

CMTS

ETHERNET

iBurst

VSAT

WiMAX

Deployment

Highlights...

- ◆ Deployed for Cable, iBurst, VSAT and other wireless technologies
- ◆ Triple play deployments
- ◆ Integrated with multiple AAA servers and network elements

MQSubscribe is a Customer Management and Billing solution ideal for Internet /Broadband and VoIP service providers. The solution can accurately rate & bill broadband and VoIP usage to ensure there is no revenue leakage. It has evolved along with the growing services offered by the ISPs right from billing dialup internet access, email, web hosting services and is enhanced to bill value added services such as Bandwidth on Demand.

MQSubscribe is deployed across multiple business models and distribution networks including CMTS, Ethernet, iBurst, VSAT & WiMAX. As part of these deployments MQSubscribe is integrated with various AAA servers, bandwidth managers, mediation systems and email servers. Various authentication processes related to each of the network types are incorporated making the provisioning and mediation framework network agnostic.

Why MQSubscribe

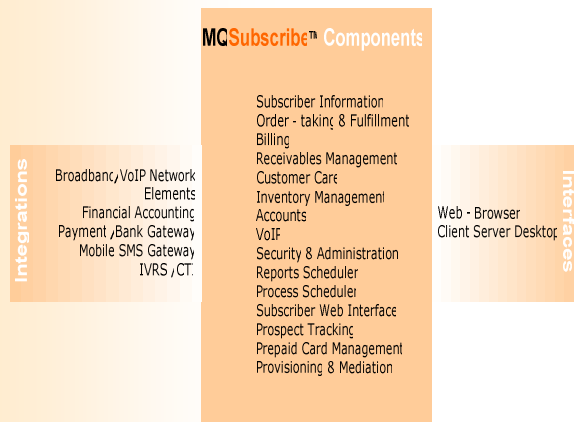


Exhibit No. 1: MQSubscribe Components

MQSubscribe is designed for broadband operators to manage their prepaid and postpaid subscription business.

The product aims at maximizing revenues and sales for operators by capping revenue leakages, streamlining operations and maintaining high level of customer service standards. Exhibit no.1 details the components in the product designed to achieve the operator objectives. The core differentiators of MQSubscribe are:

- ◆ Centrally Monitor Operational Efficiency
- ◆ Control Revenue Leakage
- ◆ Automate Provisioning & Mediation
- ◆ Improve Customer Service Levels

Benefits...

- ◆ Flexible to support changing needs
- ◆ Improve customer retention and loyalty
- ◆ Control costs
- ◆ Accelerate revenue growth
- ◆ Optimized operational efficiency
- ◆ Lower Total Cost of Ownership

Centrally Monitor Operational Efficiency

Dashboards in MQSubscribe, enables operators to monitor operations centrally. It is a great tool to get a glance instantly of the business and also drill down to the status of activities like:

- ◆ Sales revenue as on date
- ◆ Pending subscription activations
- ◆ Customer churn
- ◆ Open Tickets
- ◆ Payments Collected
- ◆ Stock availability

Control Revenue Leakage

Rating engine enables operator to differentiate by creating innovative service mix and thereby maximizes the revenues. The rating engine is designed to handle complex rating scenarios including:

- ◆ Bandwidth based: Price per unit varies depending on the total usage
- ◆ Time based: Fix rates based on time (Peak, Off peak, holidays)
- ◆ Combination of both bandwidth & time
- ◆ Slab based: Set up pricing based on customer slabs

Automate Provisioning & Mediation

Automating Service provisioning and mediation is the most important challenge in broadband networks. Each Service provider has a different network element suiting their business. Our open, flexible integration framework is network agnostic and enables seamless integration with any new network elements used for service provisioning and usage mediation.

This integration enables operator to:

- ◇ Automatically collect usage and apply rate plans
- ◇ Automatically activate and deactivate a subscription based on business scenarios
- ◇ Anytime access to active customer information

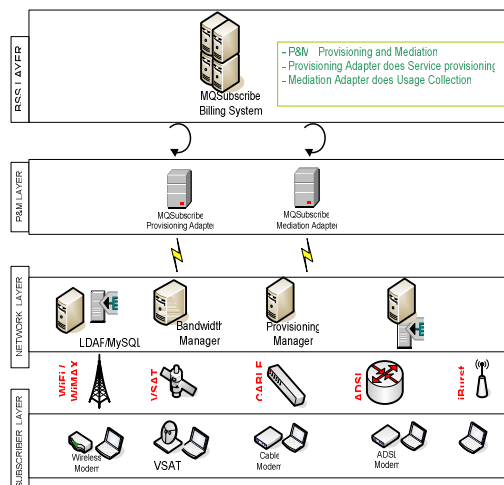


Exhibit No. 2: MQSubscribe Deployment Architecture across multiple networks

Solution

Highlights...

- ◆ Accurate Billing
- ◆ Interconnect Settlement
- ◆ Rate multiple services simultaneously
- ◆ Peak and Off-peak rating
- ◆ Bandwidth on Demand
- ◆ Threshold Enforcement
- ◆ Single voucher for multiple service

Improve Customer Service Levels

MQSubscribe allows you to do effective scheduling and monitoring of CPE installations leading to quicker subscription activations. Prioritization of tickets and escalations enables the supervisor to organize & monitor customer of complaints / queries. MQSubscribe's exhaustive search facility allows CSR to track customer information with minimum criteria. Also communicate with customers through mobile, SMS and Email for transactions done for individual customers such as:

- ◇ Password on registration
- ◇ Change in package
- ◇ Discount
- ◇ Reconnection
- ◇ Bill details with follow-up

Service type	Credit Limit	Consumed Units	Available Balance	Limit
VOD	500	570	-70	Limit
SB	0	0		Limit

Call Type	Source	Destination	Start Time	End Time	Duration	Units	Rate/AbUse/1	Billing Status
Call to Other Network	41028	28090	09/02/2008 13:50	09/02/2008 13:51	1	0.5	Unbilled	
Call to Mobile	41028	71676	09/02/2008 10:44	09/02/2008 10:45	1	1	Unbilled	
Call to Other Network	41028	28090	09/02/2008 10:45	09/02/2008 10:45	10	0.5	Unbilled	
Call to Other Network	41028	28090	07/02/2008 12:47	07/02/2008 12:48	22	0.5	Unbilled	
Call to Other Network	41028	28090	05/02/2008 12:49	05/02/2008 12:49	7	0.5	Unbilled	
Call to Other Network	41028	28090	02/02/2008 15:19	02/02/2008 15:20	11	0.5	Unbilled	
Call to Other Network	41028	28020	02/02/2008 12:56	02/02/2008 12:57	59	0.5	Unbilled	
Call to Mobile	41028	71676	29/01/2008 07:46	29/01/2008 07:46	22	1	Billed	
Call to Other Network	41028	28090	28/02/2008 14:27	28/02/2008 14:27	7	0.5	Billed	
Call to Other Network	41028	28090	24/02/2008 04:11	24/02/2008 04:12	43	0.5	Billed	
Call to Mobile	41028	71676	24/02/2008 12:49	24/02/2008 12:49	14	1	Billed	
Call to Mobile	41028	71676	23/01/2008 13:33	23/01/2008 13:34	47	1	Billed	
Call to Other Network	41028	28090	23/01/2008 13:33	23/01/2008 13:33	6	0.5	Billed	
Call to Mobile	41028	71676	23/01/2008 14:22	23/01/2008 14:22	10	1	Billed	
Call to Other Network	41028	28090	21/01/2008 14:22	21/01/2008 14:22	0	0	Billed	
Call to Other Network	41028	0024424452	16/01/2008 11:18	16/01/2008 11:20	184	75.76	Billed	
Call to Mobile	41028	71676	16/01/2008 11:58	16/01/2008 11:58	30	1	Billed	
Call to Other Network	41028	22254	08/01/2008 14:56	08/01/2008 14:56	12	0.5	Billed	
Call to Mobile	41028	71676	07/01/2008 15:03	07/01/2008 15:03	20	1	Billed	
Call to Mobile	41028	71676	04/01/2008 12:59	04/01/2008 12:59	54	1	Billed	

Testimonials...

"We have evaluated few globally renowned solutions and found MQSubscribe suitable to our offerings and VSAT broadband requirement."

CTO of one of our VSAT Broadband customers

MagnaQuest's experience in providing solution for rating & billing of multiple services to convergent operators has convinced us that their solution will suite our existing & future business requirements.

CEO of one of our Triple Play customer

Customer Self Care

Reduce billing enquiry calls from customers by providing online account lookup. Self care allows customers to register complaints, check bills online and pay online. In addition to the above, your customers can view billed and unbilled usage / call detailed records.

MQSubscribe Integration with various Network Elements

Bandwidth Manager	RADIUS	Softswitches
◆ Allot Net Enforcer	◆ Interlink Networks	◆ Artilium SIP Server
◆ Thomcast IPE	◆ Aradial	◆ Cedar Point
◆ SkyStream IPE	◆ Vircom	◆ Redwood
◆ Packeteer	◆ Allot Net Accountant	◆ ACBIS
◆ Verso Clarent	◆ Cisco Netflow	VSAT
◆ Navini	◆ LDAP	◆ Hughes
◆ Cisco BPR	◆ XT - RADIUS	◆ Gilat
◆ Cisco CNR	◆ Netop	◆ iDirect
	Email Server	
	◆ CommuniGate	
	◆ iPlanet	