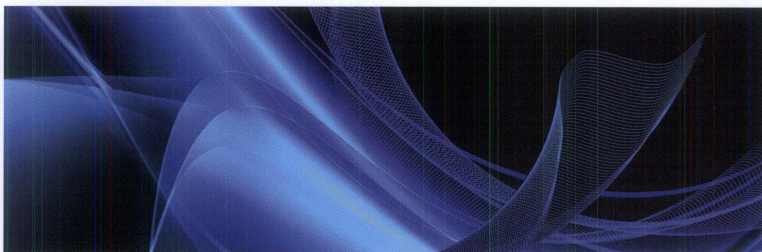


DPI & Metadata Extraction Engine for Mobile Network Solutions

Enabling Smarter Policies through Deep Network Intelligence



Product: ixEngine DPI & metadata SDK

Applications: Policy Management, QoS, Charging, Subscriber Analytics and more

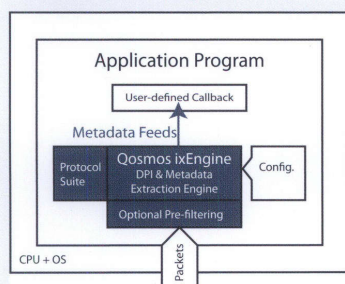
Users: Developers working for TEMs and Solution Vendors

Key Features: Ready-to-use software libraries enabling full traffic decoding at core network speed

Service Providers need powerful solutions to ensure high-quality services and personalized subscriber plans.

As their suppliers, TEMs and specialized Solution Vendors require Deep Packet Inspection (DPI) and Network Intelligence Technology capable of identifying the protocols and applications traveling over the network and delivering fine grained information on usage patterns and communications.

Next generation Customer Experience Management, Policy Control, and Charging solutions are evolving from using traditional DPI (application classification only) to more advanced Network Intelligence Technology, which can extract metadata for more detailed traffic visibility and stronger solutions.



Qosmos ixEngine is a DPI and Network Intelligence software development kit

used by TEMs and Solution Vendors to embed state-of-the-art flow decoding technology into their applications.

ixEngine delivers complete visibility into network traffic in real time, including protocol and application classification and delivery of communication metadata. This enables

developers to inject application-level insight into policy management solutions.

Designed with developers in mind, ixEngine accelerates the product development cycle.

Ready-to-use software libraries reduce effort and lower the risks of developing and maintaining a highly complex and evolving technology internally.

ixEngine DPI & metadata SDK features

- Flow classification with support of 1000+ protocols and applications
- Optimized code to support x10 Gbps in real time
- Delivery of traffic metadata to support smart policies
- Visibility per flow, protocol, application and per subscriber
- Easy APIs for fast integration of network intelligence libraries in applications

Using Qosmos ixEngine brings the following benefits to TEMs and Solution Vendors

- Stronger solutions thanks to best-of-breed DPI and network intelligence
- Continuous protocol watch and updates
- Support for core network speed (n x 10 Gbps)
- Field proven: embedded in over 10,000 applications and devices worldwide
- Supported on a variety of hardware (Intel, Cavium, NetLogic, etc.)
- Leverage the same engine across several applications

"There is a trend towards using niche specialists in the DPI area. Outsourcing highly specialized technical capabilities allows Telecom Equipment Manufacturers to focus on overall solutions development."

Graham Finnie
Chief Analyst, Heavy Reading