



Intraway

Provisioning Suite

Offer telephony is More Simple



Self-Provisioning for Cable Modems and E-MTAs



Proactive Monitoring of Cable Modems and E-MTAs



Fraud Control and Automatic Firmware Management



Captive Portal for Collection and Bad Debt Management



Traffic and Time based billing



Ready for DOCSIS[®] 2.0 and PacketCable[™] 1.5 deployments

**Provisioning and Management of DOCSIS[®]
Cable Modems, PacketCable[™] telephony,
multiple Set-Top Boxes and Hotspots.**

Visit us at <http://www.intraway.com>



Intraway
Corporation

Intraway Corporation
663 Sarmiento St., Suite 500
Buenos Aires, C1041AAM

Phone: +1 (516) 620-3890
Email: info@intraway.com
<http://www.intraway.com>



TVC Communications
800 Airport Road
Annville, PA 17003-9002

Phone: +1 (888) 644-6075
+1 (717) 838-3790
<http://www.tvcinc.com>

Self-Provisioning for Cable Modems and MTAs

DOCSIS Self-Provisioning

This module frees your company from manual activations, thus allowing installers to activate cable modems from customers' homes without the need of contacting with the or any other sector within company.

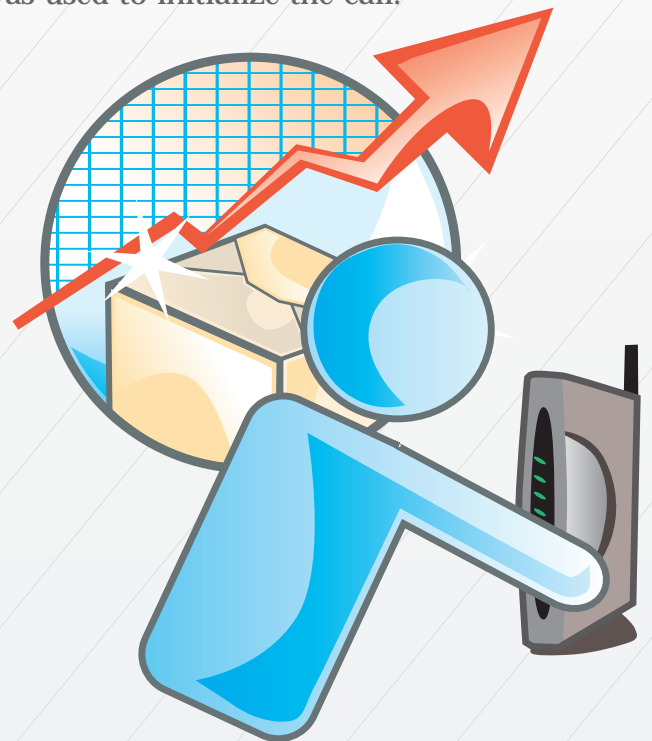
When the customer requests the service, the system assigns an activation code related to his account. When the cable modem is connected to the network for the first time, Intraway automatically detects the MAC address of the device, captures the subscriber's browser in an activation captive portal, and asks the client to type the pre assigned activation code. Once the code is validated, Intraway activates the cable modem with the QOS contracted by the customer and sends the information to the CRM or the legacy subscriber management system in order to finish the installation process, assign the modem to the customer's inventory and start the billing.

One of the most important advantages of this module is the feature that assures the quality of each installation, for the Internet and for telephony, preventing the cable modem from staying connected if the power and SNR measures in the device and the CMTS are out of the pre-established ranges.

PacketCable™ Self-Provisioning

The PacketCable Self-Provisioning Module is based on an IVR provided by Intraway, to where all the calls from the devices in the activation process are redirected.

Once connected to the IVR, the subscriber or the installer only needs to touchtone the service activation code. Immediately and automatically, Intraway will create the corresponding lines in the softswitch and will activate the E-MTA that was used to initialize the call.



Proactive Monitoring of Cable Modems and E-MTAs



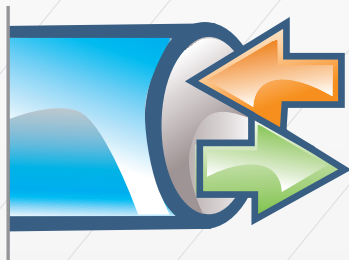
The Proactive Network Monitoring module continuously verifies the state of many indicators provided by each network device, including CMTSs, Cable Modems and E-MTAs. This module exploits the information wisely to discover trends, active problems and hidden issues. The immediate notification of trends and problems allows the administrator to take corrective actions even before the subscriber notices any trouble.



Traffic and Time Based Billing

The traffic management module analyzes the bytes transferred by each device and stores the results according to time periods and schedules, allowing different technical support and billing tasks.

For the business model that allows web surfing with monthly traffic limits, the system uses its own captive portal in order to inform the customer that his credit has run out and give the customer the possibility of purchasing additional credit (megs or gigs).



With regards to technical support, this module adds to Customer Care Representatives' screens the possibility of visualising the time periods when the customer was surfing the web (in 4-hour intervals) and the current consumption (on line) of the client's device.

The time management module allows the simulation of virtual connections and disconnections through the captive portal and a disconnect button. Each time the subscriber wants to surf the web, he needs to log in and log out when he finishes. When the client reaches the credit limit, the system will automatically disconnect him, inform about the situation and invite the subscriber to pay an additional fee in order to continue surfing the web.

This module enables your company to offer cheaper service plans that include a time credit and a certain additional fee if the customer exceeds its monthly limit. At the end of each period, Intraway will report to the billing system the amount of time consumed per subscriber, how much of that time was included and how much corresponds to additional time that has to be billed separately.



Fraud Control and Automatic Firmware Management

With regards to Internet services, fraud consumes bandwidth and can generate network disruptions. With regards to telephony, fraud can cause great interconnection costs.

Intraway's fraud control module addresses this issue reporting the cloned cable modems and E-MTA MAC addresses



while the firmware management module keeps the devices with a secure, qualified firmware since it forces them to update any version they have every time they try to register on the network.

Captive Portal for Debt and Collection Management

The Captive Portal module offers you the possibility of communicating with your subscribers accomplishing 100% effectiveness.

From the moment that you decide, when the subscriber wants to access any website, Intraway will redirect his browser to its captive portal showing the message that your company wants to communicate. After reading the message, the customer is allowed to go to the original website.

Utilizing this innovative system you can easily communicate news, events, promotions, contract changes and especially, notifications of deadlines and service interruption warnings.



Complete Provisioning Suite



Join our growing customer base of more than 40 MSOs including Telefónica, Cablemás, TVCable, Cable Onda and other provisioning from 5K to 300K subscribers.

Telefonica

 **Cablemás.**

TVCable
FIBRA OPTICA

 **cable onda**

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