

Orga Systems.

“Orga Systems provides convergent billing solutions to mobile operators. I’m excited about the professional contributions from Computaris to configure and deliver our convergent billing product OPSC® Gold according to the customer needs.”

*Ferdinand Herrmann,
Head of System Integration,
Orga Systems*

Customer profile

Orga Systems is the leading expert in mission critical, real-time convergent billing. Its products enable international telecommunication companies to rate, charge and bill any service for prepaid, postpaid and hybrid subscribers.

Business situation

For the deployment of Orga Systems’ convergent billing system to a mobile operator in CIS, a near-shore system integration services partner was required.

Solution

Orga Systems chose Computaris to support its system integration effort for the first major deployment of the OPSC® Gold convergent system

Orga Systems’ convergent billing system deployment in a CIS mobile operator

By inventing world’s first GSM-Prepaid solution in 1994, Orga Systems established a new benchmark and revolutionized mobile telephone communication. Now their convergent billing solutions are initiating a second revolution to shape the future of this technology, too. OPSC® Gold supports all pre- and postpaid payment methods and



features an outstanding real-time rating flexibility as well as extensive billing and credit management functionalities. During its initial deployment at a major mobile operator in CIS, Orga Systems selected Computaris as its system integration services partner, to leverage the customization and testing effort.

Computaris offered two teams of highly skilled specialists with appropriate telecom system integration experience responsible for development, configuration and testing in successive shipment phases. Both teams were coordinated by the Computaris local line manager, who ensured team unity and an efficient resource management. Working both on and off-site as the process required, the teams were able to easily and efficiently adapt to the customer’s product and processes, whilst optimizing overhead expenses. Using previous rating and charging experience, the Computaris team was able to integrate to the client’s organization in less than two months and became fully efficient.

Benefiting from Computaris’s long experience of working with clients situated remotely, it was possible to overcome all inherent communication, cultural and environment challenges quickly and to keep abreast with Orga Systems in its effort to meet tight deadlines.

Benefits

- Skilled telecom BSS engineers
- Resource availability
- Resource management
- Reducing overhead costs of the project
- Increased customization capacity
- Releasing in-house staff for product enhancement



About Orga Systems

480 employees in Germany, Italy, Spain, Turkey, the Ukraine and Brazil create cost-effective, custom-tailored solutions based on highly flexible products.

42 leading mobile network operators in Continental and Eastern Europe, Africa, Middle East, Latin and Central Americas experience Orga Systems as a strong partner.

Characteristics of this partnership include a quick and flexible response to customer requirements and best-in-class, state-of-the-art support and services before, during and after the deployment of its products and solutions.

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By incorporating Computaris know how and services in this deployment effort, Orga Systems unblocked key resources to concentrate on its product enhancement. This allowed them to provide a smooth and on-time migration for their mobile operator end-customer, and attain once again their primary goal of exceeding customer expectations.

Project team requirements

4 Senior Engineer System Integration responsible for the successful integration of OrgaSystems' Convergent Billing system: OPSC® Gold.

- Development and configuration of Interface adapters
- Design and development of migration software, based on the requirements analysis and updates.
- Testing of migration process
- Testing of fall-back procedures
- Dry runs
- Re-routing of input and output streams.
- Cleanup of legacy-data.
- Support of UA and integration tests
- Support of Parallel Run.

5 Test Engineer System Integration responsible for the Onsite Test-activities of the Orga Systems' Convergent Billing system: OPSC® Gold

- Black-Box Tests
- Focus on System testing and on Component level
- Test case design, creation of test specifications
- Test execution, creation of test protocols
- Carry out document reviews as necessary
- Testing of each interface, using simulators for production network elements
- Integration-testing with production or test-environment
- Preparation, initial test and support of the customer acceptance-test
- Correct functioning of end-to-end convergent billing process with real data.

Technical Qualifications: Postpaid billing, prepaid billing, real-time rating and charging, mediation, GSM/UMTS, JBoss/J2EE, Java, UNIX, UNIX tools and shell scripting, Oracle, XML.

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