

ZemFusion

Datasheet

The ZemFusion system provide Total Control over your broadband network using Zero Effort Management. ZemFusion enables policy enforcement and service monitoring, physical control over network inventory, logical control over your network design, troubleshooting and self provisioning interfaces.

The ZemFusion system automates and ties together workflows between Subscriber, Service Provider and Network Operator. The system is hardware independent and also access methods independent supporting Open Access networks, CATV networks, WiMax networks, FTTx Networks, etc. ZemFusion system uses a plug-in interface for automating processes and providing administrators with a single turn key environment, rather than having to log into individual switches and multiple administration systems. The Zemware system also provides with a subscriber portal API for self service provisioning allowing subscriber to activate desired services through a portal interface. Furthermore, the ZemFusion system provides with detailed realtime records of your infrastructure, subscribers, suppliers, error reporting and ticket handling.

Key Features:

Work Flow Management:

- System access for subscriber, service provider and network
- Dynamic service delivery
- Scheduling and planning

Subscriber Policy Control:

- Location awareness (Maps)
- Service and contract parts
- Billing data per service, time frame, start/end rates and dynamic debits

Equipment Control:

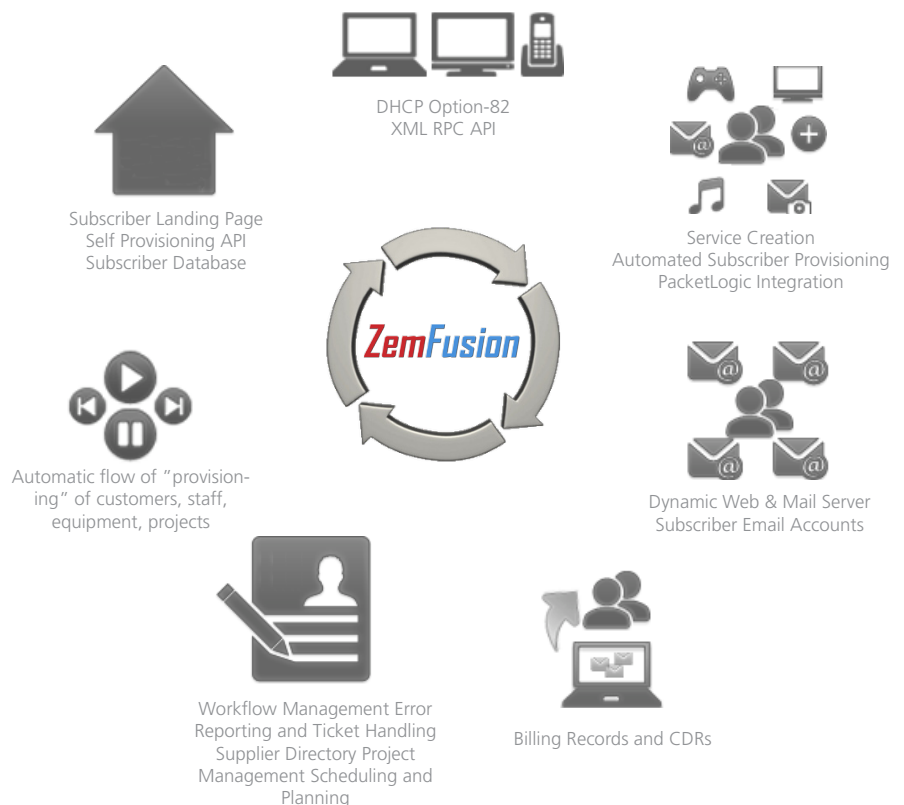
- Location awareness (Maps)
- Physical access to racks, network appliances, patches and connections
- Contract support costs
- Supplier Directory

Logical Network Control:

- Network capacity awareness
- Support for IPv4, IPv6, and VLANs
- Dynamic DHCP scopes and filters

Troubleshooting and Ticketing:

- Contract management
- SLA enforcement
- Connecting support tickets to subscriber, equipment and location



ZemDHCP

Datasheet

Service provider grade DHCP for automated device provisioning. Easy to implement and administer, utilizes Option-82 information, supports subscriber landing page and can integrate with other systems via XML RPC API.

Key Features:

Service Provider Grade DHCP Server.

- Built-in redundancy and load-balancing to support your always-on needs
- Dynamic TFTP server for CPE provisioning

Dynamic DHCP Scopes and Lease Log

- Policy control per subscriber, service, device, and port
- Option-82 handling using "auto learning"

DHCP Client Lease Database:

- Network statistics and scope forecasting

XML RPC API:

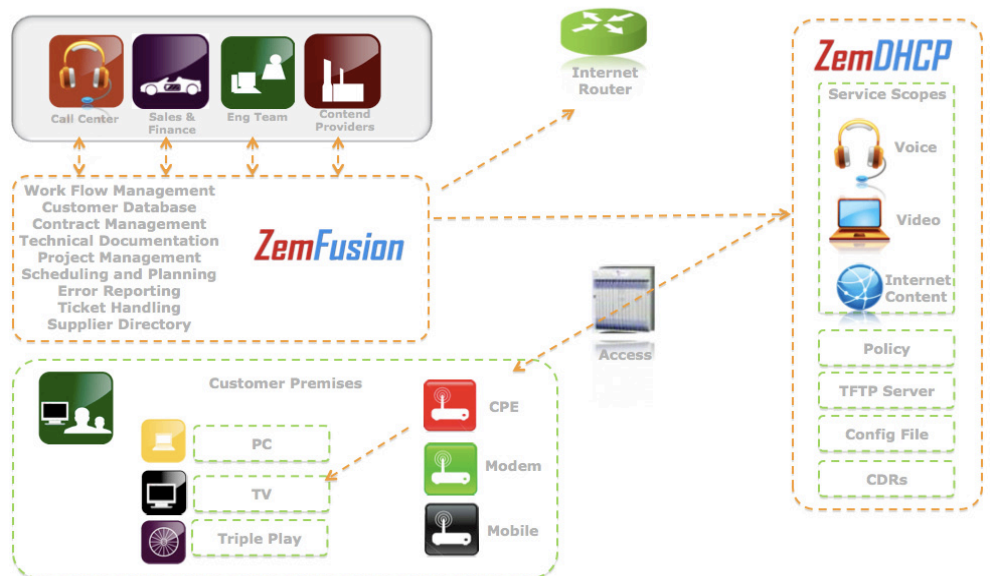
- Subscriber landing page and integration support

Web GUI and SQL DB:

- Ease-of-Use

PacketLogic Interface:

- Create NetObjects per subscriber, access switch, port, VLAN, etc.
- Add policy, bandwidth shaping and filtering rules per subscriber



Key Benefits Includes:

- 1) Reduce costs by workflow automation while increasing innovation and improving customer service and support.
- 2) Automated data retention support and documentation of all network transactions, minimizing the risks of human errors.
- 3) Realtime access to subscribers, network equipment, projects and ticket handling, minimizing the risks of human errors.
- 4) Increases ROI using centralized management and a future proof solution.