PacketFront *Software*

BBE – Report Generator

Reports for business intelligence and statistics

The BBE Report Generator

The Broadband Business Engine Report Generator is an application within the BBE product family.

The Report Generator provides the data needed for creating standard and customized reports that contain any information stored in the BBE database.

Standard and Customized Reports

BBE provides a set of predefined standard reports, such as:

- Billing summary report
- Billing detail report
- Active subscriptions
- Product penetration
- Port
- Subscription status
- IP Address history

Customized reports are generated using a GUI tool. Users can create own report templates by themselves or with the assistance of our partners or PacketFront Software Professional Services.

Network Historical Data

The Report Generator provides historical data on the network, such as, BBE user operations, subscription activities, and used IP addresses. The historical data can be viewed per service provider. These data provide details about network events and are useful for troubleshooting.

Billling

The Report Generator gives the operator up-to-date information about the physical network as well as detailed information concerning individual service usage. The provided data can be used for example for efficient billing of services. The created billing reports provide input data to external billing systems. As the billing reports can also be created per service provider, these reports can be used in open access networks by the network operator to bill the service providers.

A price list can be attached to a service or a service category. This information can be used for service billing.

The price list uses a combination of the following methods:

- Pricing per the duration of a specific subscription status
- Pricing per the occurrences of a specific subscription activity

The flexible pricing mechanism allows the network owner to bill the service providers according to their own business model.
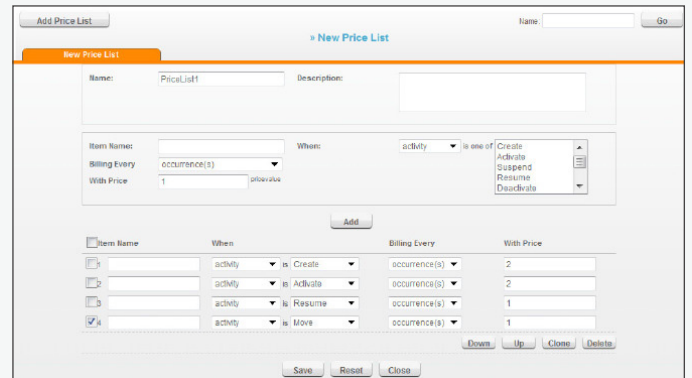
Flexible output methods

In the Report Generator the user can generate the reports periodically based on a schedule or export the reports manually as required.

By using the API interface, the reports can be periodically generated and automatically imported into external systems for further processing.
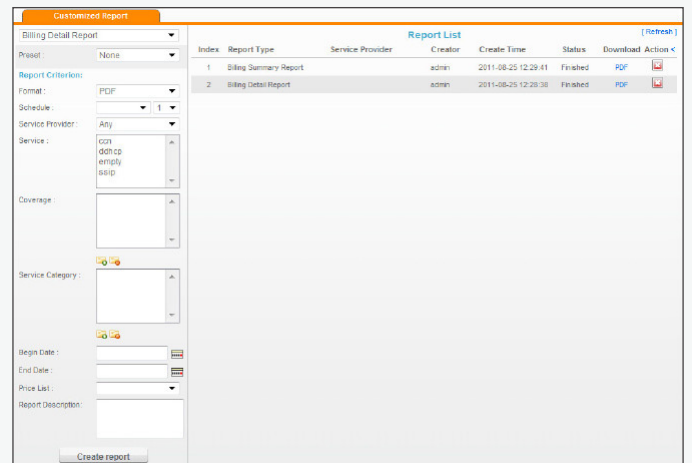
All reports can be downloaded in various file formats, such as, text, PDF, Word, PowerPoint or Excel. Excel files can be further analyzed in external applications, such as MS Excel or Crystal Reports.

Key Benefits

- Standard report package
- Fully customized reports based on any information available in BBE
- Periodical or on-demand report generation in any format
- Billing report generation based on duration or service activation
- Billing report generation per service or a group of services

Set the price items in the price list on the **Price List** page. An existing price list can be attached to a service or a service category.

On the **Customized Report** screen, in the left pane, you can define the report type, output format, and other criteria for the report. The generated reports are listed in the work space.

*This product requires BBE-Core version 1.8 or later