



Billiant

Billing & Customer Care

What's new in 4.5!

Billiant 4.5 – Powerful, Feature Rich and Flexible!

- Billiant is the answer for the medium sized operator and service provider with the need for handling billing and customer care for triple play offerings
- Built in support for wholesales and white label management
- Billiant gives service providers the possibility to handle both postpaid and prepaid services in the same system.
- With Billiant you will get a powerful and feature rich solution for billing and customer care, which together with a truly flexible architecture can handle your B&CC needs of both today and tomorrow.



Billiant 4.5

Billing & Customer Care

Billiant 4.5 main features

- Improved support for mobile phone services
 - New rating cases for internal calls, call groups etc
 - Enhanced support for markup of pre-priced CDRs for roaming
 - Support for correct invoicing of premium rate calls based on PI3 files
 - Possible to assign specific prices/discounts to destinations on the Customer level.
- New AR module
 - Allows managing Accounts Receivable internally in Billiant
 - Supports advanced matching of payments, generation of reminders and debt collection processes.
- Enhanced Service bundling
 - Advanced service definitions to enhance tripple play offerings etc

New functionality in detail

- Several new rating cases
 - Within the same customer, between same type of subscriptions, combinations
 - Recipients within the operator
- Rating support for Rating Groups
- Enhanced rating logic to support markup of pre-priced SDRs
- Core support for text-lookups to manage premium rate services
- Support for Customer level usage pricing and discounting
- Enhanced service bundling
 - Support for hierarchy definitions
- New Accounts Receivable Module
 - Supports matching of payments, reminders with fees and debt collection export
- Customer Status enhancements
- New Invoice Action – Normal & Usage
- Enhanced Job locks
- Invoice Sort Order now also includes Services and Item Groups
- Improved Inventory change rules

New Functionality - continued

- Misc
 - New Information Source GUI
 - Message Producers are now registered centrally and support producer specific configuration
 - Support for configuration parameters on file processors
 - Stop fees in customer tariffs
 - Standard job for number export to Eniro directory services.
 - New Job result: Ready with exceptions
 - New standard Message Producer in Core for sending E-mails

 - And more...

New internal rating cases



- A set of 7 internal call cases may be translated before price lookup is performed.
- Allows advanced pricing of calls within customer structures or between subscriptions of the same type
 - Calls to numbers on the same subscription
 - Calls to subscriptions of the same service on the same customer
 - Calls to any other subscription on the same customer
 - Calls to subscriptions of the same service within the same Rating Group
 - Calls within the same Rating Group
 - Calls to subscriptions of the same service
 - Calls to any customer within the operator.

The screenshot displays a software interface for managing pricing rules. It includes a tree view on the left, a main table of rules, and a details panel on the right.

Tree View:

- All Price List Groups
 - Item Groups
 - Price List Call Group Rules
 - RATING-GROUP-TEST - Continu
 - RATING-GROUP-TEST - Step
 - VoIP Gold/silver - Standard rules

Main Table:

Item Code	Interval	Entry Type	Volume Limit(min)	RefTo	Price	Discoun...	Appl...
RULE-0	*	Start Charge	0		1,00 kr	0%	<input checked="" type="checkbox"/>
RULE-0	*	Duration Charge	0		1,00 kr	0%	<input type="checkbox"/>
RULE-1	*	Start Charge	0		1,00 kr	0%	<input checked="" type="checkbox"/>
RULE-1	*	Duration Charge	0		2,00 kr	0%	<input type="checkbox"/>
RULE-2	*	Start Charge	0		1,00 kr	0%	<input checked="" type="checkbox"/>
RULE-2	*	Duration Charge	0		3,00 kr	0%	<input type="checkbox"/>
RULE-3	*	Start Charge	0		1,00 kr	0%	<input checked="" type="checkbox"/>

Details Panel: Details of: VoIP Gold/silver - Standard rules

Name: VoIP Gold/silver - Standard rules | Description: VoIP Gold/silver - Standard rules

Rule details:

Rule Id	Item translation
Internal same subscription	RULE-0
Internal customer service	RULE-1
Internal customer	RULE-2
Internal rating group service	RULE-3
Internal rating group	RULE-4
Internal service	RULE-5
Internal subscription	RULE-6

Rating support for Rating Groups



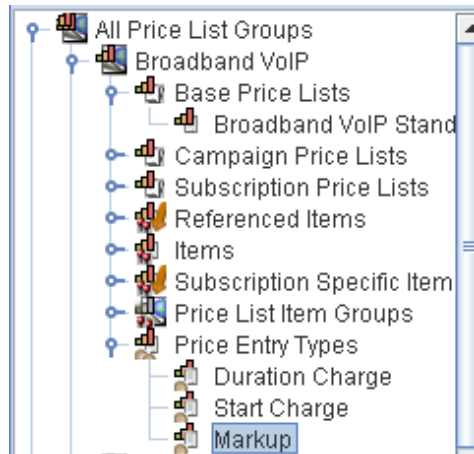
- Possible to create Rating Groups as Customer hierarchies
- Calls within the same Rating Group may be specifically priced
- All customers in a hierarchy constitute a Rating Group

The screenshot displays a software interface for managing subscriptions. The left sidebar shows a tree view under "Subscriptions" with three items: "VoIP Gold:011", "VoIP Gold:012", and "VoIP Silver:021". The main window has a tabbed interface with "Subscriptions" selected. The "Properties" tab is active, showing various fields for a subscription. A red rectangular box highlights the "Rating group" field, which contains the text "Williams Mirjam - 10236". Other visible fields include "No of subscriptions" (1), "Current Status" (Active), "Activation date" (2007-08-08 12:13:00), "Service" (VoIP Gold), "Price tariff" (VoIP Gold), and "Discount tariff" (No discount). The "Dynamic Properties" section on the right includes "Subscription Name (Id)" (011) and "Use PLG with Step" (No).

Enhanced markup of pre-priced SDRs



- New Price Entry Type Called Markup
- Allows percentage markup of pre-priced SDRs
- Makes it possible to price specific calls in Billiant and apply markup to others
- Usefull specifically for rating of roaming calls



Editable

Valid From: 2007-08-08 Wednesday 00:00:00 Valid To: Monday 17:00:00

Price Details Subscriptions

Item code

Item Code	In...	Entry Type	...	Ref ...	Price	Discount/Markup	...
035	*	Start Charge	0		1,00 kr	0%	<input checked="" type="checkbox"/>
035	*	Duration Charge	0		1,00 kr	0%	<input type="checkbox"/>
035	*	Markup	0			10%	<input type="checkbox"/>
045	*	Markup	0			10%	<input type="checkbox"/>

Text lookup for premium rate calls



- Function to enhance presentation of premium rate calls on customer invoices
- Allows retrieving correct premium rate supplier information even though the premium rate numbers are reused frequently
- Based on using Billiant's translation sources to manage version handled assignments of premium rate numbers.

Configuration

Source Name: Premium rate numbers
Description: Premium rate numbers (PI3) additional texts

Translation Type: Text Lookup
Item Match Method: Starts With

Error When Missing Translation Save Translation

Search Translation

Item Code	Valid From	Valid To	Text 3	Text 4	Text 5
9941406	2008-01-12 00...		Eniro 118118 ...	www.eniro.se	2020-364656
9941723	2008-01-12 00...		SOS-Barnbyar...		0708-545 832 ...
9941811	2008-01-23 19...	2008-01-23 23...	Idol 2009	www.tv4.se	08-4594433
9941811	2008-01-23 23...	2008-01-24 00...	Lets dance	www.tv4.se	08-4700000

Customer level usage pricing



- Possible to define Usage prices and discount directly in the Customer level
- Overrides definitions on individual subscriptions on Customer
- Definitions can be inherited from other customers

The screenshot shows a software interface with a menu bar at the top containing: History, Orders, Inventory, Messages, Prices and Discounts (selected), General, Subscriptions, Balance, Invoices, Notes, and Summary. Below the menu bar, there is a section titled "Usage prices and discounts" with a sub-section "Customer prices and discounts". Underneath, there is a text field labeled "Reference to another customer's price and discount list" with search and close icons. Below the text field is a table with the following data:

Customer ...	Valid From	Valid To	Service	Usage Ty...	Item Code	Entry Type	Price	Disco...
Summer ca...	2007-09-01				011	Item Price		10%
Summer ca...	2007-09-01				USA	Item Price		50%
Summer ca...	2007-09-01		Broadband VoIP		045	Item Price		25%

Enhanced service bundling



- Possible to define the rules for hierarchies of subscriptions and thus dependencies between services.
- Supported by the Subscription Wizard to simplify correct registration of subscriptions

Create new subscription wizard

Service selection for VoIP DSL Bundle

Parent Subscription (a parent subscription of type Internet DSL is required, choose an existing or create a new one)
Internet DSL:123123123

VOIP Line: Value must be between 1 and 1

Mail Account: Value must be between 1 and 5

< Prev Next > Finish Cancel

Details of: VoIP DSL Bundle

Name	VoIP DSL Bundle				Description	Voip Subscription hierarchy			
Status	In use				Parent Service	Internet DSL			
Services Category Mappings									
Service	Default Occur...	Min Occurrence	Max Occurren...	Parent Service					
VOIP Line	1	1	1						
Mail Account	1	1	5	VOIP Line					

Add
Edit
Remove

New Accounts Receivables Module



- Separately licensed module for basic Accounts Receivable management in Billiant
- Functions for:
 - Advanced matching of payments to invoices
 - Enhanced payment status and remaining amount on invoices
 - Reminder generation and debt collection export functions.
 - Functions for adding reminder and DC fees to next invoice

The screenshot shows a software interface for configuring Accounts Receivable (AR) Action Sets. The interface is divided into several sections:

- Navigation:** At the top, there are tabs for "Payment Match Journals", "Debt Collection Journals", and "Action Sets".
- Tree View:** On the left, a tree view shows the hierarchy: "AR Action Sets" > "Company" > "Private".
- Details of: Private:** The main area displays the configuration for the "Private" action set.
 - Name:** A text field containing "Private".
 - Calendar set:** A dropdown menu set to "Swedish office days".
 - Availability:** A dropdown menu set to "In use".
 - Reminders:** A table with columns: Remi..., Name, Days Ov..., Messag..., Message, Add F..., Custom...

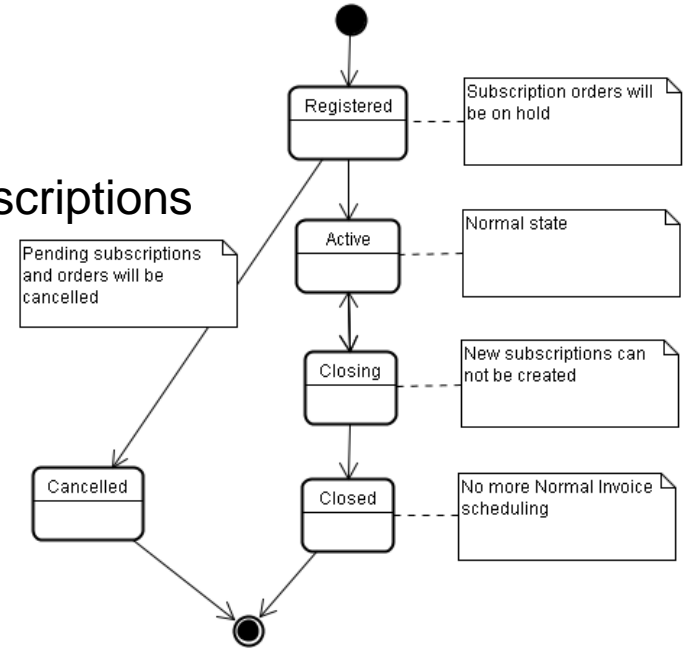
Remi...	Name	Days Ov...	Messag...	Message	Add F...	Custom...
1	1st reminder	10		1st remin...	<input checked="" type="checkbox"/>	AR Remin...
2	2nd reminder	20		2nd remin...	<input checked="" type="checkbox"/>	AR Remin...

Buttons for "New", "Delete", and "Properties" are located to the right of the table.
 - Enable debt collection action:** A checked checkbox.
 - Debt collection action:** A section with two fields:
 - AR Action Set:** A dropdown menu set to "Private".
 - Name:** A text field containing "Dept collection".
 - Message Producer:** A dropdown menu.
 - Days Overdue:** A text field containing "35".
 - Message:** A text field containing "Dept collection".

Customer Status enhancements



- Basic support for customer states with reasons
- Customer approval may be required to add subscriptions



Customer Types Customer Categories Status Reasons

All Status Reasons

- Registered
 - Registered, wait for credit check
 - Registered
 - Prospect
- Active
 - Active
- Cancelled
 - Cancelled
 - Cancelled, credit check failed
 - Cancelled, service could not be d
- Closing
 - Closing, moved location
 - Closing, bad payer
 - Closing, customer deceased
 - Closing
- Closed
 - Closed, moved location
 - Closed, bad payer
 - Closed, customer deceased
 - Closed

Status Type	Name
Registered	Registered, wait for cred...
Registered	Registered
Registered	Prospect

Balance Invoices

Internal Customer No. -4

Current Status: Active (dropdown menu showing Active, Approved, Closing)

Credit Limit

Credit action

Properties Address Categories Invoicing

Customer Type: Residential

Last Name*: Wright

Campaigns: Available Selected

Discoun

Custom Default

Country Sverige

New Invoice Action: Normal & Usage



- Allows one invoice job to generate both Regular invoices and Usage only invoices depending on customers' invoice cycles
- Useful when 3- or 6-month customers are spread uniformly (use different Start Months)
- Separate Minimum Amount setting for Usage only invoices

The screenshot displays the 'Statement Generator' software interface. The 'Parameters' tab is active, showing the 'Parameter set' for 'Invoice Action Normal&Usage'. A red box highlights the 'Invoice action' dropdown menu, which is set to 'Normal & Usage'. Below this, there are checkboxes for 'Approve Statement Journals created', 'Automatically schedule statement file generation job', 'Automatically schedule GL transaction generation job', 'Automatically schedule A/R file generation job', and 'Automatically schedule repayments file generation job'. The 'Pre invoice processing class name' field is empty. On the right side, the 'Minimum Amount Usage Only Settings' section is highlighted with a red box. It includes the text 'Amounts are including tax.' and two radio buttons: 'Use default' (unselected) and 'Job specific' (selected). The 'System default setting' is 0, and the 'Override level' is 0,01. The 'Include open balances until' section has 'Invoice date' selected. The 'Regular invoices' radio button is selected.

Enhanced job locks



- Named Locks feature allows locking different types of jobs against each other
- Jobs may request several named locks to start

The screenshot displays a software configuration window for a job. The main window has several sections:

- Job Type:** Statement Gen... (dropdown)
- Job Name:** Invoice All (text field)
- Controlled By:** CLSP2008-X64 ... (dropdown)
- Description:** Standard invoice run for STD customers. (text field)
- Job Group:** Invoicing (dropdown)
- #History records to keep:** 100 (text field)
- Lock Name(s):** voiceRollback (text field with a search icon, highlighted with a red box)
- Enabled:**

Below these fields are tabs for **Statement Generator**, **Schedule**, **Notification**, and **History**. The **Parameters** tab is active, showing:

- Parameter set:** All customers
- Invoice action:** Normal
- Split journals:**
- Max statements per journal:** (text field)
- Invoice Journal Label:** LBL_All
- Max batch size:** 10
- Approve Statement Journals created:**

A **Lock Name(s)** dialog box is overlaid on the main window. It has a blue title bar with a close button (X). The dialog contains a list box with the following items:

- Invoicing
- InvoiceRollback

At the bottom of the dialog are three buttons: **Add**, **Edit**, and **Remove**, along with an **OK** button.

Improved Invoice sort order definition



- The GUI for defining sort orders on the invoice has been moved to a separate tab in the Invoicing subsystem
- Added possibility to sort also on:
 - Service – i.e. In which order subscriptions are listed
 - Item Groups

The screenshot displays the Invoicing subsystem GUI. The main window has a menu bar with tabs: Invoicing, Credits, Payments, GL Transactions, Prepayments, Invoice Status, and Number Ser. Below this, there are three sub-tabs: Services Sort Order, Charge Types Sort Order, and Item Group Sort Order. The Services Sort Order tab is active, showing a list of services: Broadband VoIP, BUCKET-, EVENT-PRICES-SERVICE, Extras Service, Internet DSL, Internet LAN, INV-ACTION-SERVICE, Mail Account, Mobile broadband VoIP, Notification Service, Prepaid Telephony, and RATING-GROUP--SERVICE1. The Charge Types Sort Order tab is also visible, showing a list of charge types: Rating Types, One-Off Charges, and Recurring Charges. The Recurring Charges tab is active, showing a list of charge types with their sort order: Subscription fee, Equipment rental, Invoice Action Recurring Fee, Mail Fee, 3 months, Far Advance, Mail Fee Extra Storage, 3 month, Far Advance, LAN Fee, 1-month, Post paid, LAN Fee, 1-month, Advance, LAN Security Pack Fee, 1-month, Advance, LAN Security Pack Fee, 1-month, Post paid, VOIP Fee, 1-month, Advance, VOIP Fee, 1-month, Far Advance, VOIP Fee Call Forwarding, 1-month, Advance, VOIP Fee Call Forwarding, 1-month, Far Advanc, DSL 3-months Fee, DSL 2Mbit, and DSL 3-months Fee, DSL 8Mbit. The sort order is displayed in a list with a scroll bar and up/down arrows.

Improved Inventory change rules



- The Inventory change rules functionality has been improved and revised.
 - Now a Change Rule points to a Change Action to carry out when an inventory item is removed from a subscription.
 - It is also possible to have different rules for inventory items removed from subscription depending on the cause (deactivation, cancellation or change).

The screenshot displays the 'Inventory' management interface with the 'Inventory Tagging' tab selected. The left sidebar shows a tree view of inventory categories, with 'Change Rules' expanded to show a rule named 'Set to reserved, on customer reservation,owner,Ported In,'. The main panel shows the configuration for this rule:

- Details of:** Set to reserved, on customer reservation,owner,Ported In,
- Priority (1 is highest priority):** 1
- Triggered by:** Any change (highlighted with a red box)
- Action to Apply:** Set to reserved, on customer reservation
- Filter (optional):**
 - Key name:** Owner
 - Key value:** Ported In
 - Subscription Property (item is attached to):** (empty)

Contact

Caleo Technologies AB

Address:
Södra Gubberogatan 20
S- 416 63 Göteborg
Sweden

Tel: +46 (31) 337 55 40
Fax: +46 (31) 337 55 49

www.caleotech.com
info@caleotech.com

Per Mellberg: + 46 (0) 70 511 65 24
Jonas Lagerberg: + 46 (0) 70 273 94 91

