



NEXT GENERATION INTELLIGENT NETWORKS »»

ENABLING TOTAL COMMUNICATION PROVIDERS

Atos Origin's Next Generation Intelligent Networks (NGIN) services make the transition to IMS worthwhile, allowing truly convergent services for both your enterprise and consumer customers. With our NGIN services, you can become a total communications provider, providing truly convergent services seamlessly integrating mobile, fixed, IP, and even PC soft phones.

Through our NGIN services, your investments in IMS will pay off sooner because you will be able to offer attractive new services to your subscribers while continuing to use the 2G/3G infrastructure already in place. Active for almost 20 years, Atos Origin continues to provide a combination of skills that include a deep understanding of networks, an excellent track record in delivering IN services, and vast experience within the telecom industry as a whole.

See how we can help you to become a total communications provider!

THE PROVEN BENEFITS OF A CONVERGENT APPROACH

The NGIN platform provides services from the telecom operator network that would normally be provided by customer premises equipment. This allows services to be provided in a convergent way to mobiles, fixed, and IP phones.

Therefore, for an enterprise, there is a reduction of CapEx because no own equipment is needed. The CapEx and OpEx are paid within the tariff plan of the enterprise. For the operator, new high ARPU Enterprise subscribers can be captured. A mobile operator gains fixed line business while a mobile and fixed operator can become a total communications provider.

SUPPORTING CHANGE, DEVELOPING NEW STRATEGIES

Our Next Generation Intelligent Networks (NGIN) enable traditional services to be supported in a new networking infrastructure (IMS/Packet Switched) for diverse terminal types, while also facilitating the introduction of new services. And until the full IMS packet switched architecture is realized, the network will continue to evolve from a pure CS architecture during which services will still have to be provided to devices that attach from either network.

There are two principal service layer strategies during the transition. One strategy is a segmented approach where a parallel infrastructure is implemented on both networks. The other strategy is a convergent approach where the same infrastructure connects to both networks. This is the strategy taken by Atos Origin and its partners and which has been successfully implemented for many clients worldwide.

In a convergent model, a single service layer connects to both the CS and IMS networks. The same infrastructure provides the same services to both network domains and the features and capabilities of both network domains may be used in the implementation of the services. The existing core network infrastructure investment is fully leveraged and can be used to provide functionally rich FMS and FMC deployments. For the end users, the benefits of a convergent approach are:

- » Fixed-Mobile Convergent (FMC) services
- » Multimedia telecom services for every service

- » Multiple device support taking into account device-specific features
- » Payment-method independent services
- » Private and Business service awareness for the same user
- » Group, social, collaboration, interactive, feature-rich services

Atos Origin's convergent services portfolio for NGIN includes Virtual Private Networks, Wireless Office Advanced Services, IP/Communicator, Home/Office Zone, and VoIP emulation of the PSTN service for residential customers.

MAKING THE TRANSITION TO IMS WORTHWHILE

Atos Origin's NGIN services make the transition to IMS worthwhile. Investments pay off sooner because operators are able to offer attractive new services to their subscribers using the features and capabilities of IMS while continuing to use the 2G/3G infrastructure already in place.

Telecom operators can become total communications providers, offering convergent voice and data services to mobile, fixed, and SIP devices for enterprise and residential markets. And our NGIN platform enables the development of truly convergent services that include voice, messaging, presence, location, real-time charging and other features.

REDUCED CAPEX AND MORE SUBSCRIBERS

Not only that, but the NGIN provides services from the telecom operator's network that would normally be provided by customer premises equipment. This allows services to be provided in a convergent way to mobiles, fixed, and IP phones. Therefore, for the enterprise, there is a reduction of CapEx because no premises equipment is needed. For operators, new high ARPU enterprise subscribers can also be captured. A mobile operator gains fixed line business while a mobile and fixed operator can become a total communications provider.

For More Information
ngin@atosorigin.com

Learn more about the Atos Origin NGIN center at www.ngin.es.atosorigin.com