

Subex NetProvision

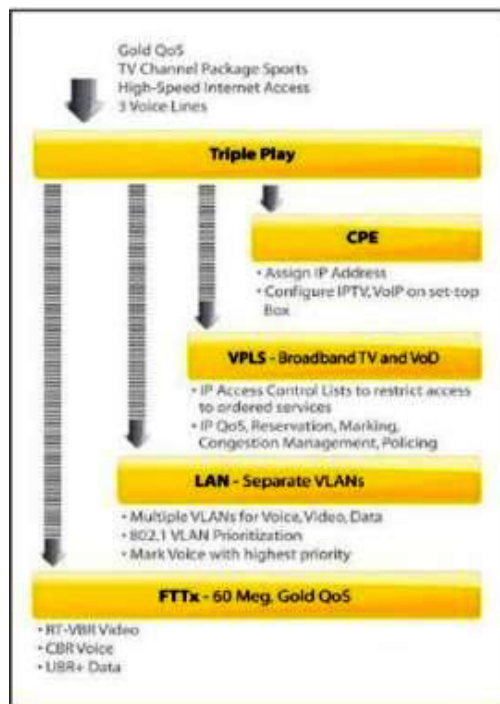
Subex NetProvision is an award-winning, industry-leading solution for the provisioning of wireline-based services for communication service providers. This system automates the complex design and activation of the many network devices (e.g. DSLAMs, Ethernet switches, OLT/ONT, routers, etc.) that need to be configured as part of a residential broadband or Enterprise VPN offering. NetProvision provides extensive support for the following service types:

- o Residential Broadband utilizing DSL, Ethernet or FTTX technologies
- o MEF carrier ethernet services such as E-line, E-LAN, E-tree
- o BGP/MPLS based IP VPNs

NetProvision includes the industry's most advanced and most widely deployed discovery engine, enabling the system to perform design and assign, based on the network and logical resources as they really exist, not as some off-line database thinks they might. This significantly reduces fallout rates and decreases the time required to activate a service.

With bi-directional network communication, a full-function Flow-Through Interface and two-phase commit transaction management, Subex **NetProvision™** not only speeds service delivery; it radically improves the efficiency and accuracy of the order fulfilment process. With its modular, extensible, and scalable design, NetProvision also enables communications providers to rapidly introduce new services and service options and thus meets dynamically changing business, network, and market requirements.

NetProvision is the industry leader in configuration of wireline services on today's multi-protocol networks. Service providers around the globe rely on NetProvision to provision services spanning CPE, access, transport and distribution devices. NetProvision helps CSPs turn provisioning from an art into a science that allows for automated, repeatable configuration of wireline services. NetProvision implements all necessary network changes as the services themselves change to ensure that the network configuration and security matches the service(s) ordered. The figure below illustrates the types of changes NetProvision controls across the network.



Subex NetProvision: Best-in-Class Product

Subex NetProvision provides the network connectivity design/assign and activation functionality necessary to enable flow-through provisioning of end-to-end data circuits for multiple technologies (including Carrier Ethernet, PON/FTTX, ATM/FR, DSL, IP-VPN) and multiple equipment vendors. Logical design and assign is performed based on an intimate knowledge of logical resources as they exist in the network (over 3,000 logical object models across all technologies and vendors). Assignments are made against a network topology database that is synchronized with the network, eliminating provisioning fallout. NetProvision also provides activation functionality to turn-up the network mechanically. After defining the end-to-end provisioning assignments, NetProvision translates activation commands to the network equipment via Equipment Modules.

The NetProvision architecture is inherently multi-technology and multi-protocol, and hence provides native support for a large number of network technologies (IP, DSL, ATM, FR, Optical, etc.) and management protocols (XML, CORBA, SNMP, TL1, etc.). Support for new connectivity services can be added without affecting existing equipment support. Conversely, support for new equipment can be added without impacting existing connectivity services.

Subex NetProvision

Equipment Modules

Subex NetProvision leverages an extensive portfolio of bi-directional equipment interfaces, called Equipment Modules (EMs). The Subex service fulfillment solutions obtain and maintain network-synchronized views of communications services, resources, and the end-to-end relationships between the two, ultimately enabling the three-way correlation of communications services to network resources to customers. This real-time understanding of communications network and communications services produces accurate communications service design, resource assignment, and activation, significantly reducing fallout rates and time-to-communications service.

Summary

Deployed at leading carriers around the globe, NetProvision increases the service providers' revenues and drives down operation costs by automating the design and activation of complex, application-aware connectivity and enabling flow-through provisioning of next-gen data and IP services across multi-vendor, multi-technology networks. By ensuring quick, reliable service fulfillment, NetProvision accelerates time-to-market for new offerings and facilitates mass-market efficiencies, while supporting crucial network transformation projects.

Today's service management challenges demand that service providers evolve from Operational Support Systems (OSS) that support the provisioning and assurance processes to real-time service fulfillment management solutions that enable customer-to-order and control any application, any time, from any device. With these changes, service providers need close partnerships with forward-looking ISVs who understand this massive change and can bring the right product, competency, and focus to their operations.

With more than 10 million new data services processed through its Subex platforms annually, the Subex has proven itself a critical partner to Tier 1 providers around the globe. Telus, AT&T, Telecom Italia, Swisscom, Sprint, Bell Canada, Telecom Argentina and others rely on Subex solutions to turn next generation technologies into successful, carrier-class services.

About Subex Limited

Subex Limited is a leading global provider of Operations and Business Support Systems (OSS/BSS) that empowers communications service providers (CSPs) to achieve competitive advantage through Business Optimization and Service Agility - thereby enabling them to better operational efficiency to deliver enhanced service experiences to subscribers. The company pioneered the concept of a Revenue Operations Center (ROC) – a centralized approach that sustains profitable growth and financial health through coordinated operational control.

Subex's product portfolio powers the ROC and its best-in-class solutions enable new service creation, operational transformation, subscriber-centric fulfillment, provisioning automation, revenue assurance, cost management, data integrity management, fraud management and interconnect / inter-party settlement.

Subex's customers include 36 of the world's 72 biggest* telecommunications service providers. The company has more than 300 installations across 70 countries.

* Forbes' Global 2000 list, 2009

For more information please visit www.subexworld.com



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