

iAX™ Data

Policy Control and Charging

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iAX™ Data is a flexible mobile data charging and control solution that enables pre-paid and converged pre-paid/postpaid charging for all networks. It provides a range of sophisticated features which go beyond simple time and volume based charging schemes.

In addition to session and subscriber awareness, iAX™ Data includes real-time Deep Packet Inspection (DPI) for application awareness and supports standardised Policy and Charging Control, providing optimum utilisation and QoS control for data networks while maximising customer satisfaction.

The solution has been extensively and rigorously tested through live deployments in both GSM and CDMA networks up to and including tier 1 operator deployments.

Build new revenue streams

With its real-time rating and charging functionality, iAX™ Data offers operators the ability to apply flexible and dynamic pricing models in order to attract and retain valuable subscribers, increase service usage and apply charges for popular applications by supporting charging per: MByte, Click, Duration, Application.

Operators can now quickly respond to market demands and offer subscribers highly targeted and relevant promotions and loyalty schemes.

Improve subscriber QoE—Quality of Experience

iAX™ Data gives operators the ability to understand when, how and for what purpose subscribers are using the network. By using this information to enable the throttling, blocking or shaping of traffic, operators have control over the impact of bandwidth-hungry applications such as BitTorrent and Mobile TV, the implementation of fair usage policies and will continue to protect quality of service for all subscribers.

Eliminate revenue leakage

As subscriber usage and credit balances are monitored in real-time, the potential for revenue leakage is eliminated. Combined with user friendly recharge facilities such as redirect to online top-up, this allows operators to preserve revenues in a non-intrusive way for the subscriber.



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Feature Summary

- **Policy Control:** iAX™ Data implements the Policy Enforcement Function providing real-time policy control with an optional Policy Controller
- **Usage Management, Subscriptions and Bundles:** iAX™ Data Policy Controller supports subscription management, usage control and bundling giving total flexibility to the rating, charging and policy control capabilities of the solution
- **Content charging:** iAX™ Data provides an optional Open Charging Interface which can be used by other platforms to perform charges for events such as content downloads or MMS
- **Roaming:** iAX™ Data provides inherent support for all roaming access in a transparent manner without the requirement for the operator to support the more limited CAP3 functionality in the network
- **Single APN for MMS & WAP:** iAX™ Data enables the analysis of WAP headers including the detection of MMS so that WAP and MMS can be handled using a single APN whilst distinguishing the MMS activity from the underlying WAP bearer
- **Other DPI capabilities:** iAX™ Data supports real-time Deep Packet Inspection (DPI) enabling the charging or blocking of HTTP and WAP at the URL level or allowing data streaming to be charged or blocked at separate rates, etc.

TANGO TELECOM is the leading provider of Policy Control, Real-time Charging and Next-Gen IP Messaging Solutions for evolving networks. Through a combination of seamless integration capabilities and an evolutionary approach to infrastructure replacement, Tango Telecom's iAX™ Solution Portfolio enables the rapid launch of new and enhanced services to maximise revenue potential, increase return on capital and boost subscriber loyalty.

Tango Telecom partners with operators such as Airtel Africa, Indosat, The Zain Group, Telefónica O2, America Movil and Iusacell to bring enhanced services to more than 250 million subscribers world-wide.
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