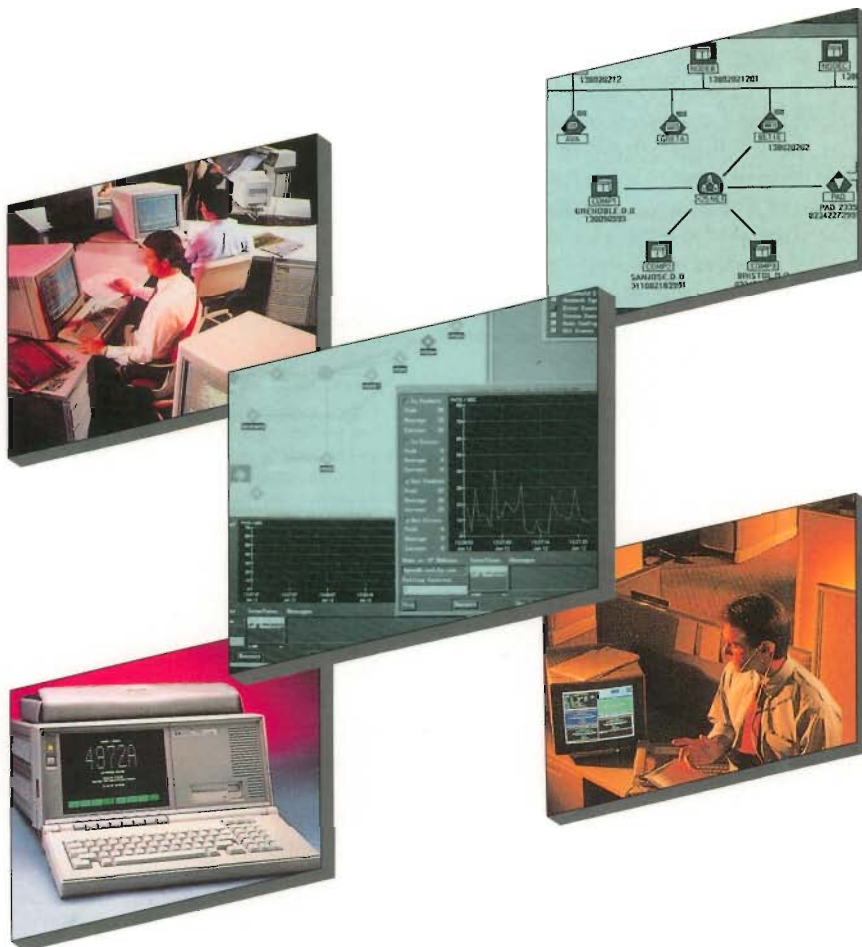


HP OpenView

Integrated Multivendor Network
and Systems Management

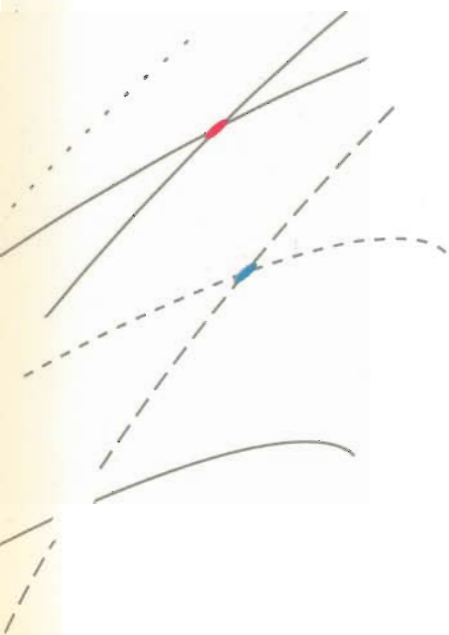
- Standards
- Scalability
- Flexibility
- Growth



HP Computer Museum
www.hpmuseum.net

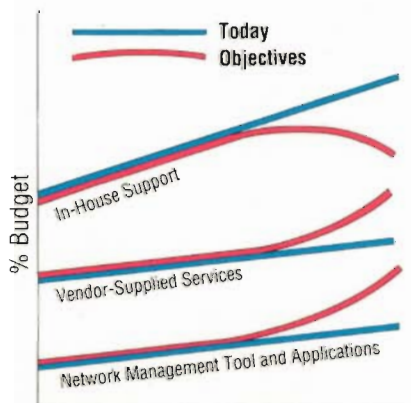
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“Why Should I Care About Managing My Network ?”



Customer Objective: Lower Cost of Ownership

As multivendor networks grow increasingly complex, the costs associated with network support have increased at a much greater rate than overall network costs. Thus, customers are now looking at network management tools and applications as a way to counteract these escalating support costs.



Companies are moving computer power from a centralized to a distributed environment.

A study conducted by the Yankee Group shows that business data traffic is increasing by about 35% per year per employee. This means that by 1993, most company networks will be about 87% larger than they are today... without any increase in employees!

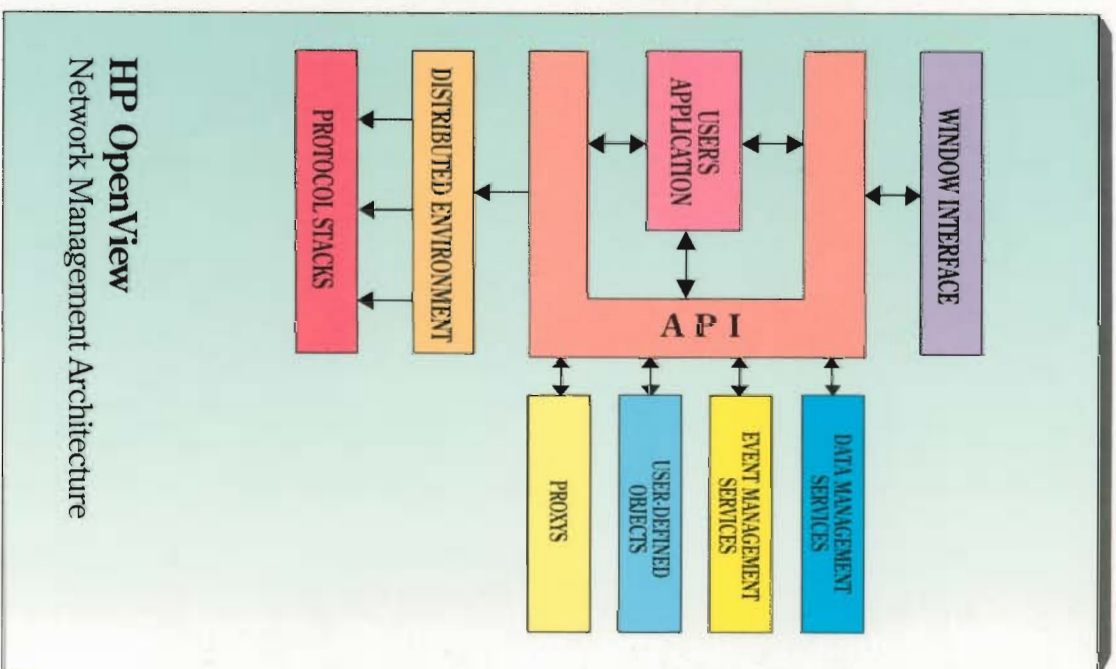
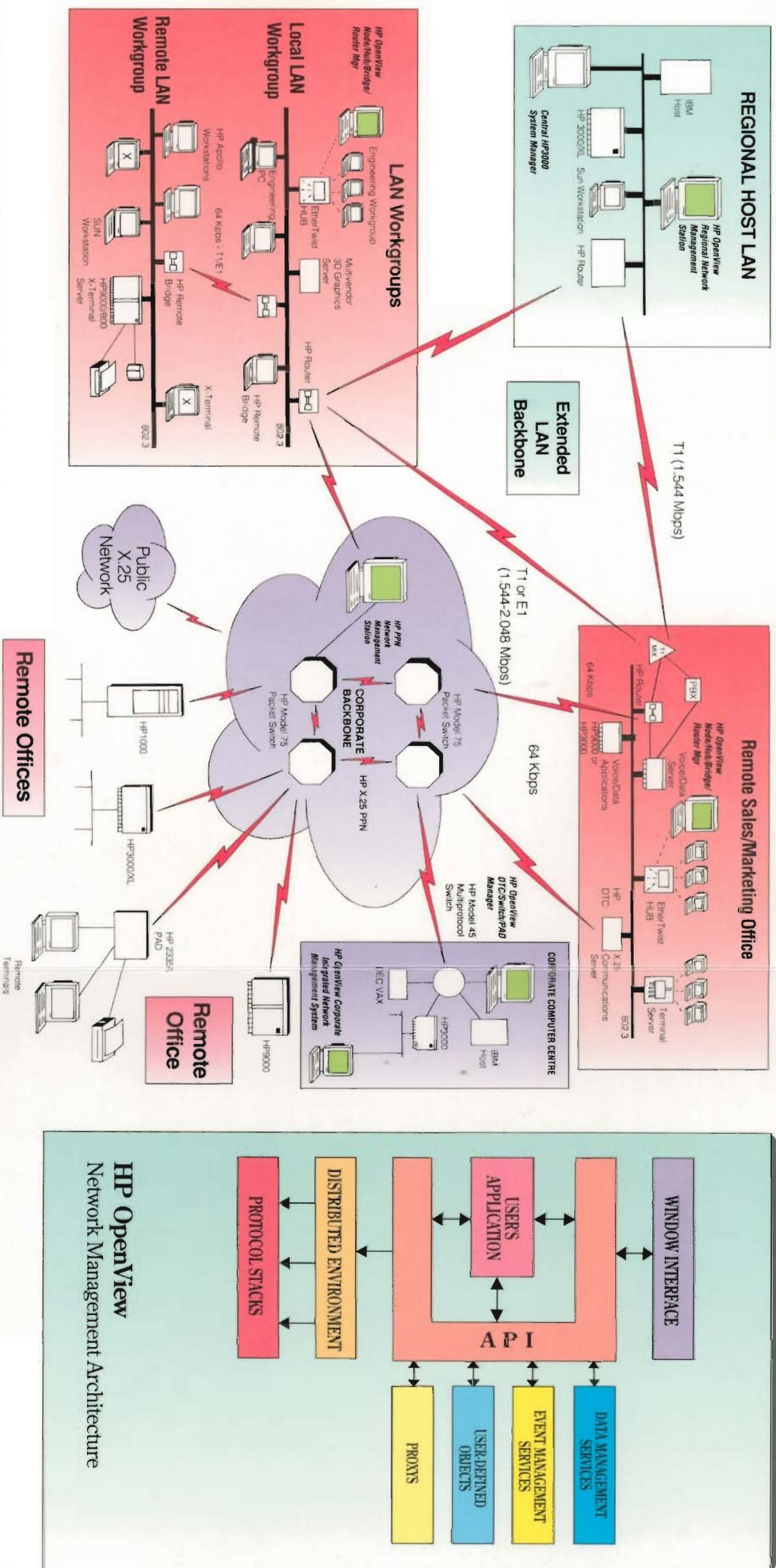
Given this prediction, integrated multivendor network management can provide a company with many competitive advantages. It can help ensure that the right information gets to the right individual at the right place and right time; and this applies to those individuals responsible for operating and maintaining the network as well as the end-users of network information.

An Integrated Network Management System (INMS) can save your organization time and money by identifying and monitoring network use and accountability and by reducing downtime, performance problems and network staffing requirements. ■

- **COMPETITIVE ADVANTAGE:**
*THE RIGHT INFORMATION,
THE RIGHT PLACE,
THE RIGHT TIME*



Corporate Networks



With HP OpenView's Development Environment, Integrated Network Management Systems (INMS) solutions are developed in five steps:

1. *Evaluate the environment to manage.*
The result of this step is usually a clear definition of user needs and objectives.

2. *Define objects.*
The HP OpenView Network Management Server provides object templates that comply with Internet and OSI standards, or new object classes can be defined by the developer.

3. *Define system structure.*
The output will be an understanding of the necessary mix of application and object managers to be implemented as well as the range of information to be shared among applications.

4. *Define object managers.*
Object managers are created, or existing object managers are used to manage network objects.

5. *Define applications.*
Once the object managers have been defined, the applications are defined. The applications use OSF/Motif and HP OpenView Windows to convey information to the user and receive commands from the user.

Network Type	Test & Measurement (Lanprobe: Protocol Analyzers)	Hub/Bridge Manager	Interconnect Manager	Network Node Manager	Data Comm & Terminal Controller Manager	Systems Manager	Switch-PAD Manager	Dataline Monitor Manager	PPN Network Management System	OpenView Windows/DOS	Network Management Server	Network Support Service
A. WorkGroup	•	•	•	•	•	•	•	•	•	•	•	•
B. Site Establishment	•	•	•	•	•	•	•	•	•	•	•	•
C. Inter-site Offices	•	•	•	•	•	•	•	•	•	•	•	•
D. Corporate Network	•	•	•	•	•	•	•	•	•	•	•	•

• optional • recommended

What Users Want For Network And System Management

HP's solution for network and System Management is called HP OpenView. It encompasses four broad product areas:

1) *Network Management*

Development Environments.
Which are used to develop, operate and integrate HP network management applications as well as those from other vendors.

2) *Element Management*

Applications.
Which manage HP network devices and systems.

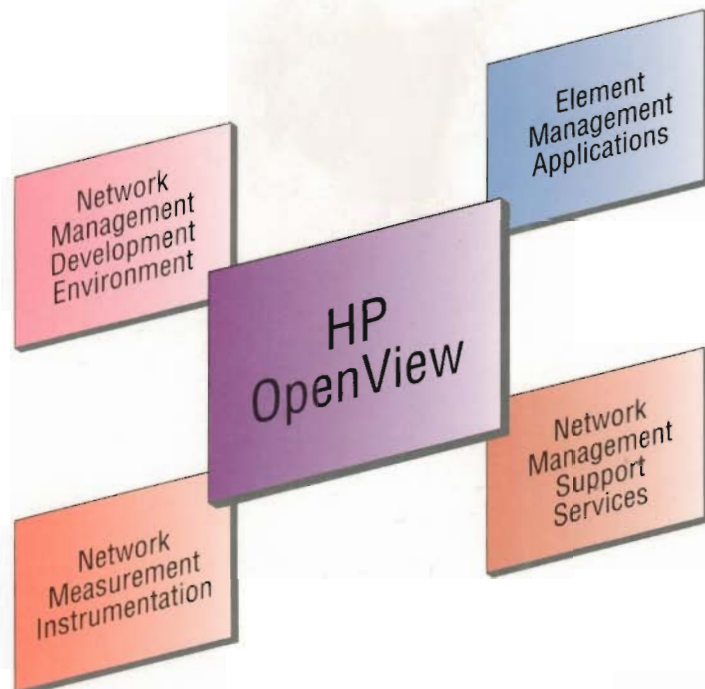
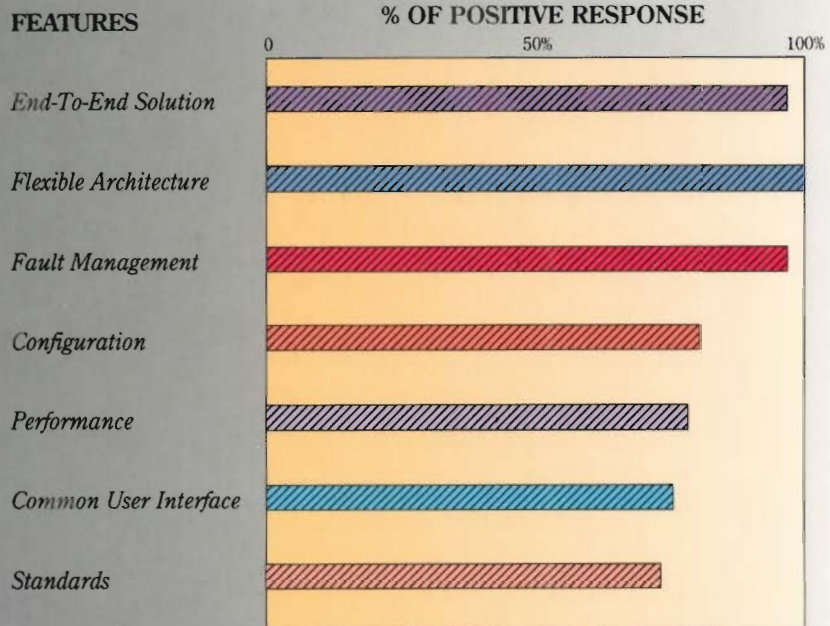
3) *Network Measurement*

Instrumentation.
Which monitor, test, and diagnose network installations.

4) *Network Management*

Support Services.
Which provide customized help in network planning and design, installation, operation and maintenance in multivendor environments. ■

A recent study by the OSI/Network Management Forum on the global commonality in user requirement for a network management system has yielded the following findings:



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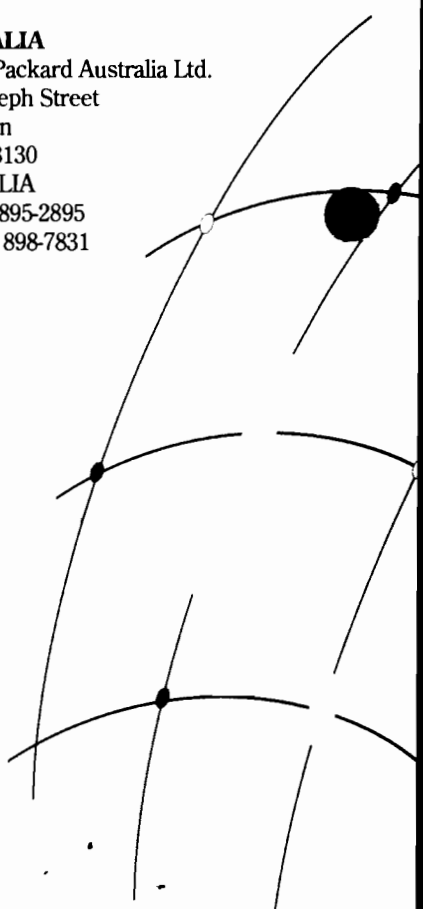
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