Complex Billing System

Excelergy

RevenueManager Complex Billing System

The most flexible and cost-effective solution to meet customer demand for unique pricing options.

Demand response, dynamic pricing, time-of-use data, renewable energy, value-added products, smart metering, and increasing customer engagement continue to add complexity to the customer billing process for both utilities and retail energy suppliers. Most legacy customer information systems (CIS) were not designed to handle this level of complexity. Many that were, require extraordinary expense and resources to add or change products, rates and pricing.

Boundless price calculation

With Excelergy Complex Billing, you can quickly and cost-effectively create new rates or pricing products without the need for time consuming and expensive programming. The system includes flexible and boundless price calculation capabilities that makes it easy to define, calculate, and manage interval data and pricing to meet the unique demands of both electricity and gas customers.

At a fraction of the time it would take using other billing solutions, Excelergy Complex Billing lets you configure:

- Time of use pricing
- Dynamic "real-time" pricing
- Net metering, block/tiered pricing
- Bandwidth/swing pricing
- Click/trigger pricing
- Index based pricing

Easy rate maintenance

Easy rate maintenance with simple and logical rate creation. Key features for easy rate maintenance include:

- Rate library providing re-use of rates on multiple accounts
- Date effective rate assignment on accounts providing seamless calculation of charges for future time periods or for prior usage periods in cancel/rebill scenarios
- Rate copy feature providing ability to create new rates that are similar to existing ones without starting from scratch
- Use of account level data fields or variables in pricing calculations
- Integration for market/price points used in RevenueManager rate calculations
- Creative rate design using MicroSoft Visual Basic (VB) scripting within a rate plan

Excelergy has helped many clients significantly reduce the number of complex rates that have to be maintained by re-thinking their design. This allows greater flexibility of calculations within a single rate plan using the unique variables stored at an account level to meet the contract specific terms for the invoice charges.

Non proprietary VB scripting reduces dependence on vendor support

Excelergy Complex Billing is built on a highly configurable open object platform. We use off-the-shelf, non-proprietary Microsoft Visual Basic (VB) scripting for the complex calculations within the solution. When you need to change a product or create a new one, you're not dependent on our professional services team. With the functional and technical product training provided as part of all RevenueManager implementations, client users can add or edit VB scripts used for rating calculations without Excelergy assistance. However, if you do want our assistance, we can deliver a new scripted (complex) product in weeks—rather than the months or even years it takes using solutions from other vendors. Excelergy Complex Billing of ers:

- Fastest, most reliable deployment and integration
- Lowest cost of ownership, operation, and maintenance
- Greatest flexibility to rapidly adapt to changing markets and customer demands

Extremely flexible data capture and calculation for time of use billing

Time of use billing systems for today's markets must provide exceptional flexibility and ease in capturing, calculating and billing usage. Excelergy makes the configuration of these processes quick and simple. We provide intuitive user interfaces for defining:

- Units of measure
- Usage qualifiers to distinguish the different types of meter data (historical, actual, estimated, etc.)
- Market or client defined significance profiles (time of use intervals) that may vary by season and also include unique pricing for holidays
- Management of daylight saving time
- Time zone management for usage and prices
- Renewable energy rates
- Business rules to control how the system processes usage cancellation
- Specific transaction types and subtypes that will be used in billing for proper financial reporting

You can quickly and cost-effectively create new rates or pricing products without complex programming.

More accurate interval billing

The Excelergy Complex Billing system stores raw time-of-use data for more accurate billing calculations. Utilities and energy suppliers can either bill for total consumption or apply interval charges that are specific to a particular usage interval. The system also allows for the disaggregation of monthly usage across time-of-use load profiles.

Superior scalability and performance to serve the most demanding customer base

The Excelergy Complex Billing system is designed for high availability and online performance. All of our products are built to meet robust, real-time demands. The system lets you scale, as needed, to service more users and process more transactions without re-architecting the application deployment. Excelergy's architecture is designed so the computing environment can be made "bigger" with more memory or processors, or it can be "scaled out" by distributing the processing across multiple servers. You simply add additional processing power or additional application servers to increase the processing throughput.

Universal XML interface and standard APIs speed integration and reduce cost of ownership

Excelergy Complex Billing reduces the cost of ownership by providing multiple, product-supported options for integration and data conversion. Excelergy supported application interfaces (APIs) are transactional, and initiated as a server-side process. All of the application interfaces are well documented for ease of integration without vendor dependence.

Free evaluation for qualified prospects

Interested in enhancing your CIS systems with advanced, complex billing functionality? Excelergy offers a free, on-site evaluation to qualified prospects, including deployment options, pricing, and projected delivery timetables. For more information email sales@excelergy.com.

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About Excelergy Energy Software

Excelergy offers a comprehensive suite of best-in-class energy enterprise software platforms that transform utility business processes and enable implementation of smart grid, clean energy, and demand management initiatives. Excelergy software helps utilities embrace a customer-centric model that aligns strategic planning, grid operations, and demand side management to improve customer engagement, boost operational efficiency, reduce risk, and achieve superior business results.

excelergy.com

Find out how Excelergy can transform your business:
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