



# OperatorEngine

Pre-IMS platform for enhanced communications

## All CoIP services in one package.

Icecom OperatorEngine provides You the benefits of CoIP services in one solution package. It brings together presence, Instant Messaging, voice and video communications on a single IP -based network in order to produce Pre-IMS services to Your customers. It collaborates with networks such as mobile, cable, fixed or DSL and brings the industry's latest hot topic - Mobile convergence with Dual-mode equipped device - available for You.

Icecom's solution includes versatile applications such as presence, Instant Messaging, and a possibility for breakouts with MSN and Jabber, just to name a few. The environment can be managed with web- or XML-interfaces and is therefore easily integrated to Your existing operational systems. In addition Icecom can offer You a self-provisioning and a management portal to minimise your customer description and maintenance costs.

## End-to-End solution with open standards.

Icecom offers an IP-environment with a full end-to-end package, including limited amount of Icecom LiveEngine clients, to give our Customers a fast and easy take-off to CoIP services. Also other Clients or application services can be used since all SIP and SIMPLE based solutions interoperate with Icecom OperatorEngine. Customers can choose any combination that is essential for their business cases.

## Problems to build your business case?

Icecom offers two residential editions of OperatorEngine:

1. *OperatorEngine Residential Basic edition for start-ups and ITSPs that are entering the CoIP market*
2. *OperatorEngine Residential Cluster edition for carrier-class implementations.*

You will find out that these editions are optimal to fulfil your quality, implementation and service demands without years of repayment.

## Benefits of the OperatorEngine.

### Time-to-market.

You can have a fast entry into the profit-making CoIP-market with end-to-end-communication products of excellent quality. Increasing amount of Dual-Mode Mobile devices and high speed Mobile data accesses are going to speed up the CoIP pace.

### Pre-IMS.

Applications of Icecom OperatorEngine are IMS compliant. With our platform you can move forward even though IMS standardisation is still evolving. Verify your visions and business cases and pave the way to IMS.

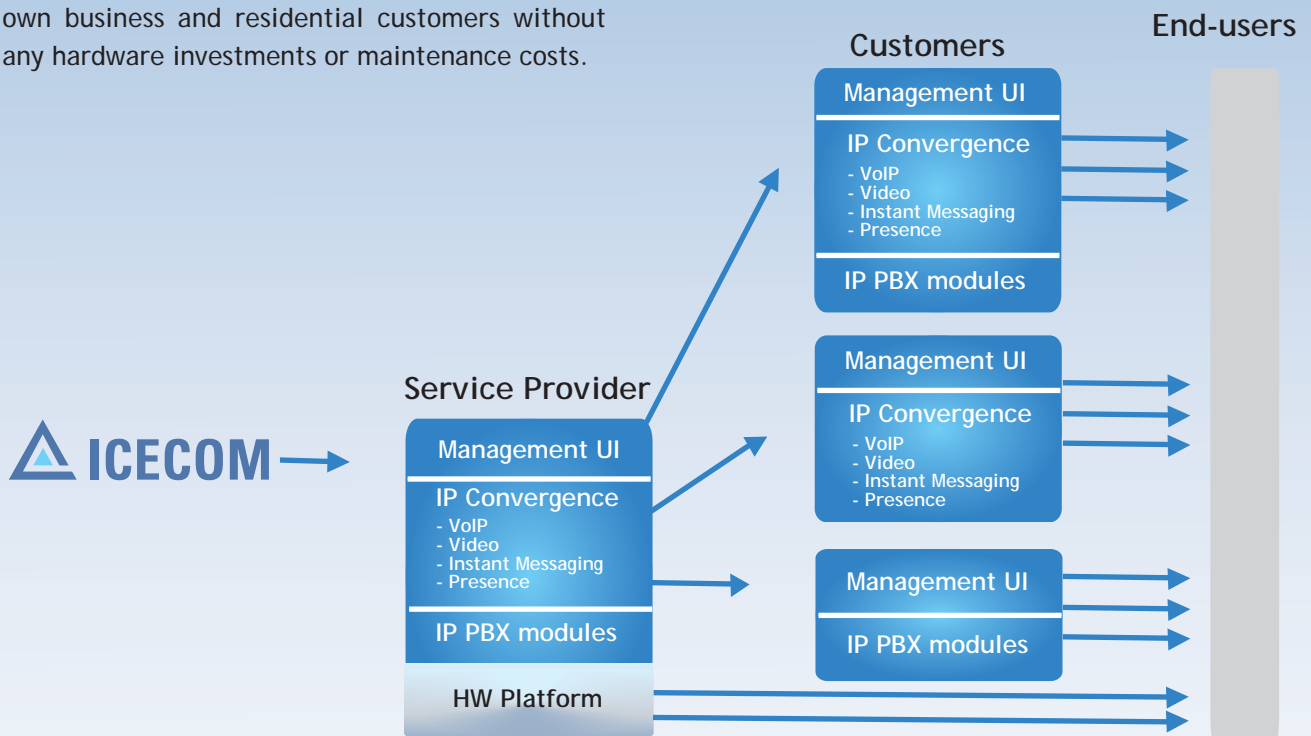
### Low threshold - high agility.

Icecom OperatorEngine scales and evolves with your business and enables your company to grow and to increase revenues by utilising open standards and system modularity.

## Platform virtualization.

The OperatorEngine platform can be resold to ITSPs or VARs. The platform owner can resell virtual parts of the platform to a reseller together with all the supported features. In turn a reseller acting as a virtual operator can make a good profit by offering the communication environment to its own business and residential customers without any hardware investments or maintenance costs.

*Reselling a hosted and virtualized CoIP network is profitable and straightforward with Icecom OperatorEngine*



### Icecom OperatorEngine features in brief.

- IETF SIP (Session Initiation Protocol) -based IP telephony and messaging platform
- Subscriber management for residential customers
- Virtualised ITSP realms (for reselling the service to other service providers)
- ENUM / E.164 number management
- Aliasing between e-mail style and telephone number
- Incoming calls parallel and sequential forking
- Least Cost Routing management
- Call barring, CFU, CFNA, CFNR, CFB, CLIP, CLIR
- Emergency call routing

- SIP trunking management (PSTN-connectivity, other SIP peers)
- IETF SIMPLE -based Presence services
- Instant Messaging server
- Single point, web browser based system management
- Virtual realm administrator self-care
- Residential user self-care
- Industry standards based provisioning interfaces for system integration (SOAP/XML)
- STUN-server

### Additional services.

- Jabber&MSN gateways
- Provisioning Portal for end users
- Voicemail