



Aicent IPX

Next generation interconnection solution with guaranteed QoS for every class of IP service.

Aicent's IPX allows network operators and service providers to offer their customers voice, data, and video services on 3G and 4G networks spanning global operators via a single, highly controlled, secure, and efficient IP-based network, all with guaranteed quality of service (QoS) and end-to-end class of service (CoS).

Aicent IPX Service Overview

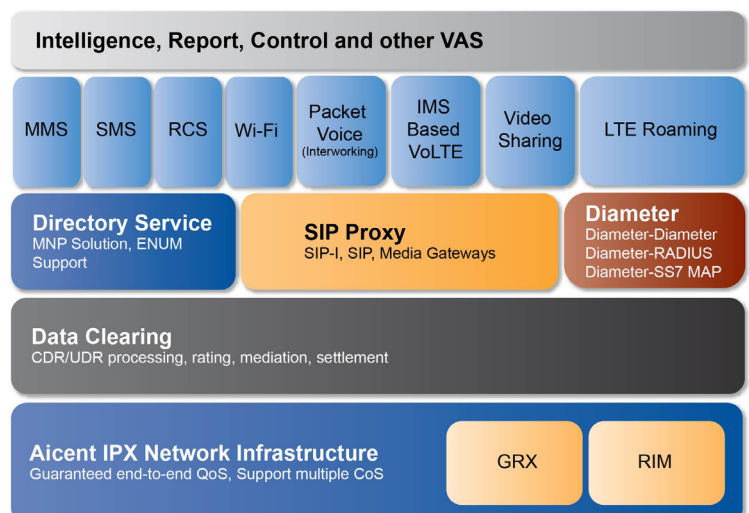
As mobile subscribers adopt powerful new smart devices, operators are experiencing network traffic growth including voice, messaging, data, and video services. In order to differentiate their offerings, while maintaining exceptional service levels, operators must look to employ a delivery framework for converged network services that enables seamless interworking between global operators while providing superior quality and service level guarantees. Aicent offers a comprehensive, next-generation IPX network service for MNOs, FNOs, ISPs, and ASPs.

Benefits to Mobile Operators

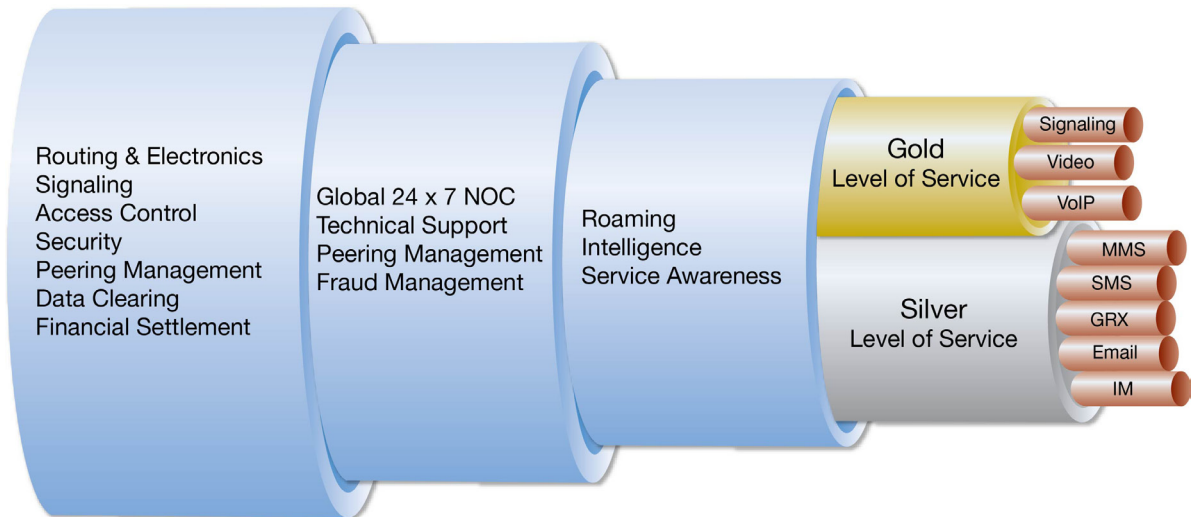
Aicent's IPX service gives operators an easy path to reduce their capex and opex for international voice and data while offering access to new revenue generating services.

By implementing Aicent's IPX service, operators will realize:

- **Cost reductions:** Integrating all IP services onto a single network, minimizes the need to invest in costly network equipment.
- **Better quality of service:** With a comprehensive, next-generation IPX network, service providers and operators can seamlessly offer their customers secure, high quality IP-based voice, data, and video services.
- **Improved network management:** Available through a robust set of web-based tools with comprehensive traffic reporting and troubleshooting capabilities.



Aicent IPX Service Framework Building Blocks



Aicent IPX Framework

How It Works

Aicent's IPX service works like a private version of the Internet providing interconnection of IP services between trusted parties. Yet unlike the Internet, Aicent's IPX service delivers managed QoS and CoS backed by an industry leading SLA. Built to comply with the GSMA IP Interworking initiative, Aicent's IPX service provides interoperability for the widest array of IP-based services within a commercial framework that benefits all parties of the ecosystem.

Features

Service Quality Management

Aicent's IPX service offers guaranteed transport with SLA assurance allowing for minimal delay, jitter, and packet loss for both control and user planes, in addition to fully supporting GSMA defined KPIs.

Session Management

Allows for bandwidth-based call admissions and control along with rate limiting such as total sessions, burst rate, and sustained rate. Aicent's IPX also offers session throttling.

Security Management

Filtering and routing enforcement capabilities that offer protection from malicious attacks.

Route Management

Aicent's IPX facilitates route interworking election and MT negotiation, in addition to providing online automatic route election tools and provides local policy, ENUM, and DNS query.

Global MNP

Aicent's IPX service is MNP capable for accurate routing and delivery, increasing call success rate.

IPX Proxy

SIP and SIP-I Proxy and/or back to back user agent.

Versatile User Plane Transport Protocol

Supports UDP, TCP, RTP, RTCP, HTTP, MSRP and others.

Reporting

Comprehensive traffic analysis and security reporting.

Serving more than three billion mobile users around the world, Aicent, Inc. is a leading provider of data network services and solutions for global mobile operators. Aicent operates one of the largest GPRS, 3G, and LTE network exchanges supporting over two hundred customers including the world's ten largest global mobile operators and operator groups. The company also operates integrated mobile messaging services, including one of the first and largest multimedia messaging exchanges, and offers other value-added services to help operators maximize revenue opportunities.

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