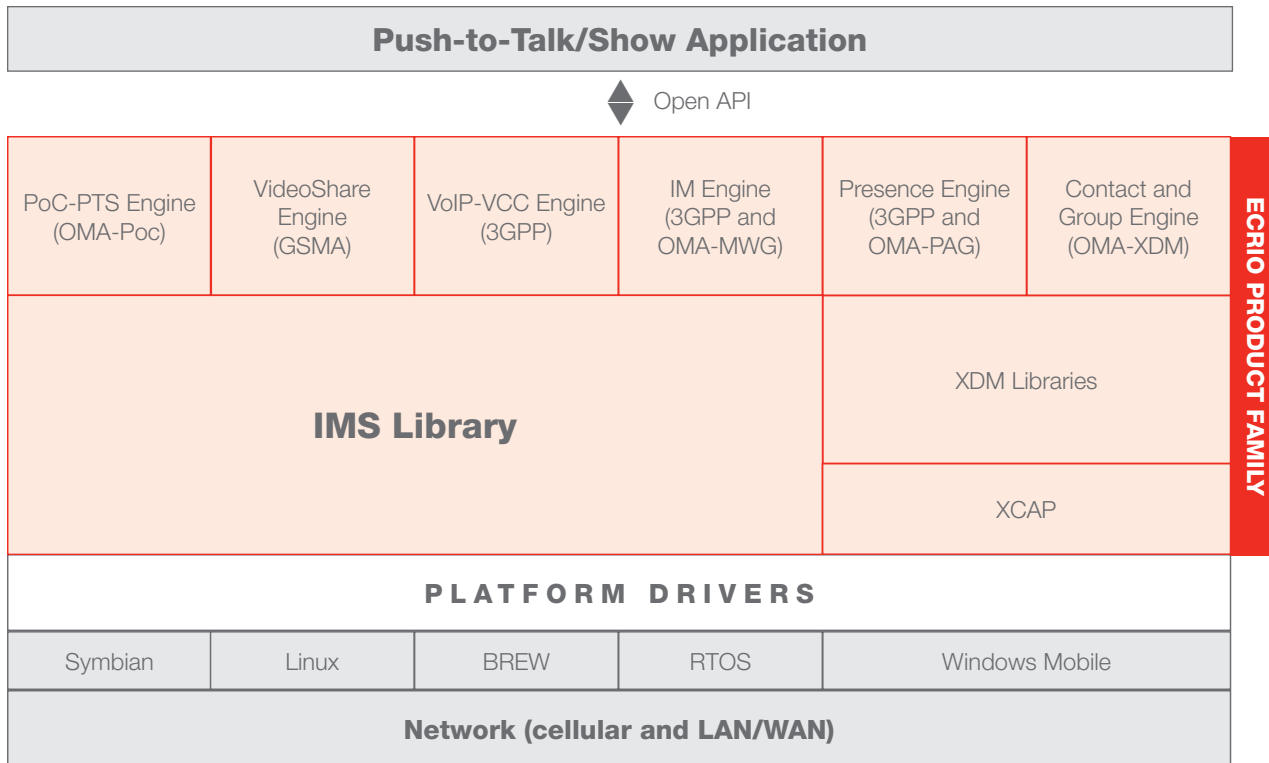
Support for Industry Standards

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 PoC Engine is fully compliant with OMA IMS specifications and interoperable with other OMA compliant PoC clients, servers and networks.

Extensible Applications

Ecrio's modular IMS product family provides a foundation for application developers to easily integrate advanced IMS features into new value-added and brand specific mobile wireless applications. For example, PoC can be combined with a presence-based phone book and Push-To-Show video to offer a richer customer experience. Push-To-Show support is an optional component of the Ecrio PoC Engine.

PoC Engine: Real-Time Communications Client Software



Ecrio PoC Engine

- Media management (RTP/RTCP)
- SIP/TCP/HTTP session management
- Authentication & security
- PoC session management
- Addressing: Tel URI, SIP URI
- One-to-one & One-to-many sessions
- Session and floor ownership control
- Ad-hoc & predefined groups
- Dynamic jitter buffer control
- Signaling compression
- Do not Disturb

IMS Compliance

- OMA PoC v1.0 compliant
- Signaling - SIP
- Media – RTP/RTCP

Ecrio PoC Engine

- OMA contacts and groups integration
- Presence-based phonebook
- Optional Push-To-Show (PTS) feature
- Invitation barring, privacy management
- Automatic and manual answer
- Instant personal alerts
- Rejoin group session
- Branded operator adverts
- Push-to-Email feature w/ reply

Platform Support

- Symbian OS
- LINUX
- Window Mobile 5.0, PocketPC
- BREW
- RTOS (Feature Phones)
- BREW
- RTOS (Feature Phones)
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