



## Billing Mediation and Rating

### Who benefits from Billing Mediation and Rating Solutions?

Those who benefit directly from Teleca's experience in the Billing space are Service Providers and Network Operators striving for the profitable provision of IP-related services and content. Subscriber totals can range from tens of thousands to the millions.

### The Need for Flexible Billing Solutions

Although worldwide Internet usage continues to accelerate rapidly, as well as the use of mobile devices for accessing the Internet, revenues for Service Providers have not kept pace. One problem is that most providers are still using flat rate pricing. To increase revenues, these companies need to differentiate their existing services, provide new services and develop new pricing strategies.

Service providers must shorten their time-to-market to be competitive and to meet customers' ever-increasing demands and needs. A flexible, easily used billing system that supports many different pricing models is essential in achieving income targets.

Differentiation can be achieved by combining usage-based pricing models, pre-paid services and fixed fee. The combination can be different for specific consumer categories: some consumers prefer to pay a fixed content fee, while others will pay if they

consume above a certain limit. All must be supported by the billing system.

### Your Billing Solution - How we Build It

We work with market-leading billing system products and take full responsibility in implementing and configuring the delivered solution. When needed, the development of surrounding interfaces also becomes a part of the solution.

Our partner products are based on a flexible, real-time architecture with published application programming interfaces (APIs). This permits them to be easily integrated with technologies from third-party OSS/BSS software vendors.

Our solutions support payment forms like commissions, licensing per click or per-transaction fees. To conclude, they constitute a real-time, front office, customer-oriented system that meets the stringent real-time demands that arise from new services and pre-paid payment methods.

If the number of sources for billing information is large, a **mediation and rating** system is needed. A mediation system has the required intelligence to collect the information like xDRs (Usage and Service Detail Records) from large networks that is necessary for correctly pricing the services. With a mediation and rating system, service providers can

Teleca is an international consulting company building and applying advanced technology. The company's business concept is to strengthen the customers' market position and time to market. Teleca builds and integrates solutions for technology and software intensive customers worldwide. Core values are honesty, reliability and hard work. The company has 2,700 employees with operations in 15 countries in Asia, Europe and USA.

generate accurate usage-based billing and implement utilisation-based chargeback models.

The ability **to bill for content** is a necessity in billing solutions for many service providers. In our solutions, we have identified two different ways of handling content billing. The traditional way is where content servers produce simple events and these are mediated into the rating and billing system (arrow 1 in the figure). Alternatively, content information can be obtained from **Content Mediation** (arrow 2).

The Content Mediation performs pre-rating of content; checks the end-customer's account status and can perform revenue sharing. Content Mediation enables a dynamic relationship between the operators and the content providers, where a content provider can sell services to many service providers and the service providers do not need to replace their whole existing billing chain.

**Our Service Offer**

Teleca helps clients to identify and implement billing solutions. We use best-of-breed components that are commercially available, off the shelf, and integrate them into existing customer environments, simultaneously ensuring that previous investments are fully protected. Our uniqueness lies in the combination of network infrastructure and billing process competence skills.

Our recent engagements cover:

- Mediation for a fixed-line network operator based on Digiquant IMS
- Content Mediation within a Service Platform for a global wireless operator based on Portal Infranet.

