MATRIXX Charging Engine

Give your business the value of NOW

MATRIXX Charging Engine is an online, transactional system designed to more efficiently support the growing volume and complexity of services that require real-time processing. Built on patent-pending Parallel-MATRIXX™ Technology, MATRIXX Charging Engine combines extremely efficient transaction processing with a highly flexible pricing, rating, and billing engine. MATRIXX Charging Engine is 3GPP-compliant for both online (OCS) and offline (OFCS) charging, and complies with Diameter DCCA standards for event and session based rating.

Our ground-breaking Parallel-MATRIXX technology provides an extremely cost-effective solution to critical service provider issues, including metered and capped data plans, QoS and tiered pricing, bill shock prevention, transparency of billing, OTT services monetization, real-time charging for content and applications, data services revenue leakage, and subscriber spend control and notifications.

MATRIXX Charging Engine delivers 100 times the performance of existing real-time technology. As mobile data service usage grows exponentially, MATRIXX Charging Engine provides CSPs with a future-proof, real-time solution that you can deploy in a cost-effective way for all services, across all subscribers.

Business Benefits

- Dramatically improves customer experience through real-time visibility and spend control
- Allows you to quickly launch new offers, segmented and tailored price plans, and real-time business models
- Enables operators to upsell in real-time based on context, geography, or subscriber profile
- Improves margins and monetization of low-value, high-volume traffic
- Reduces revenue leakage through real-time charging and settlement

Network Benefits

- 3GPP-compliant interfaces for interoperability with network equipment
- Extremely low latency (99% < 25ms) for real-time session management
- Linear scalability through the addition of blades or processors
- Network-grade availability (99.999%)
- Unique clustering approach that eliminates the need for traditional failover models

Operational Benefits

- Provides unmatched performance to ensure service providers are one step ahead of surging data usage
- Massively reduces hardware requirements and ongoing operational costs
- Runs on off-the-shelf, low-cost Linux blades and servers
- Reduces carbon footprint through a 10x reduction in power consumption
- Delivers guaranteed performance – even for highly sophisticated pricing and subscriber profiles

IT Benefits

- Provides ease of integration through a standards-based, web services approach
- Offers an intuitive pricing interface for rapid configuration and implementation of new pricing and customer offers
- Does not require code changes, upgrades, or scripting for new pricing models
- Provides configurable event publication that integrates with various downstream systems such as billing and revenue assurance
- Enables IT to calculate processing costs and service margins based on predictable cost structures