ITU Seminar

Warsaw, Poland , 6-10 October 2003

Session 5.5

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

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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 LIFECYCLE MANAGEMENT (NLM)

VPI'S DOMAIN

| Demand Forecast | Re-Optimization / Plan New Build | Implementation Strategy | Build | Operate & Maintain |

- Forecast product demands (eg. xDSL, voice & IP traffic, bandwidth)

- Re-optimize existing demands and minimize new network build
- Technology and vendor benchmarking
- Financial studies

- Detailed configuration and deployment plans
- Procurement
- Project management

- Inventory management
- Service fulfillment and assurance

VPI Design & Deployment Center
… solution overview
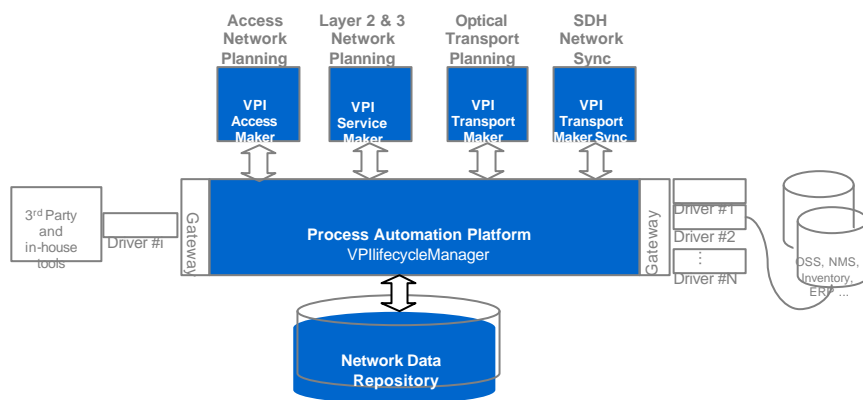
An enterprise-class network planning system comprising

✓ a suite of network planning applications for the access, servic e and transport domain

✓ a collaborative working environment
which enables data sharing, process automation and integration

VPI Design & Deployment Center
... center features at a glance

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

Network Planning Strategy for evolving Network Architectures   www.vpisystems.com   Session 5.5 - 5

VPI Design & Deployment Center
... example for collaboration of groups sharing data

Access Network Group

ATM Planning Group

Transport Planning Group

Data Flow-Through via referencing

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VPI Design & Deployment Center
…network technologies covered
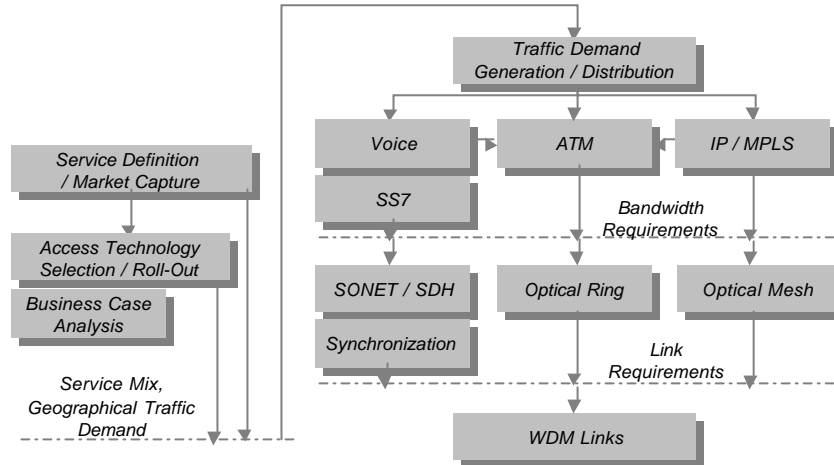
VPIsystems appreciate ITU-D providing enabling information on commercial network planning software through their regional seminars

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 incumbant network operators.~~