

# Magellan Open Management: Fit and Flexibility

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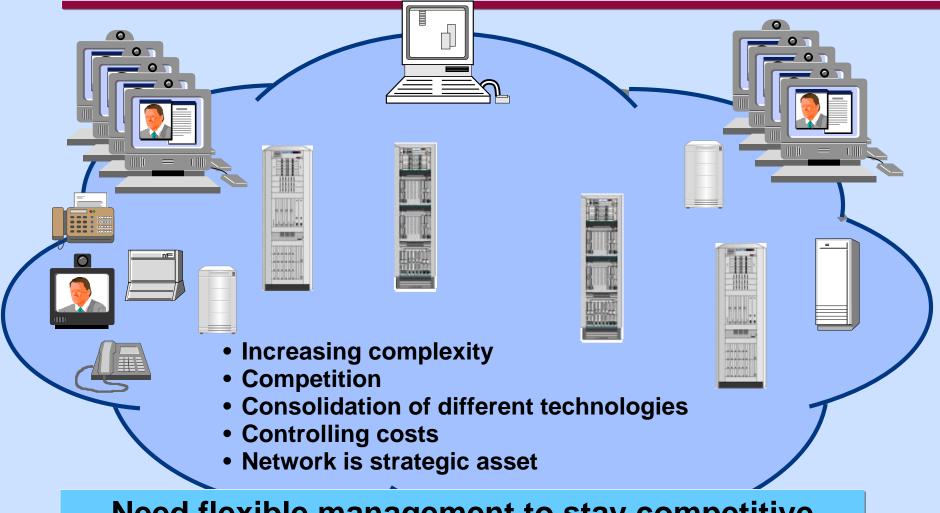
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## **Agenda**

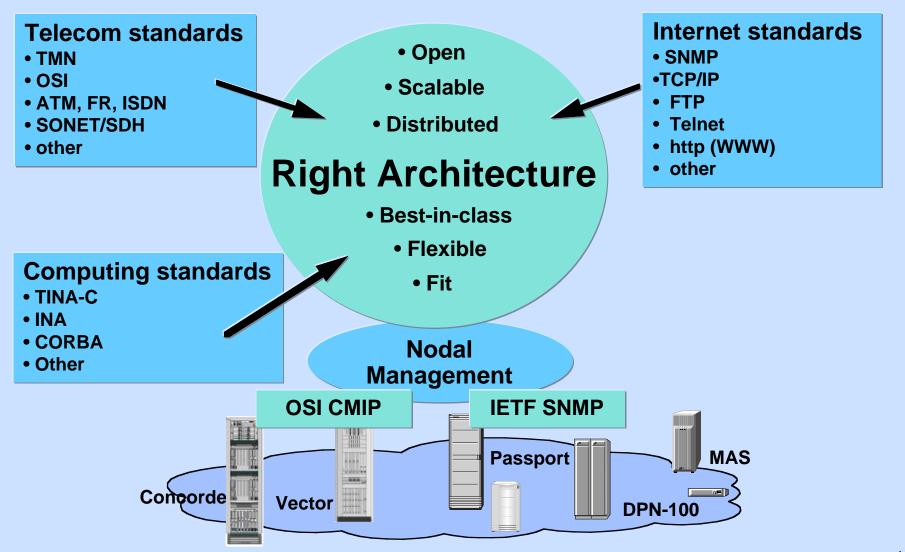
- Introduction
  - -fit and flexibility
  - -industry directions
- Interfaces (fit)
- Platforms (flexibility)

## **Customer Drivers for Flexibility**



Need flexible management to stay competitive

#### Which Management Solution?



#### **Open Interface Market Review**

#### OSI

- Fault standard finalized
- Performance standard finalized
- Balance still pending

SNMP



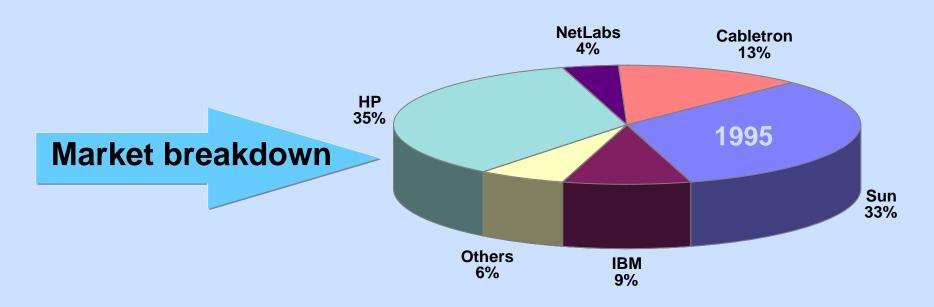
The de facto standard in the network management industry

- SNMPV1 available 1989
- SNMPV2 in progress

There are two options: SNMP or OSI

#### **Open Platform Market Survey**

#### **IDC** industry survey



- HP OpenView is now the industry-leading platform
- Cabletron continuing to gain market share

#### **Management Strategy**

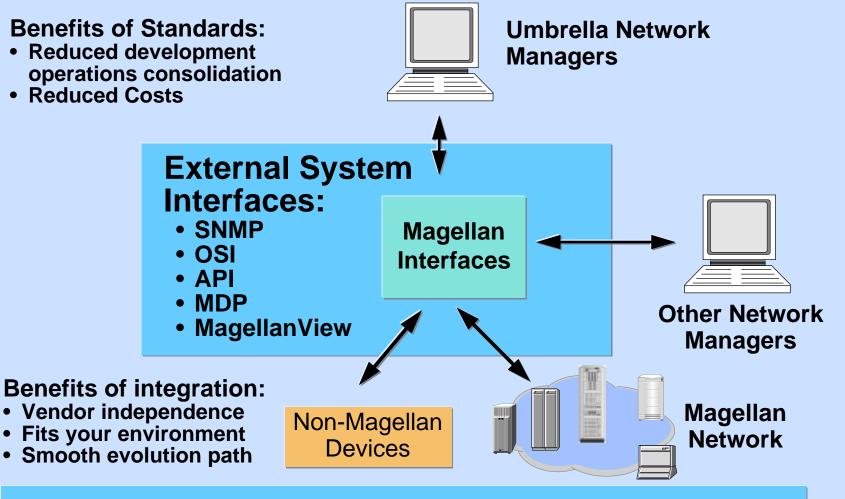
- Deliver functionality on commercially available management platforms
- Maintain advantages of Magellan NMS
- Allow value-added functionality to be used in all platform environments
- Implement applicable standards and market influences
- Deliver published interfaces

Deliver on what our customers need

## **Agenda**

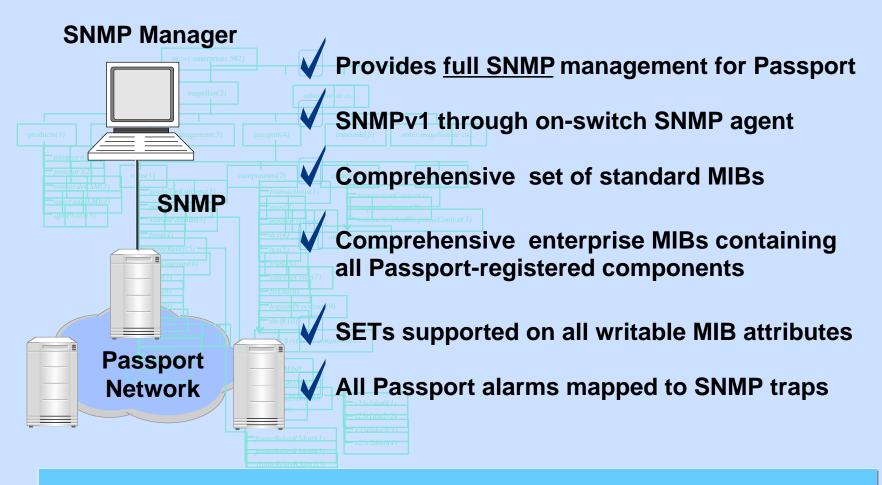
- Introduction
- Interfaces (fit)
  - -SNMP
  - -OSI
  - -APIs
  - Magellan data provider
  - Magellan View
- Platforms

#### **Magellan Interface Choices**



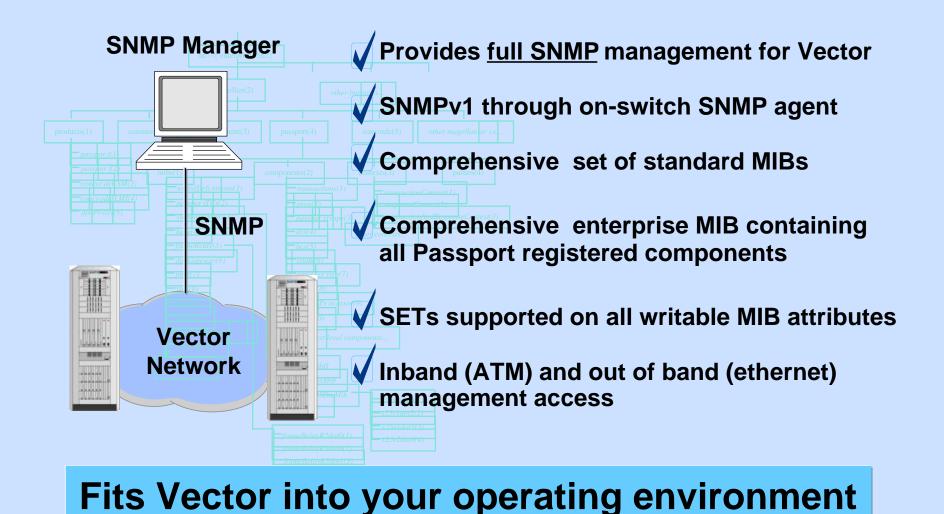
Interfaces to fit your operating environment

## **Passport SNMP Agent**

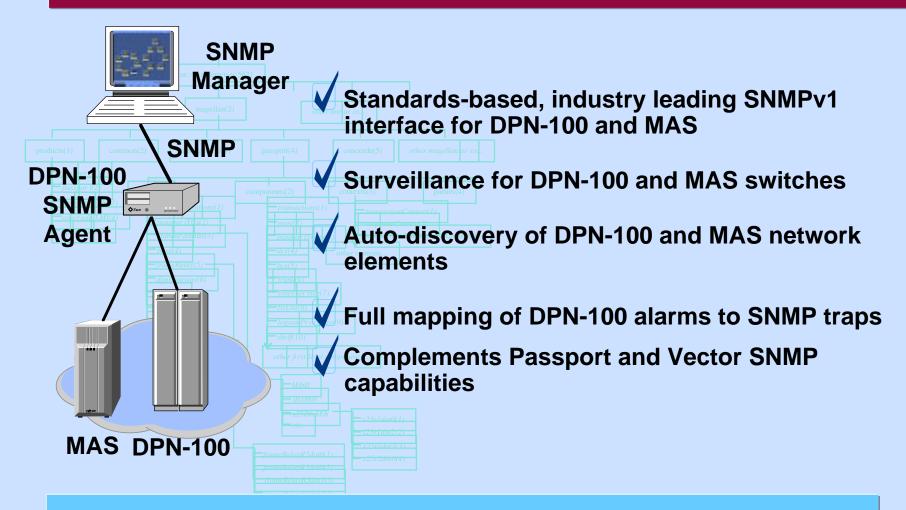


Fits Passport into your SNMP operating environment

#### **Vector SNMP Agent**



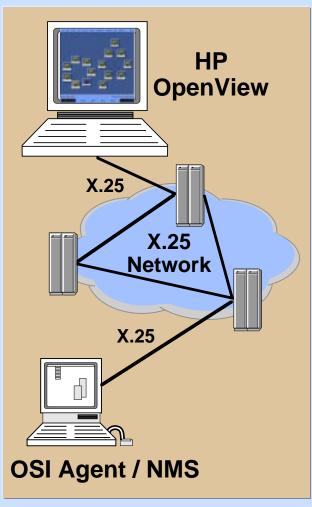
#### **DPN-100/MAS SNMP Agent**



Fits DPN-100 into your SNMP operating environment

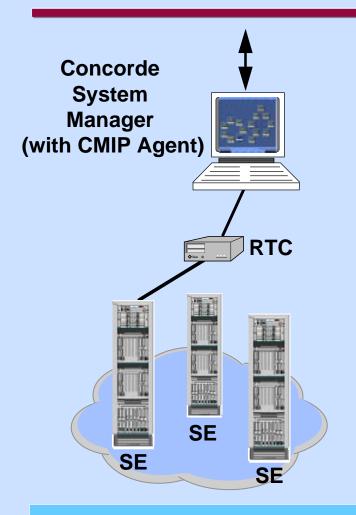
## Passport / DPN-100 OSI Agent

#### **Customer example**



- ✓ Standards-based CMIP interface
- Provides DPN-100 and Passport surveillance capability
- Compliant X.700 and M.3000 Series

## **Concorde CMIP Agent**

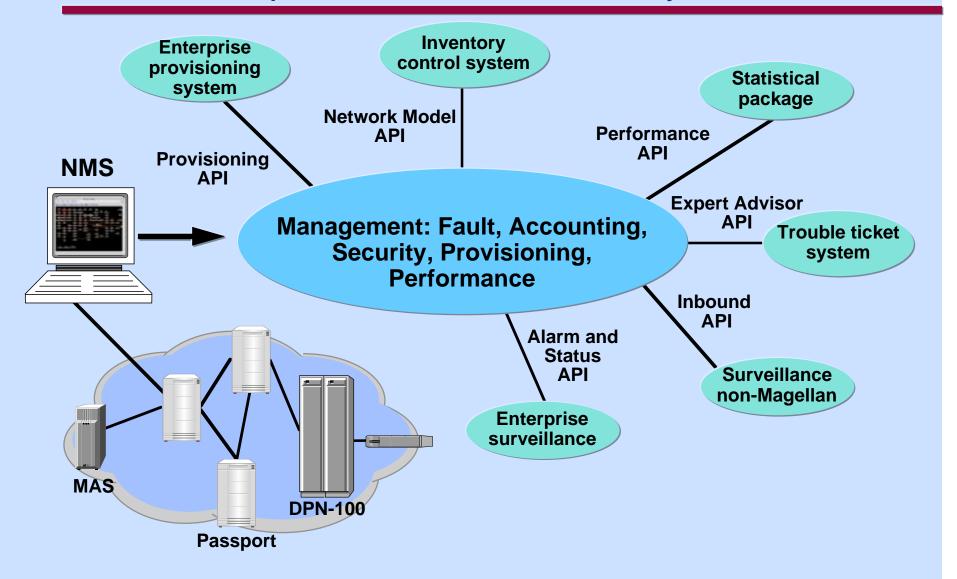


- **✓** Standards-based CMIP interface
- **✓** ATM Forum M4 MIB support
- Full set of management capability, including:
  - equipment configuration
  - PVC provisioning
  - fault management
  - performance management

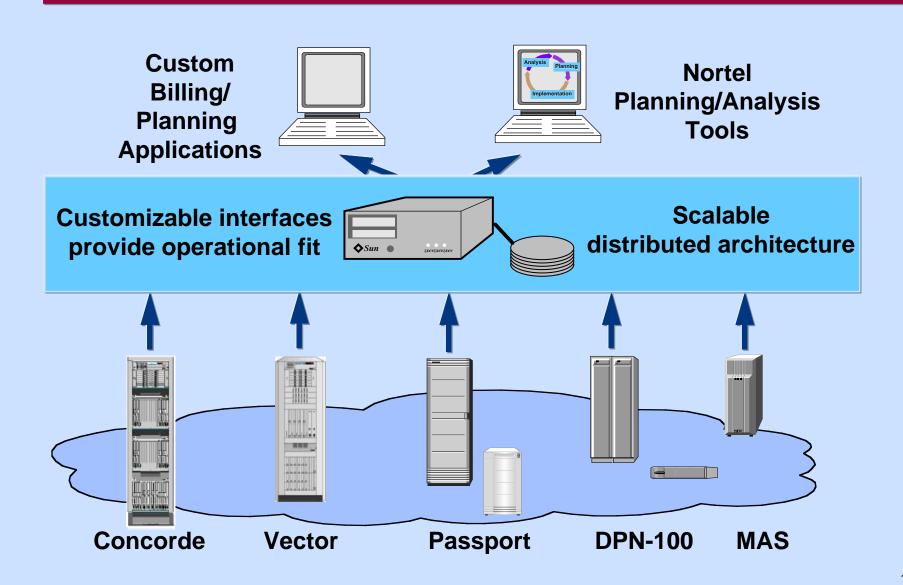
Fits Concorde into your CMIP operating environment

#### **Application Programming Interfaces**

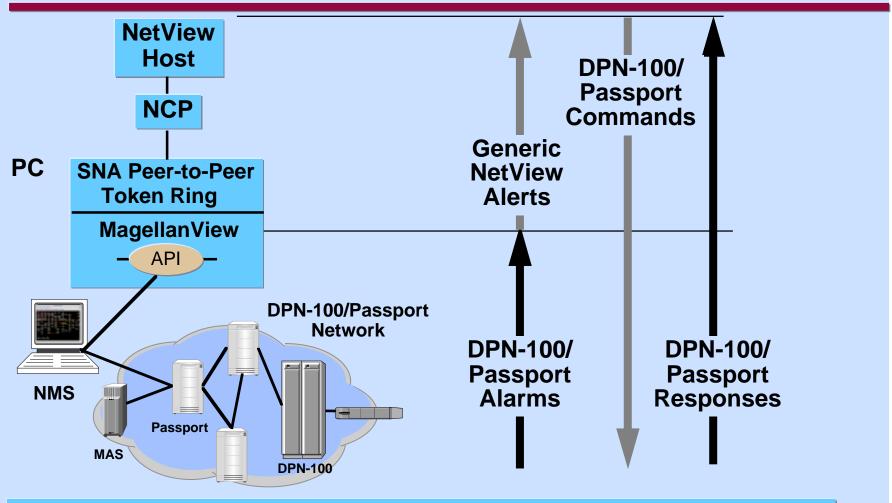
**Architecture for Open Interconnections to External Systems** 



#### Magellan Data Provider



#### **MagellanView**



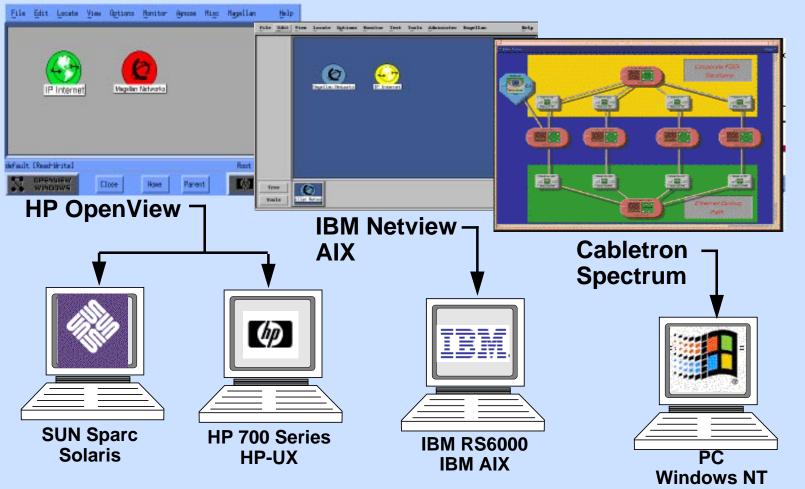
Manage Passport and DPN-100 faults from within IBM's NetView

#### **Agenda**

- Introduction
- Interfaces
- Platforms (flexibility)
  - -platform portfolio
  - multiservices enterprise example (OMS for Passport)

#### Magellan Open Platform Offerings

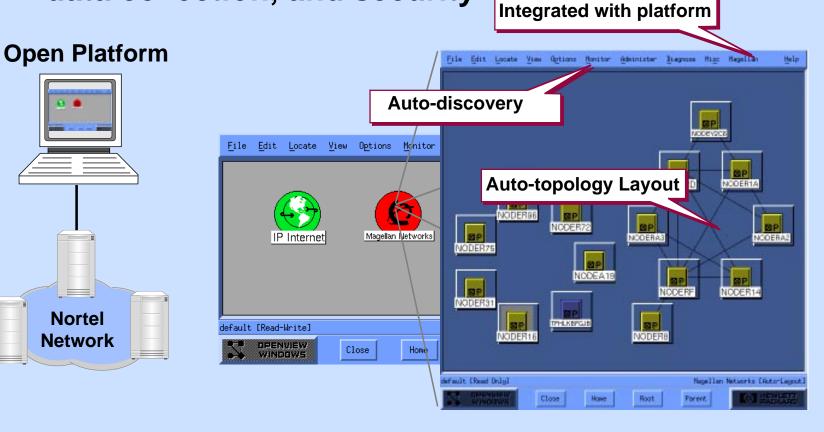
 Selection of industry-standard open platforms to fit your operating environment



#### **Integration with Platform**

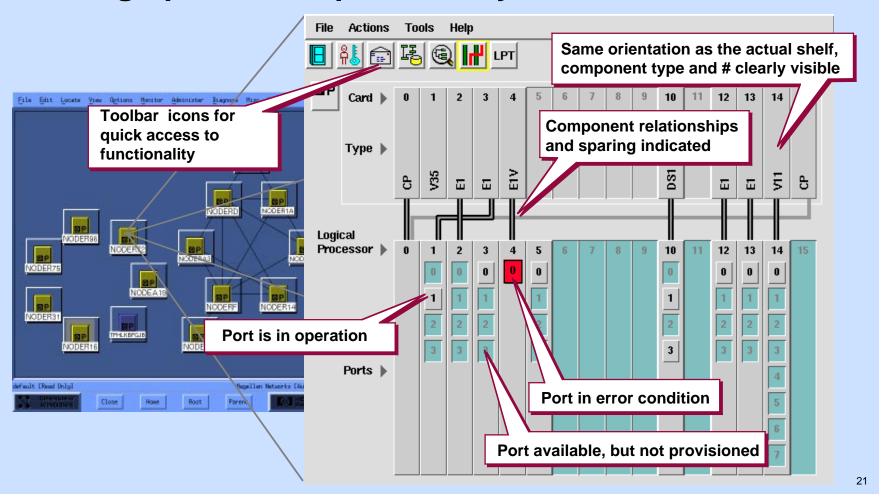
Full network management capabilities

-fault, configuration, performance management, data collection, and security

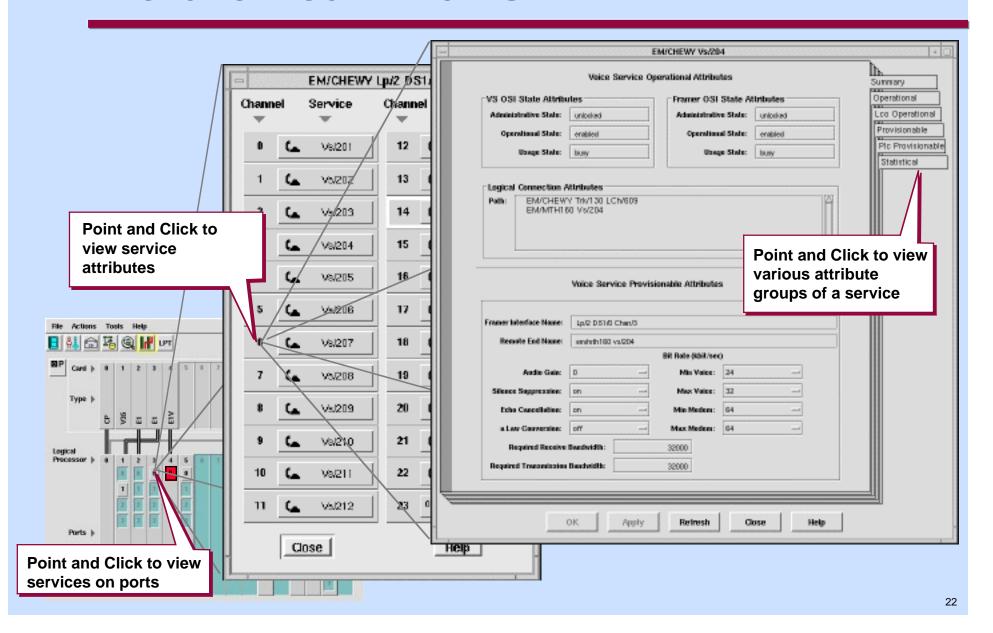


#### Multiservices Enterprise Example

 OMS for Passport - simplified management through powerful, operationally intuitive tools



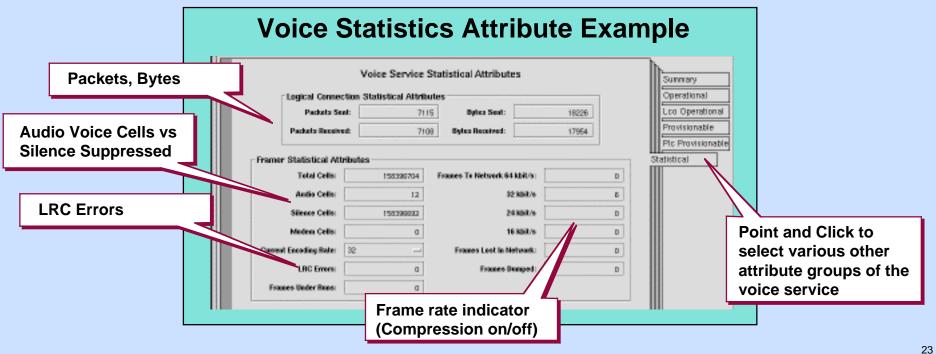
#### **Hierarchical Views**



#### Service-specific Attribute Views

- Real-time attribute groups
  - service summary attributes
  - operational attributes

- provisionable attributes
- statistical attributes
- A mouse "click" between attribute groups
  - easy-to-find information, customer feedback to form groups



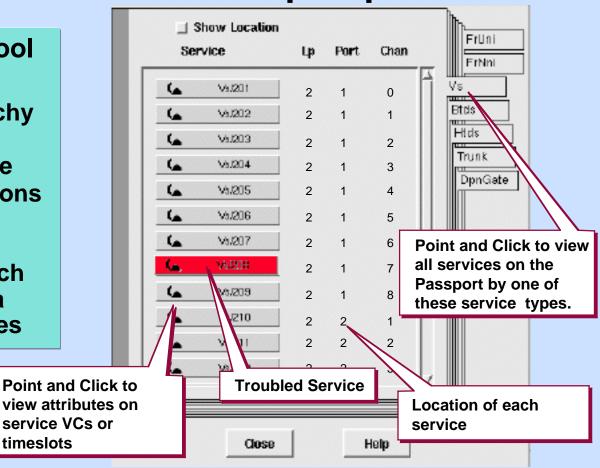
## Simplified Service Monitoring

 Object-oriented design allows information to be viewed from different perspectives

#### Service locator tool

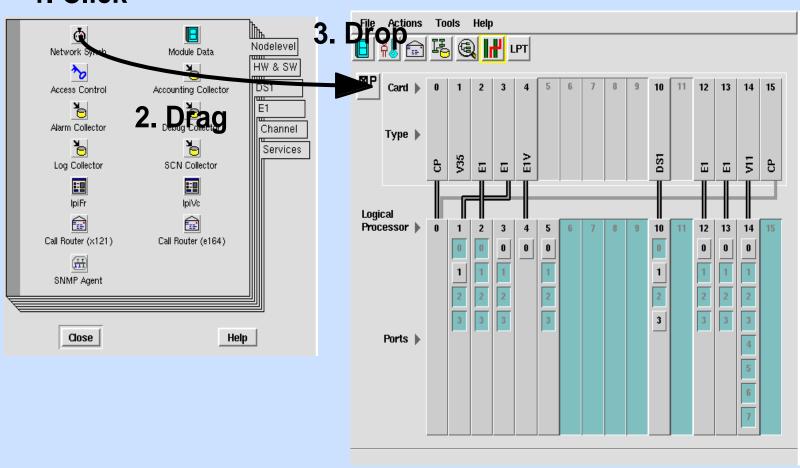
- Ignores physical component hierarchy
- Organizes from a service perspective
- Helps shift operations toward a service orientation
- Necessary approach to ATM multimedia adaption of services

timeslots

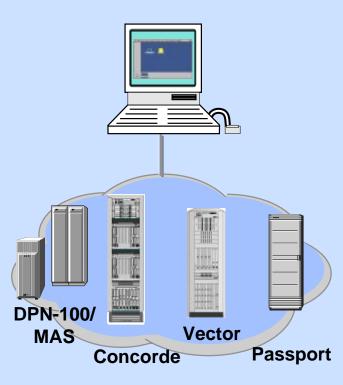


## **Provisioning - Fast and Easy**

#### 1. Click



#### Fit and Flexibility with Magellan



- ✓ Strategic fit
  - integration into your current environment
  - flexibility to address evolution plans
- ✓ Open and industry-leading technologies
  - standardized interfaces
  - leading open platforms
- **✓** Cost-effective scalability
  - event-driven architecture
  - distributed client-server model
- Improve service for network users
  - ease-of-use
  - controls complexity
  - reduces downtime
  - reduces costs

Fits into your existing infrastructure and provides flexibility to keep your network competitive