Orga Systems.

Orga Systems' real time benchmark

Orga Systems' delivers future-proof, high-volume, real-time billing solutions

Outstanding real-time charging and billing

Amidst an all-time wave of transformation, the mobile ecosystem experiences business models adapting to newly emerging levels and players. The lives of mobile customers improve where technology evolves and perceptions shift. The centre of this transformation is leading into a connected future.

Orga Systems' convergent charging and billing solutions improve customer centricity while at the same time solving OPEX and CAPEX challenges. Faster time-to-market, outstanding scalability and benchmark performance make OPSC Gold a future-proof solution, meeting operators' needs. Opening up new additional revenue streams, mobile money services enable differentiation at the same time.

access to new value chains

Orga Systems' convergent billing systems charge any event in real time

Since 1994, Orga Systems' convergent real-time charging and billing portfolio has enabled profitable business for Telecommunication Companies, Mobile Financial Institutions and Energy Suppliers. Orga Systems' products and consulting services are designed for living in a connected world: scalable architecture, outstanding performance, lowest rating latency and consistent customer-centricity ensure reliable access to any kind of next generation mobile services. Worldwide 40+ customers, serving more than 350 M subscribers, rely on Orga Systems and achieve competitive advantages in their industry: reduced OPEX, real time-to-market, short-term ROI as well as beneficial access to new value chains.

Orga Systems further streamlines its bill-processing software through a sophisticated in-memory database design, InCore®, that currently represents one of the fastest data technology worldwide (as measured by access speed). Because of all this billing efficiency, leading tier 1 operators with more than 65 million sub-scribers rely on OPSC Gold to handle their billing on a single platform.

outstanding scalability ■

Coping with the new wave of wireless connections – the need for multirating node and real-time billing

The frontiers between personal and machine communications are blurring. The volume of voice, data and text messaging is growing significantly. The management of value added services and machine-to-machine (M2M) applications, such as vehicle and transportation telematics, add even more transactions and tariff rules to the complexity of billing processes. This means that scalability and latency issues are also becoming more critical.

Therefore, Orga Systems has completed a performance benchmark of Orga Systems' Convergent Billing solution OPSC Gold. This impressively underlines Orga Systems' capability to handle a customer base of more than 150 M pre-paid and postpaid subscribers on one single platform. Horizontal scalability to more than 150 M accounts by adding new blades only is outstanding and meets operators' demands for future-proof solutions. The benchmark was based on current customer implementations and reflected realistic operating conditions and data.
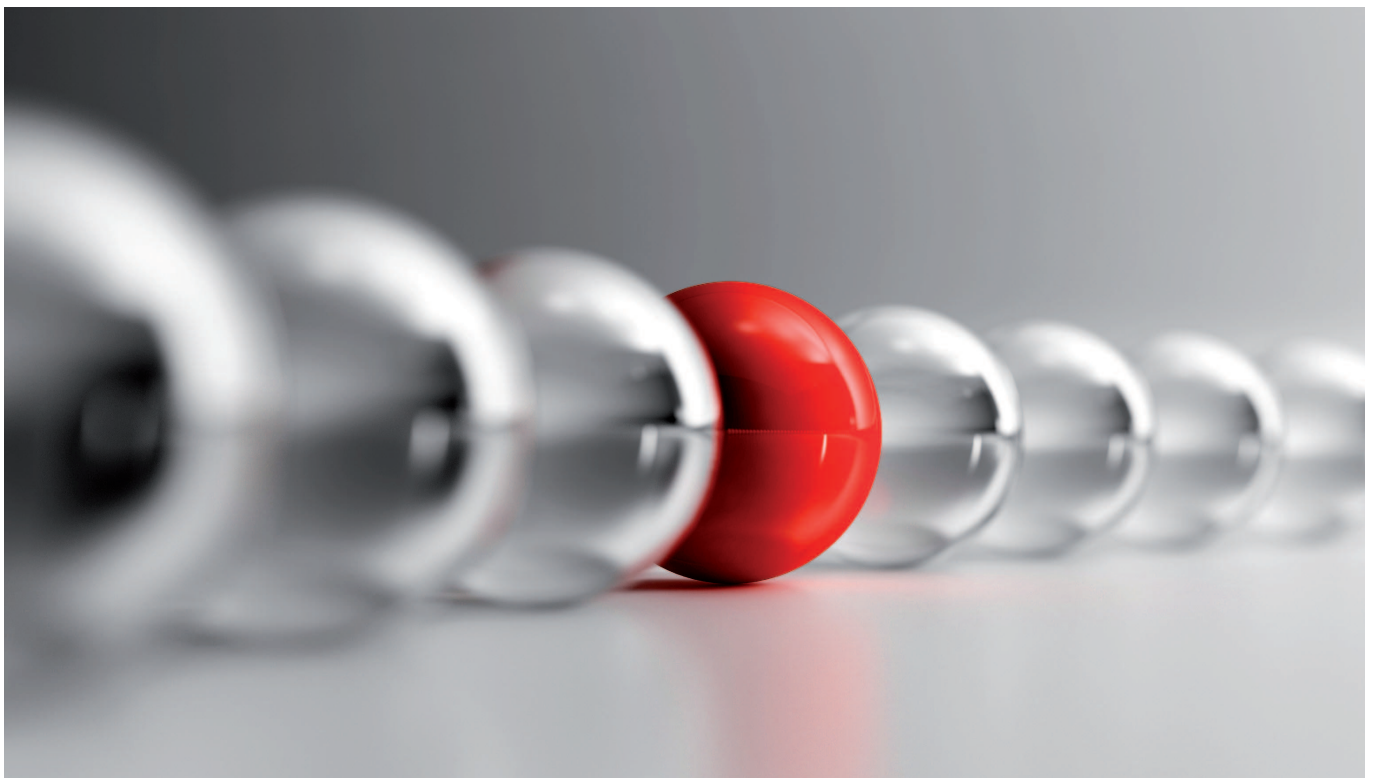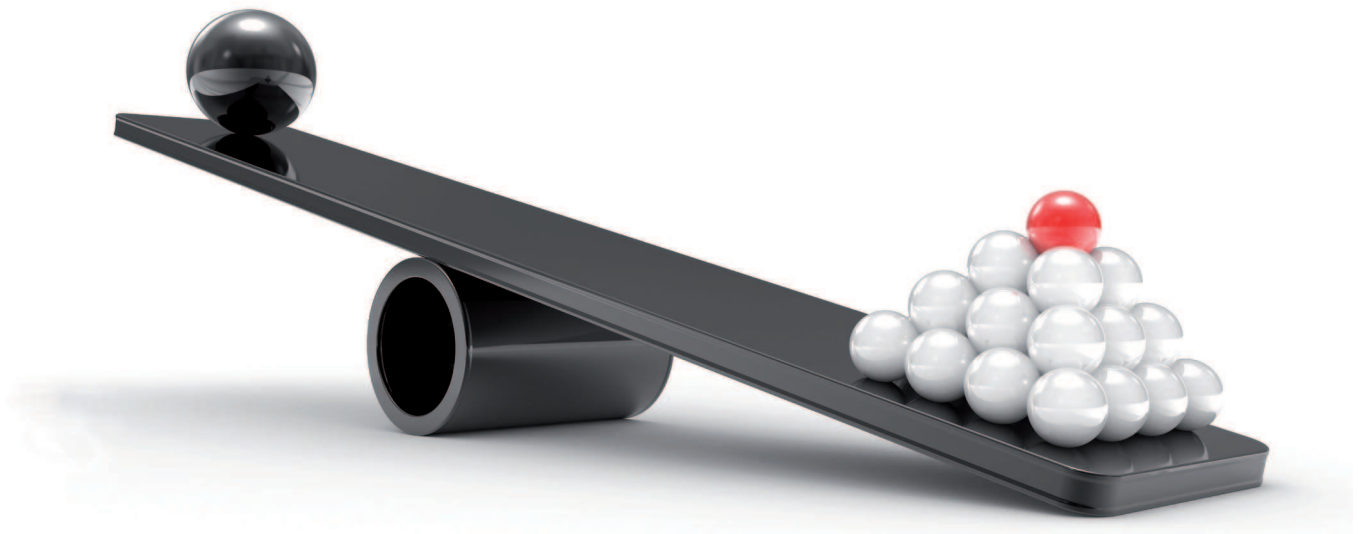
ultra low rating latency

Outstanding rating latency below 3.9 milliseconds

Orga Systems' end-to-end convergent billing solution OPSC Gold provides real-time charging, billing and financial management capabilities. It is the only single system in the market that was designed to be convergent. OPSC Gold is built on a massive parallel architecture, separating the core functions for rating and billing into separate modules. Each module offers linear scalability. This is proven by excellent rating numbers which are below 3.9 milliseconds for 99.964 % of all events. These events have been measured in an environment with more than 150 M subscribers on one single real-time system. The numbers for billing are similarly impressive. In the benchmark Orga Systems' OPSC Gold achieved sustained throughput of more than 10 M invoices being calculated in one hour. Those 10 million invoices were generated within 30 minutes. Horizontal scalability to more than 150 M accounts by adding new blades only is outstanding and meets operators' demands for future-proof solutions. This impressively underlines Orga Systems' capability to support the scale-as-you-go requirements for future-proof solutions, realizing 33 % hardware cost savings while being linearly scalable.

hardware cost savings .

Market leadership with more than 150 M subscribers on single real-time system

In contrast to many operators using "best case" scenarios, Orga Systems has tested its convergent billing solution under realistic conditions which can be found at various installations at customers worldwide. The outstanding results Orga Systems has achieved – more than 150 M subscribers being handled on one single platform – underline Orga Systems' market leadership and strengthen the trust in its billing expertise. As a fully convergent billing solution, OPSC Gold handles charging and billing for all services, customer segments and payment methods. Its leading real-time capabilities can easilybe utilized to increase billing transparency and improve customer satisfaction, also for postpaid, hybrid and corporate customers. Especially for markets in which high performance real-time processing is key, it provides an ideal solution to replace multiple IN prepaid and legacy postpaid systems.

Orga Systems supports tomorrow's requirements and enables profitably growth in the long run. Being able to scale to more than 150 M subscribers on one single platform, the best in class real-time based convergent charging and billing solutions meet future needs.