



ITU Seminar

Warsaw, Poland, 6-10 October 2003

Session 5.5

Features, Inputs and outputs for most frequent tools: VPI - Solution Overview -

Network Planning Strategy for evolving Network Architectures

www.vpisystems.com

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VPI's Promise to Service Providers



VPI automates the network infrastructure planning processes of a telecommunications network operator, to

- ✓ improve planning process efficiency and to
- ✓ achieve higher asset utilization.

Network Planning Strategy for evolving Network Architectures

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NETWORK LIFECYCLE MANAGEMENT (NLM)

VPI'S DOMAIN

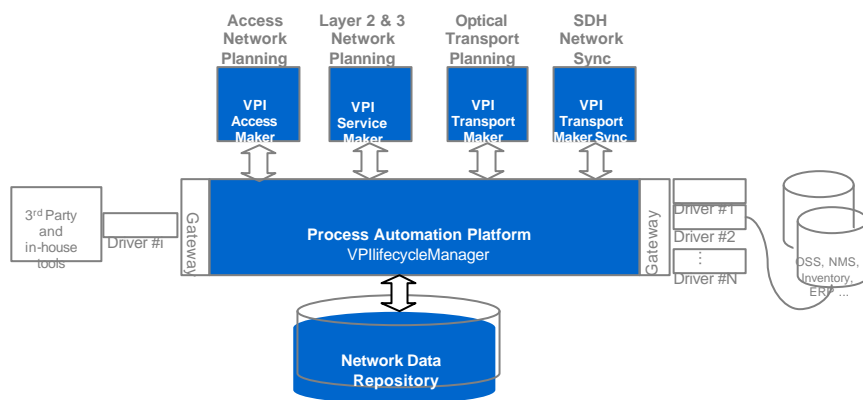


- Forecast product demands (eg. xDSL, voice & IP traffic, bandwidth)
- Re-optimize existing demands and minimize new network build
- Detailed configuration and deployment plans
- Inventory management
- Technology and vendor benchmarking
- Procurement
- Service fulfillment and assurance
- Project management
- Financial studies



VPI Design & Deployment Center

... solution overview



- An enterprise-class network planning system comprising
- ✓ a suite of network planning applications for the access, service and transport domain
 - ✓ a collaborative working environment which enables data sharing, process automation and integration

VPI Design & Deployment Center

... center features at a glance

The screenshot displays the VPI Design & Deployment Center interface. It features a 'Team Workspace' on the left with a tree view of project files. A central pane shows the 'Attributes of VP TransportMaker Project', including fields for Title, Created by, Created at, Last modified by, Last modified at, Version, and Access rights. A 'Set Version' dialog box is open, showing a 'Version List' with options 0.1 through 0.5. A 'Main View' on the right contains various tool icons for network design and simulation. A semi-transparent box in the bottom right corner lists key features:

- ✓ Virtual project teams
- ✓ Collaborative work space
- ✓ Network planning tools
- ✓ Automatic versioning control
- ✓ Re-use of best practice documents

VPI Design & Deployment Center

... example for collaboration of groups sharing data

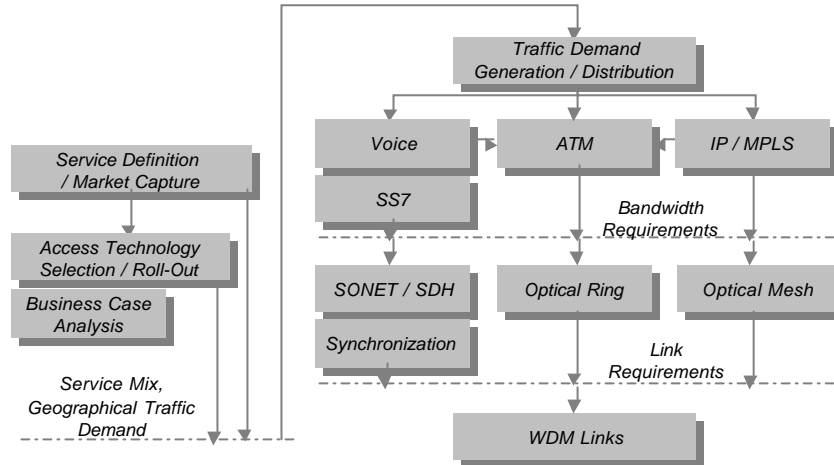
This screenshot illustrates data flow-through via referencing in the VPI Design & Deployment Center. It shows a central project workspace with a tree view of files. Three callout boxes highlight specific features:

- Access Network Group:** Points to a network map visualization in the top-left corner.
- ATM Planning Group:** Points to a network diagram with highlighted nodes in the top-right corner.
- Transport Planning Group:** Points to a network diagram with highlighted nodes in the bottom-left corner.

Large green arrows indicate the flow of data between these groups, with a central box labeled 'Data Flow-Through via referencing'.

VPI Design & Deployment Center

...network technologies covered



VPIsystems appreciate ITU-D providing enabling information on commercial network planning software through their regional seminars

Jointly deploying

- ITU-D's professional enabling services
- VPIsystems' network planning solution leverages the knowledge enabling in the ITU-D region for the benefit of the incumbent network operators.