

The Alcatel 5730 VPN Service Manager (VSM), formerly the 930 VSM*, allows service providers to offer multiservice VPNs to business customers.

Service provisioning

The service definition capabilities of the 5730 VSM allow service providers to create a catalog of templates for business services, each with a predefined set of attributes. This service catalog can then be made available to customers through web access. To activate a new service on demand, the user selects the service template and the endpoints. The request is forwarded to the Alcatel 5620 Network Manager (NM), formerly the 46020 Network Manager*, which applies the change to the affected nodes. Confirmation of the change is then returned to the user. This fully automated service provisioning process results in fewer errors and faster provisioning. For service providers, minimal technical expertise is required to provision a new service. As a result, fewer operations resources are required.



Simplified service-oriented provisioning, web-based customer assurance and comprehensive performance management for 5620-based networks

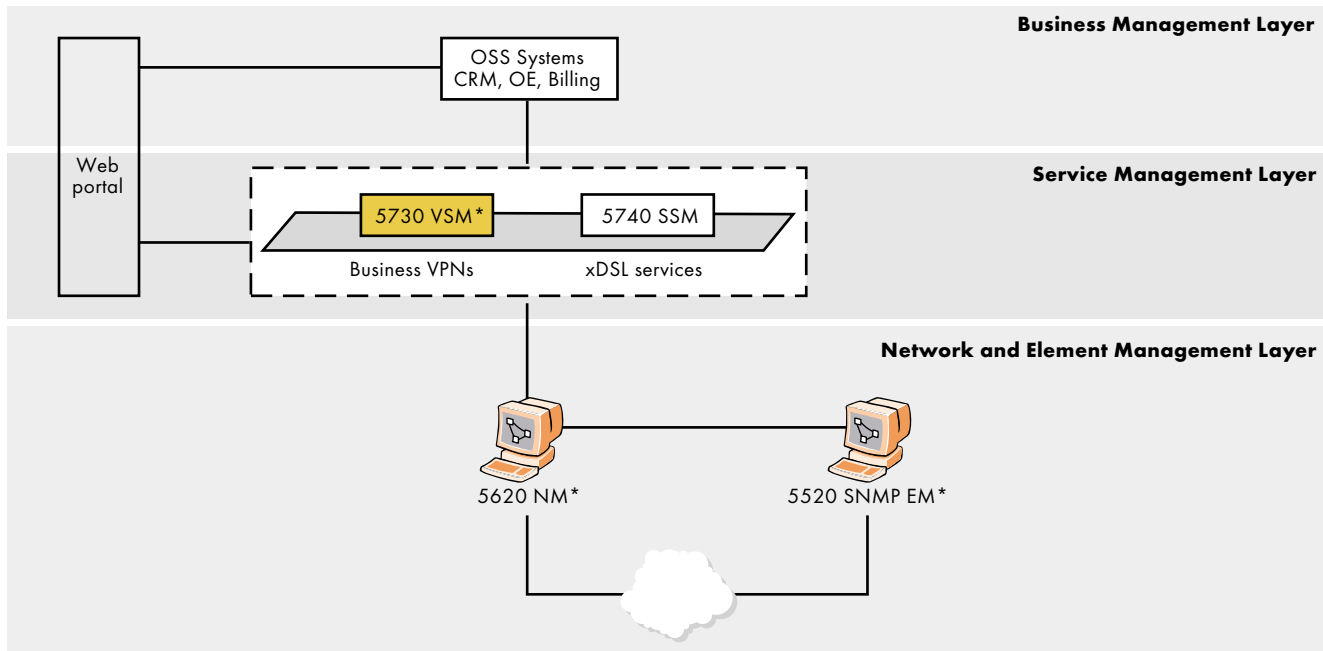


Customer assurance

The 5730 VSM presents information in terms of customers, sites and services. Using a single screen, customers can view the end-to-end status of their services, along with the status of each endpoint. Service providers can also apply notification priorities to customers, sites and services. The 5730 VSM then analyzes network failures, details customers affected, and presents the customer impact to the user.

Performance management

The 5730 VSM enables service providers to demonstrate to customers that they are receiving the level of service for which they have contracted. From the 5730 VSM, account managers and customers can generate reports for their frame relay and ATM services. The 5730 VSM reports on critical metrics such as congestion, volume and utilization, providing an early warning sign of performance problems in the network.



* Alcatel 5520 SNMP Element Manager (SNMP EM), formerly the 45020 Element Manager
 Alcatel 5620 Network Manager (NM), formerly the 46020 Network Manager
 Alcatel 5730 VPN Service Manager (VSM), formerly the 930 VSM

Technical Summary

Features

- ▼ Quickly identify customers and services affected by network faults
- ▼ Management and template-based creation of services
- ▼ Intuitive, sophisticated web-based GUI
- ▼ Customer- and service-oriented views of VPN services
- ▼ Customizable levels of access control from read only to read/write
- ▼ Automatically enabled/disabled statistics collection on VSM created services
- ▼ Generates traffic, error and congestion reports for VSM services
- ▼ Customer naming of services and ports for easy reference (service provider-assigned name is read only to customers)
- ▼ Bulk service/site creation wizard
- ▼ Service and site event log screens
- ▼ Path assignment, allowing customers to associate existing paths with VSM services
- ▼ Overall service status plus endpoint status
- ▼ CORBA interface available for third-party product integration

Services

- ▼ PVC and SPVC
- ▼ Frame relay
- ▼ Frame relay to ATM service interworking
- ▼ Frame relay to ATM network interworking
- ▼ ATM VCC (includes CE endpoints)
- ▼ ATM VPC

Scalability

- ▼ 10,000 services
- ▼ 1,000 customers, 1,000 sites
- ▼ 100 service definitions
- ▼ up to 100 operators

Network Management Compatibility

- ▼ 5620 Network Manager R3, R3.2 and R3.3
- ▼ Service Director R1.2
- ▼ Concord Network Health R4.5
- ▼ Supports an upgrade from CSM Service Director to VSM R1.0

Platform

- ▼ Minimum platform requirement: Ultra2, 256 MB RAM, 8 GB hard drive
- ▼ Sun Solaris v2.5.1
- ▼ Netscape Enterprise Server v3.5.1

Reports

All of the following reports are trend reports, and are based on the Network Health standard trend report template.

Network Element Type	Report Name
ATM port	<ul style="list-style-type: none"> ▼ Traffic Report, Bytes ▼ Traffic Report, Cells ▼ Errors/Discards Report
ATM VPC or VCC path endpoint	<ul style="list-style-type: none"> ▼ Traffic Report, Bytes ▼ Traffic Report, Cells ▼ Discards Report ▼ Congestion Report
FRL endpoint	<ul style="list-style-type: none"> ▼ Traffic Report, Bytes ▼ Traffic Report, Frames ▼ Errors/Discards Report
FR path endpoint	<ul style="list-style-type: none"> ▼ Traffic Report, Bytes ▼ Traffic Report, Frames ▼ Discards Report ▼ Congestion Report

* This product belonged to the Newbridge family. Newbridge was acquired by Alcatel in May 2000.

For more information www.cid.alcatel.com

Alcatel, the Alcatel logo, MainStreet and Newbridge are registered trademarks of Alcatel. All other trademarks are the property of their respective owners. Alcatel assumes no responsibility for the accuracy of the information presented, which is subject to change without notice.

© 2000 Alcatel. All rights reserved. 10212
3CL 00469 0017 TQZCA Ed.01



ARCHITECTS OF AN INTERNET WORLD