Distributed Software Management

NetWizard 3.1

Attachmate

Distributed Software Management

from

Attachmate

NetWizard

What is software management

- Electronic software distribution
- Remote configuration, support, and troubleshooting
- Hardware and software inventory
- Software monitoring

Attachmate

NetWizard

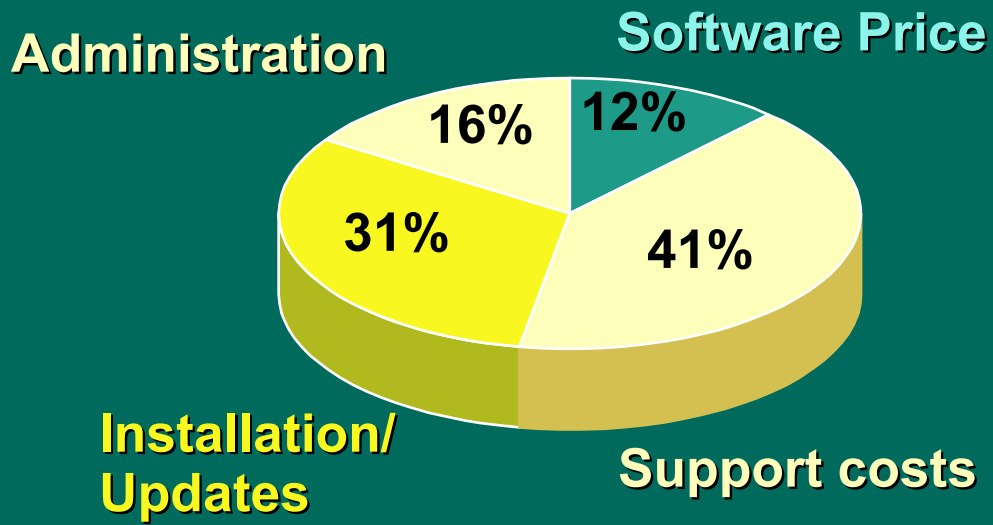
- What is software management
- Software management cost analysis

- $60 per application per year to manually install and update software
- $40 per desktop to manually inventory a network
- $320,000/year for a 1000 node network with 4 applications per node

NetWizard

What is software management

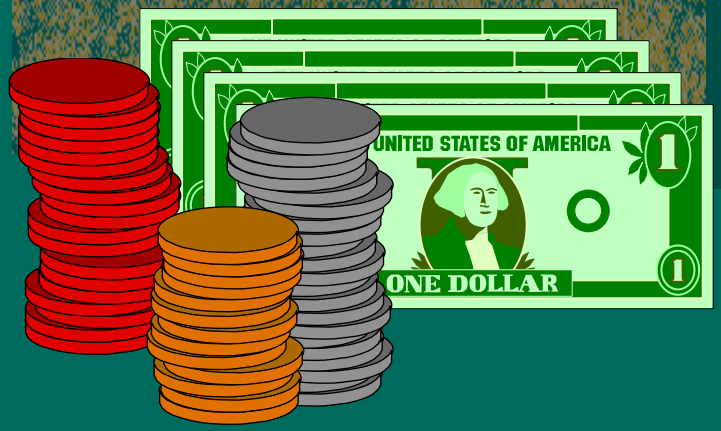
- Software management cost analysis

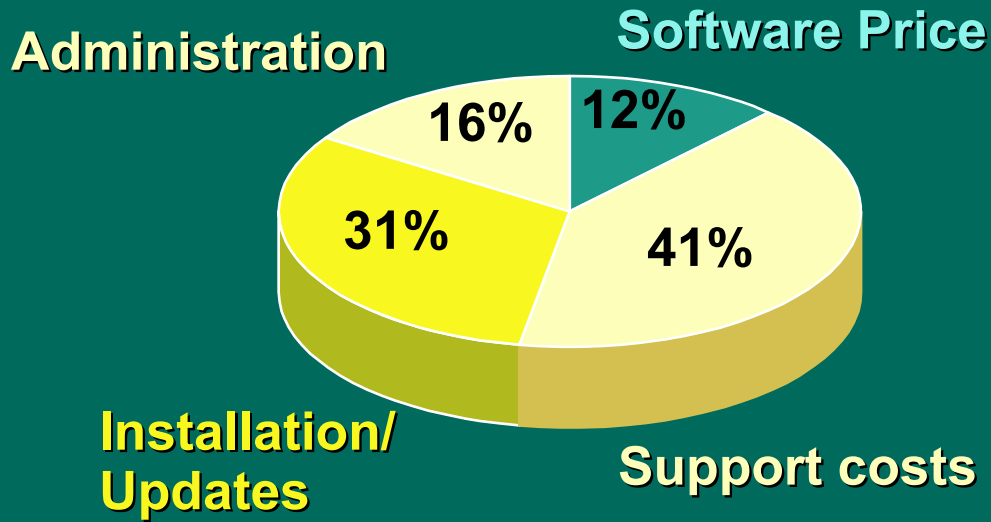


Source: Gartner Group

NetWizard

- What is software management
- Software management cost analysis
- NetWizard saves money





Source: Gartner Group

Introducing NetWizard

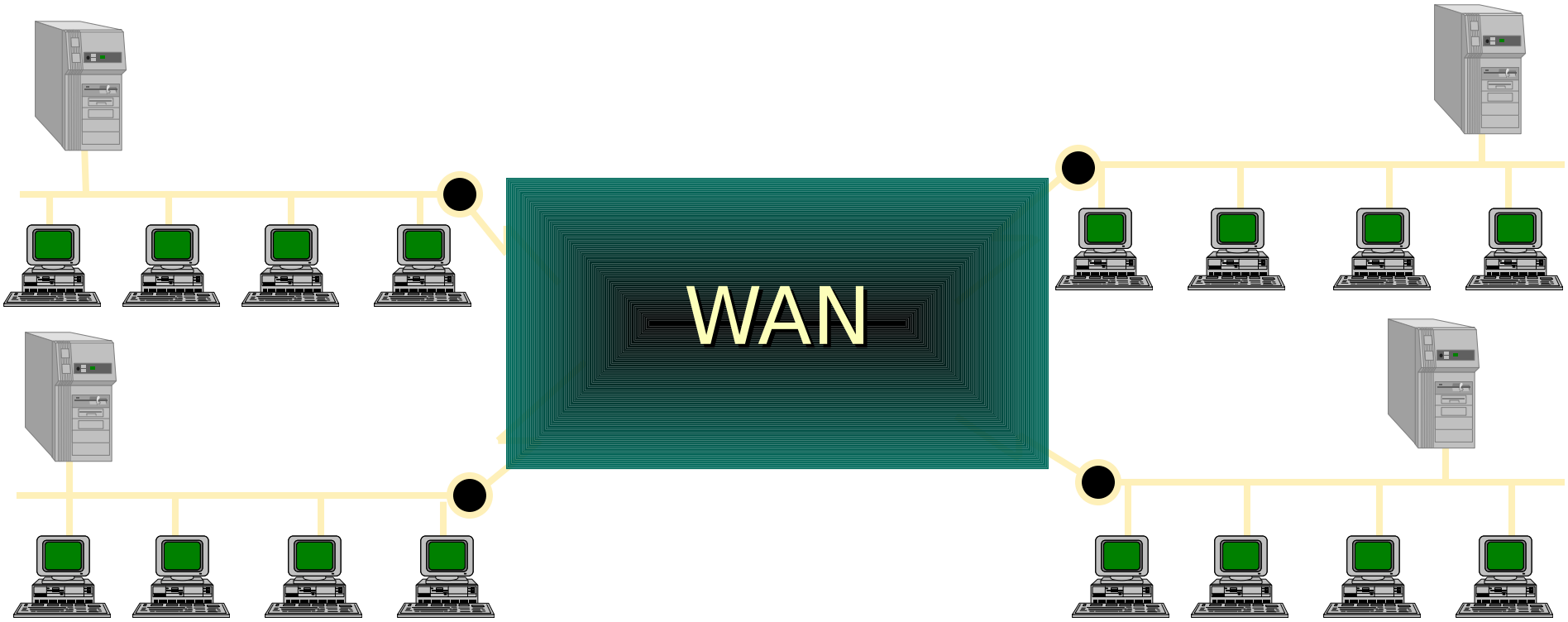
- *The* software management solution for LANs and WANs
- Scalable to any size network
- Works in your existing networked computing environment

  how?....

Peer to Peer Structure

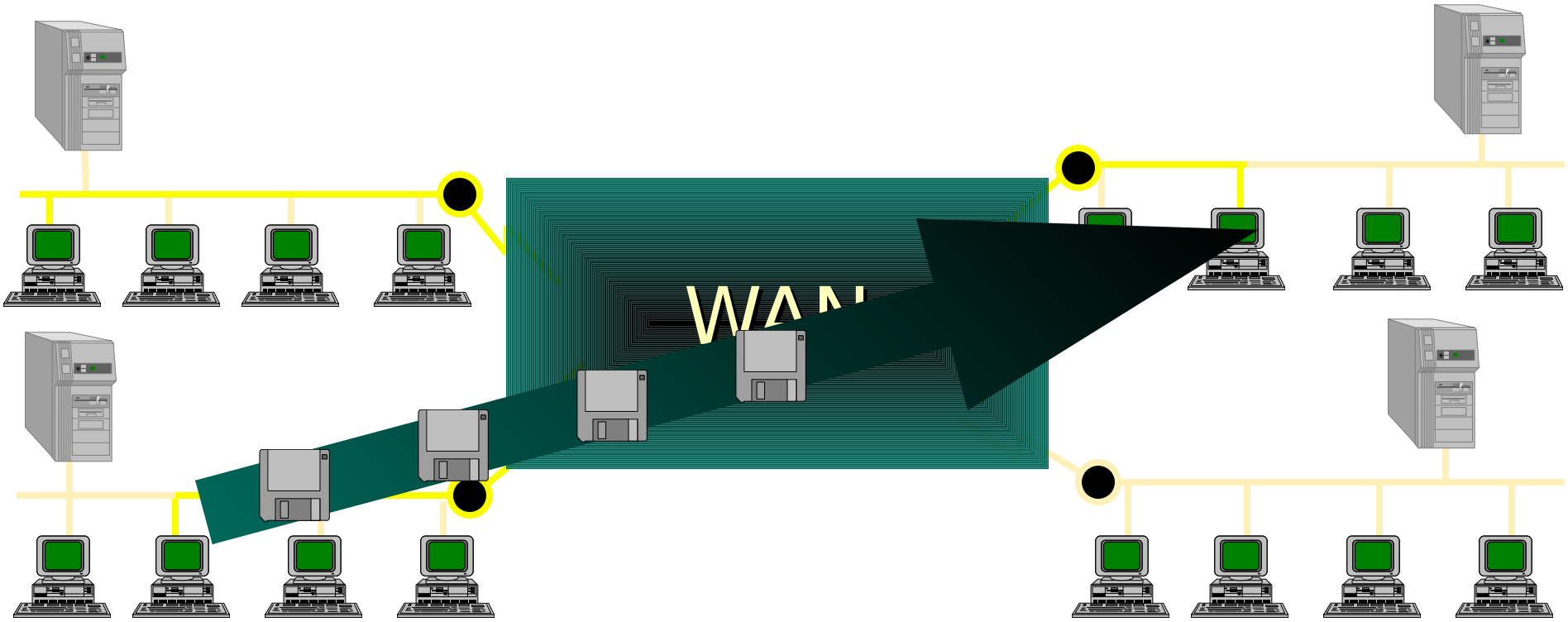
Put the NetWizard manager on any Windows PC in the network

Put Agents on any DOS, Windows 3.x,'95, NT, or Mac PC



Peer to Peer Structure

Flexibility: Move files from any node to any other node...



Peer to Peer Benefits

- Operates at the transport level
  - *No need for Server to be running or even present*
  - *Send a distribution to a remote PC without being able to see the remote Server it is attached to*
- Independent of file server domains and Network Operating System
- Supports most LAN transport protocols
  - *Runs on any network using IPX, IPC, NetBIOS, or TCP/IP transport protocols*
  - *Supports Multi-protocol support*

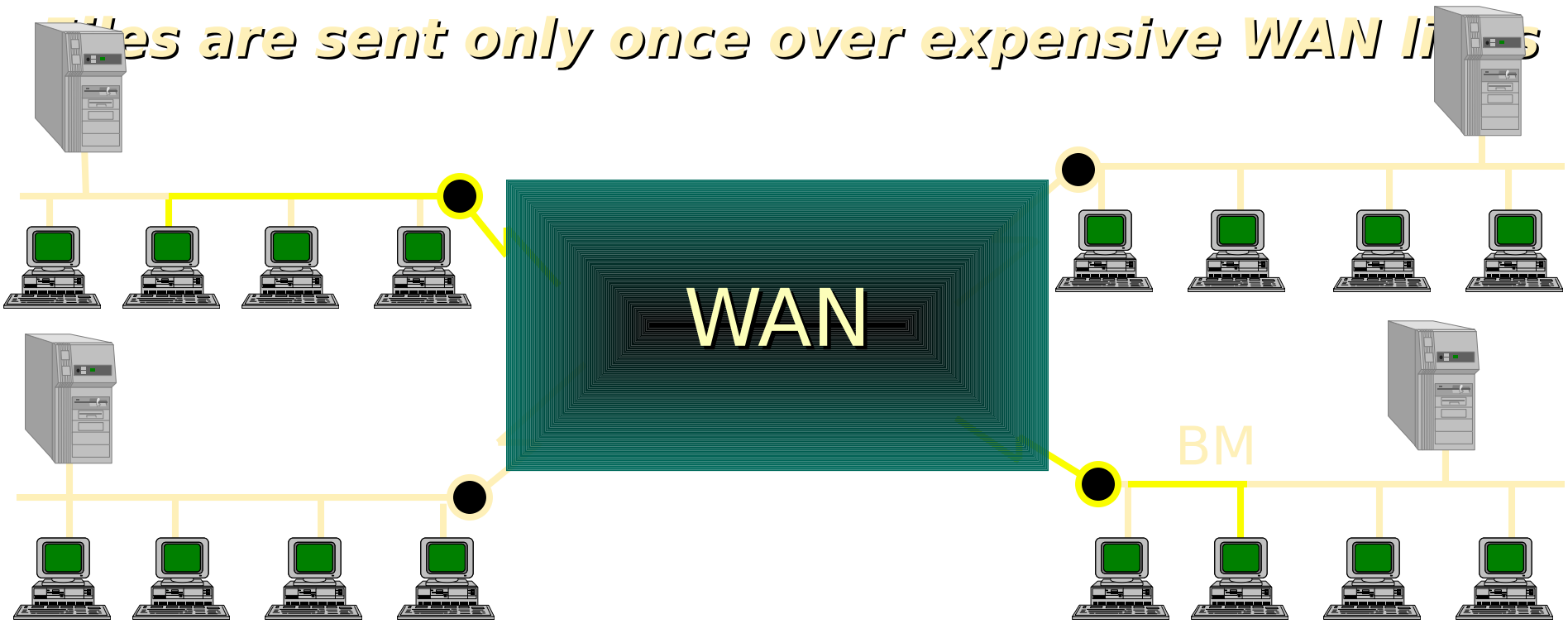
Branch Managers

Scalability: use on any size network

- You won't outgrow NetWizard

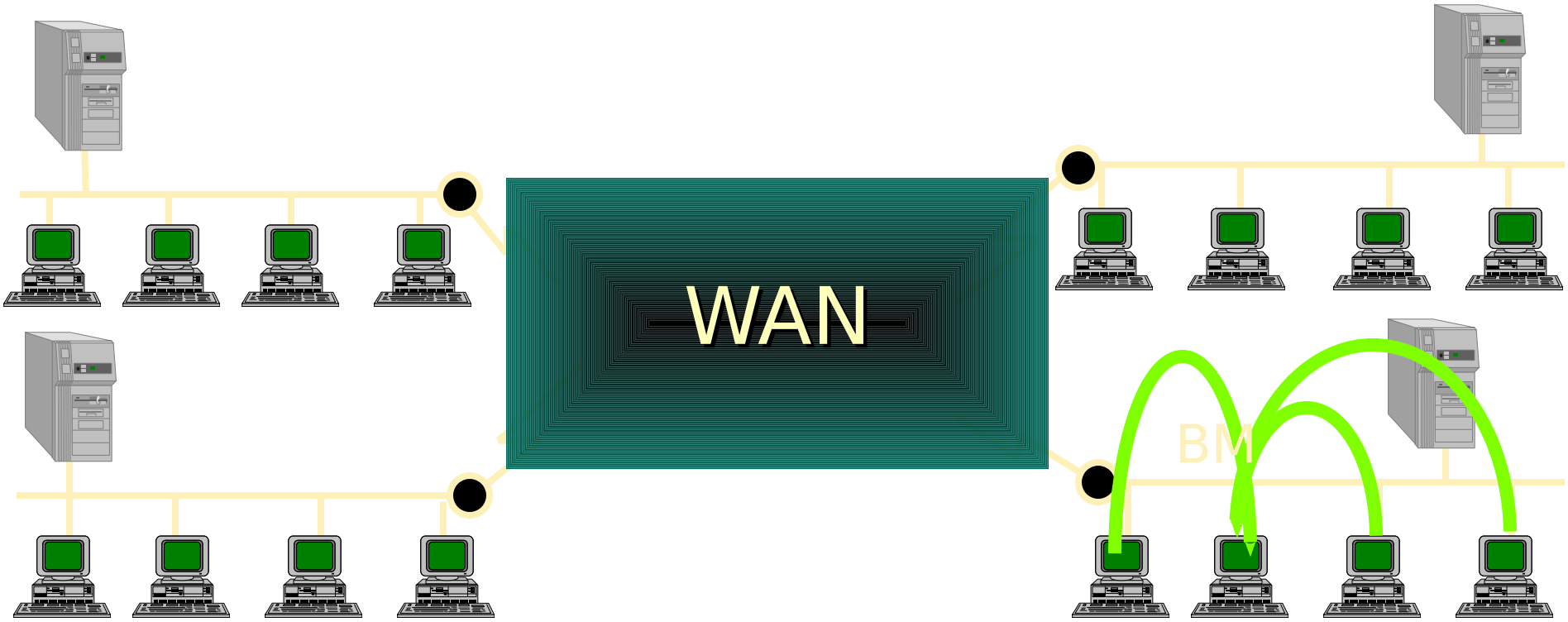
Efficiency: minimize repetitive WAN traffic

- *Files are sent only once over expensive WAN links*



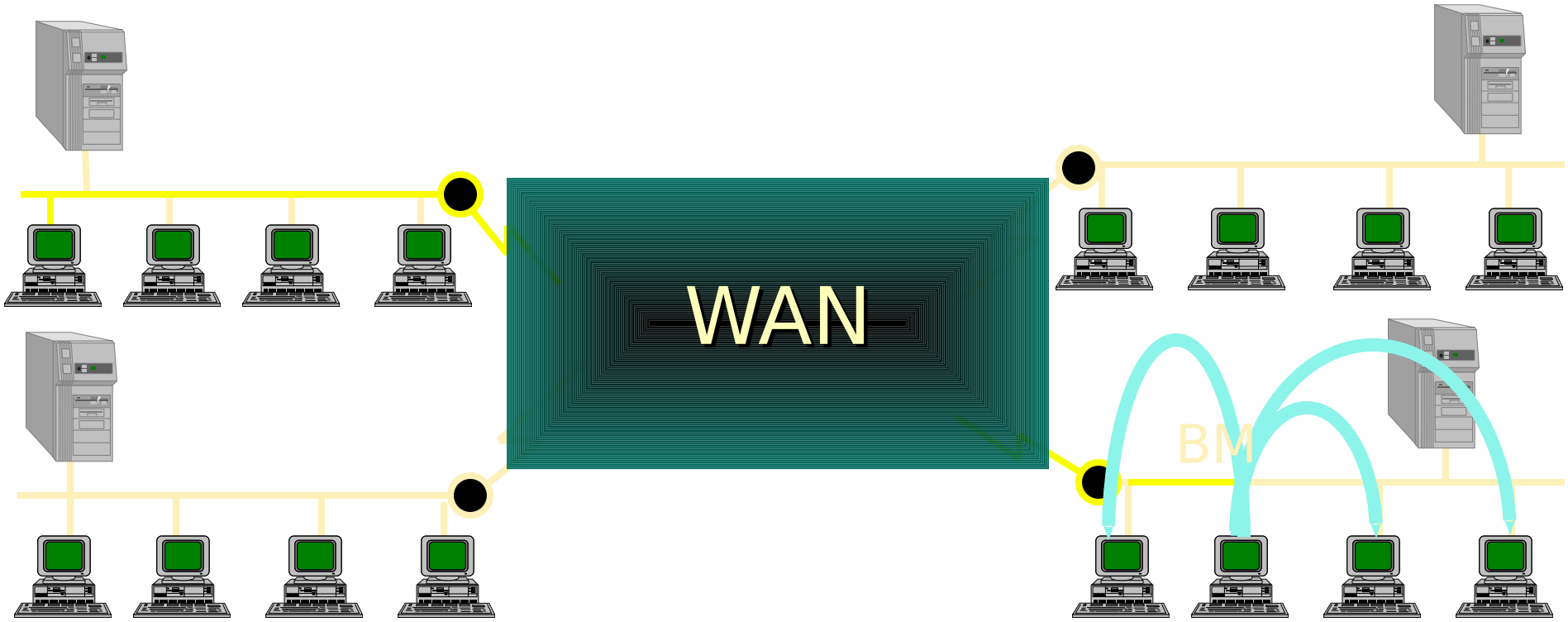
Branch Managers

BM receives distributions from main manager once and distributes them to the proper nodes in its branch...



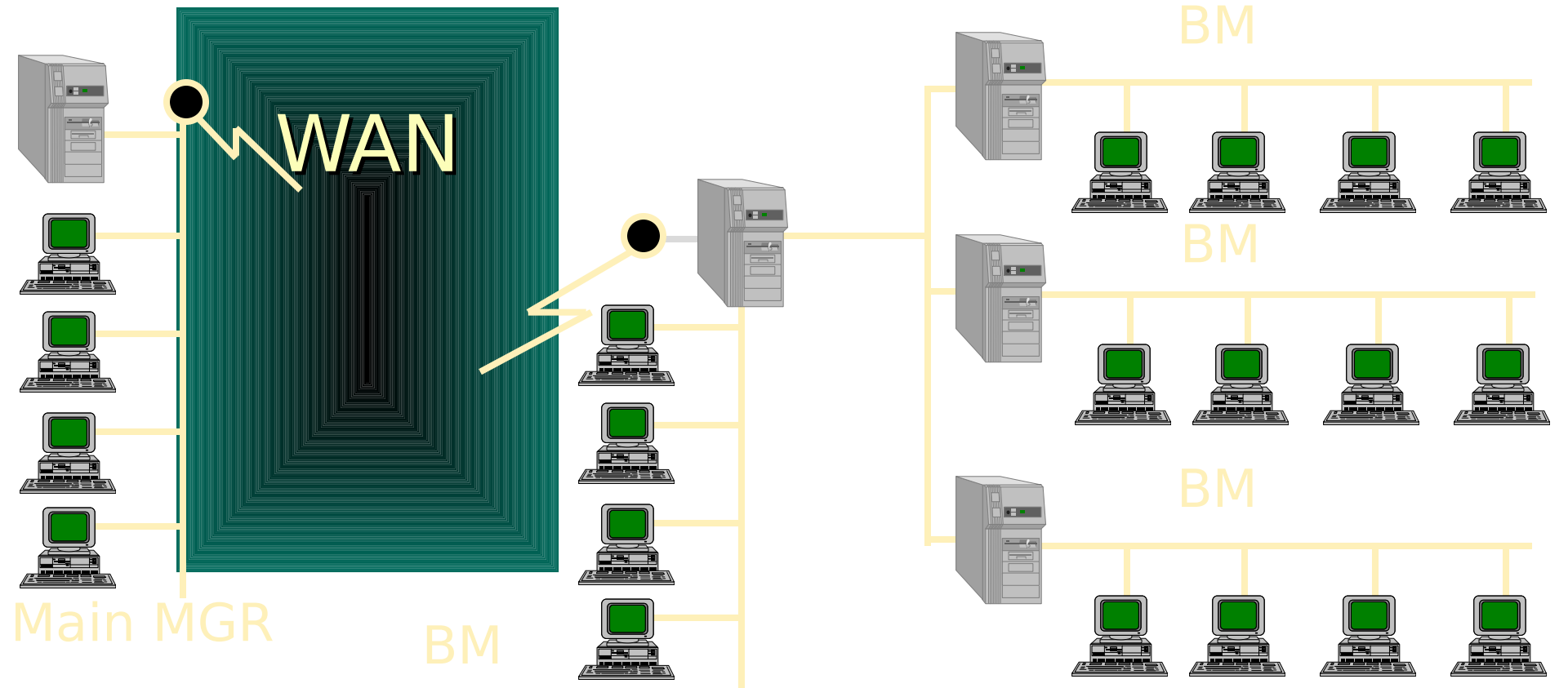
Branch Managers

BM collects inventory and metering information from remote Agents and sends it to the main NetWizard Manager once over expensive WAN links.



Branch Manager

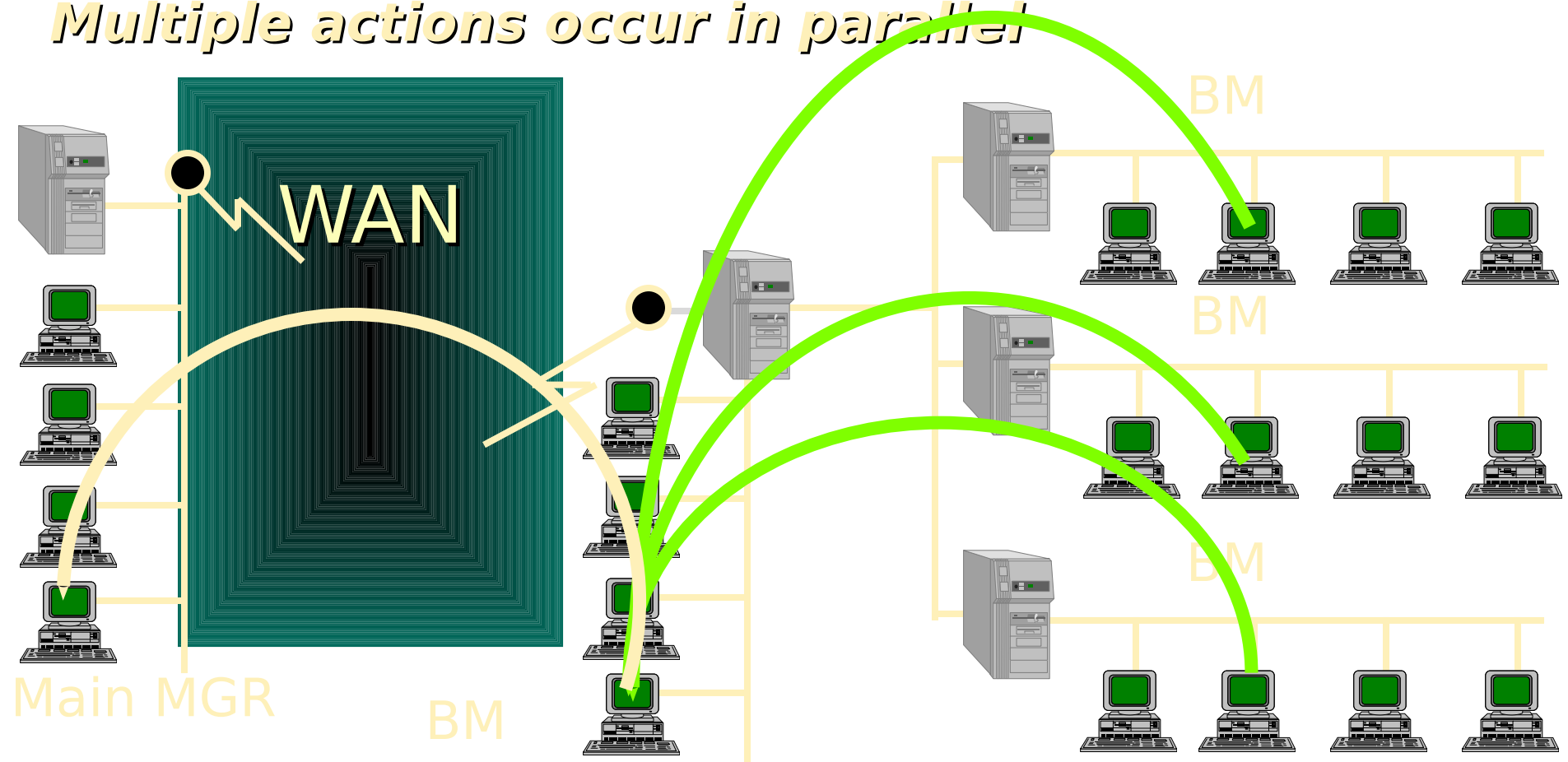
Cascaded BMs allow Distribution Fan Out



Branch Managers

Cascaded BMs allow Distribution Fan Out

Multiple actions occur in parallel

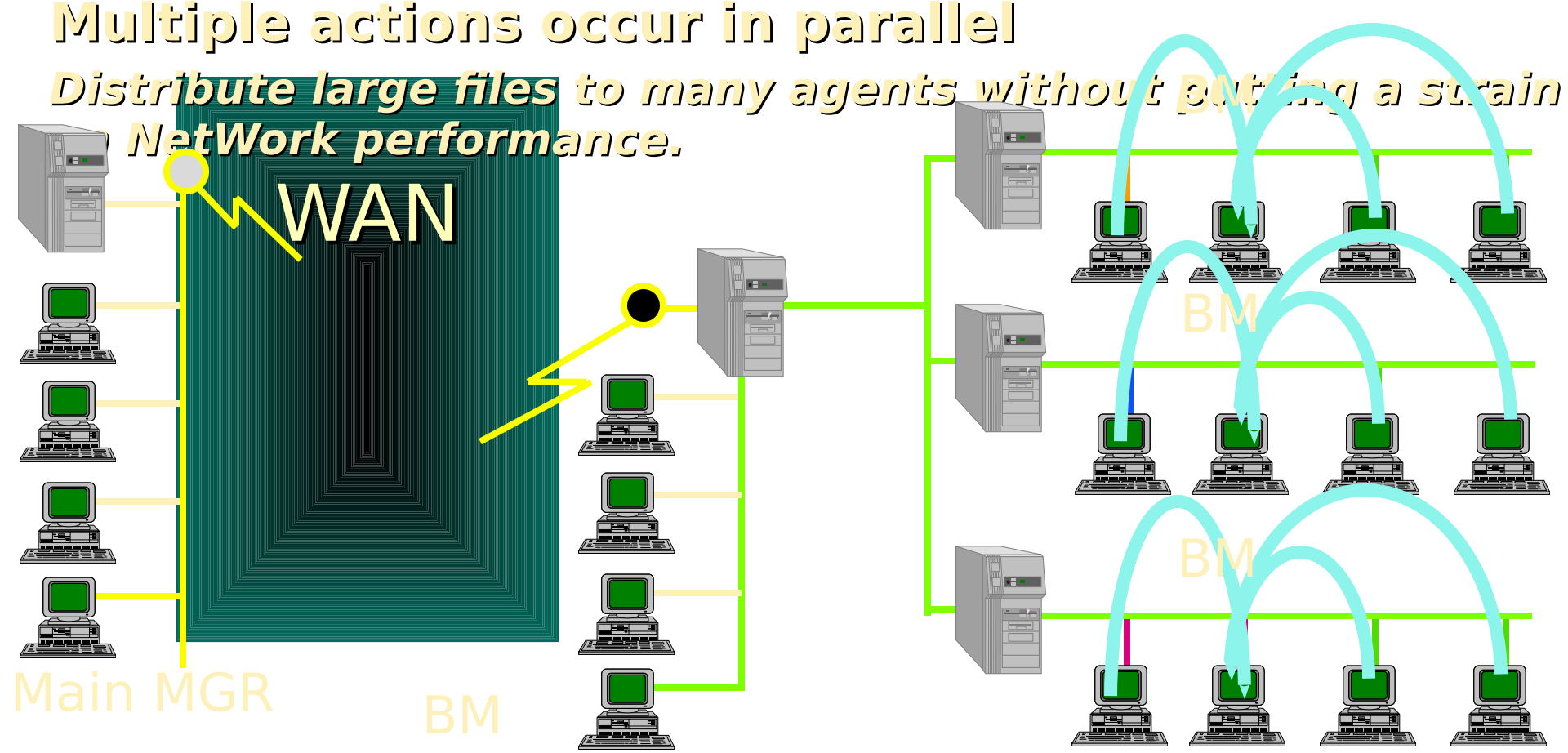


Branch Managers

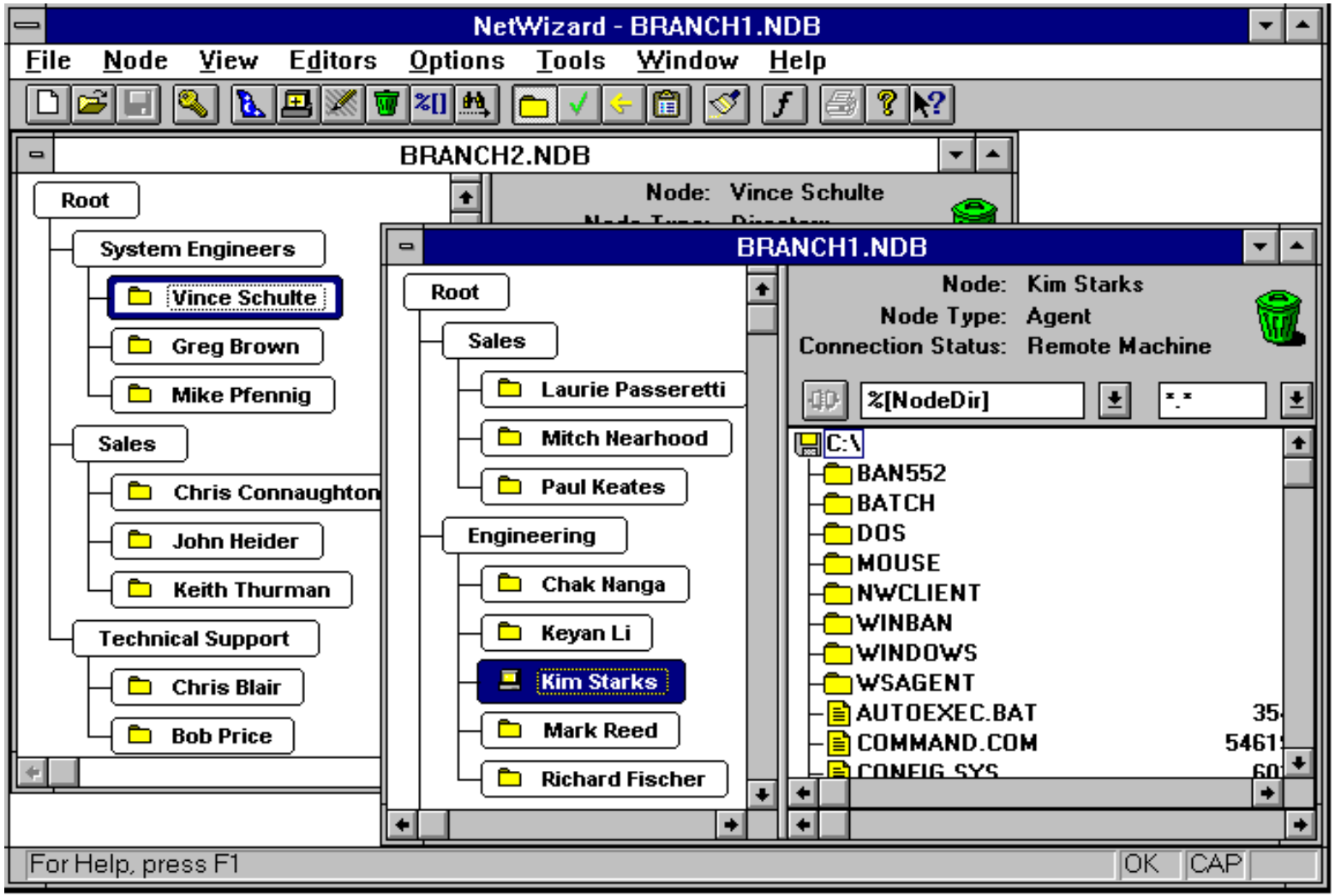
Cascaded BM's allow Distribution Fan Out

Multiple actions occur in parallel

Distribute large files to many agents without putting a strain on NetWork performance.



Branch Navigator



Safe Software Management

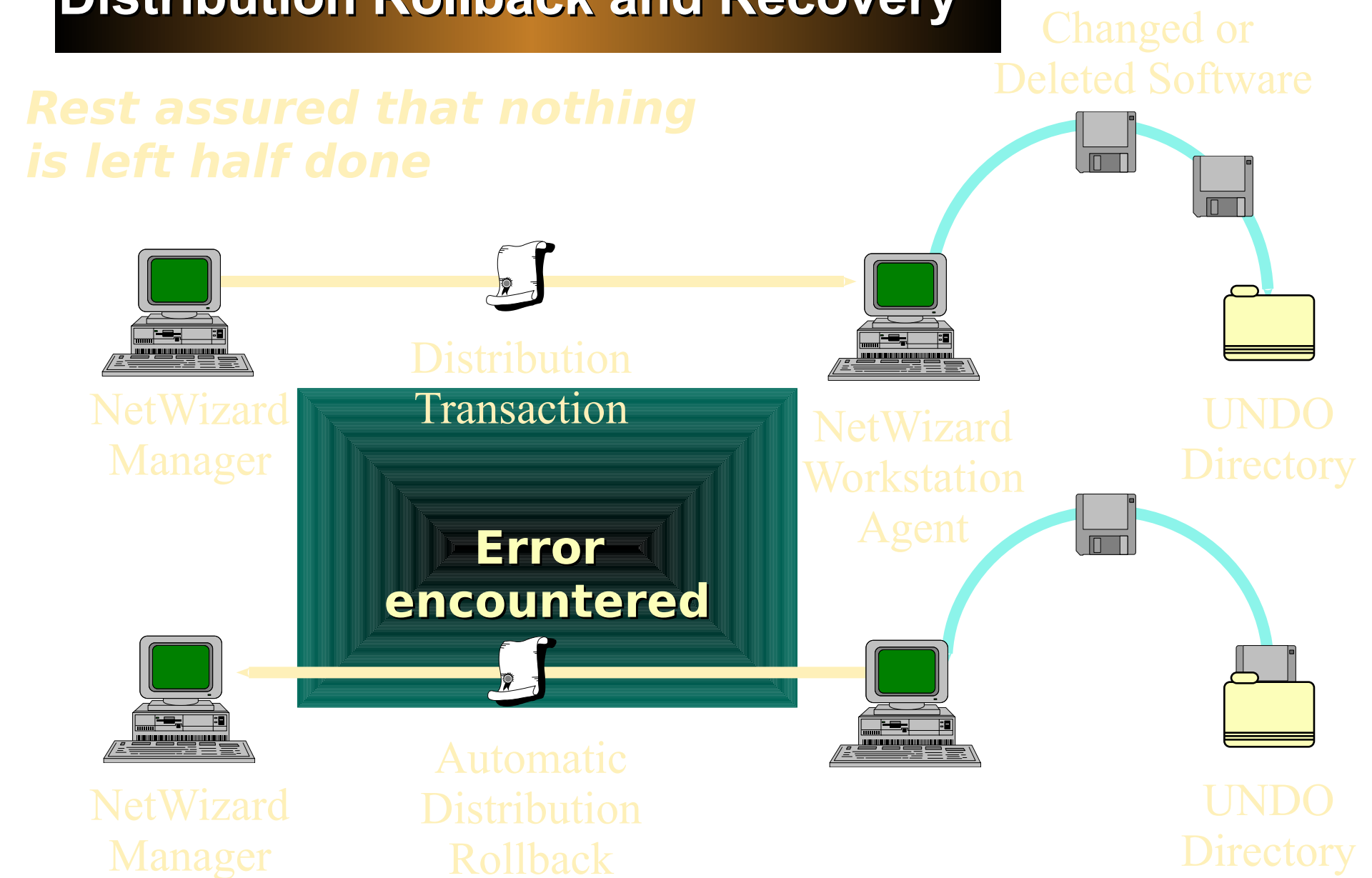
Distribution Automatic Rollback and Recovery

When an error condition is encountered, distribution is automatically undone, returning the Agent PC to its previous condition. Target PC is left unaffected.

Distribution UNDO Capability

At Administrator's discretion, distributions can be rolled- back off of the Agent's PC.

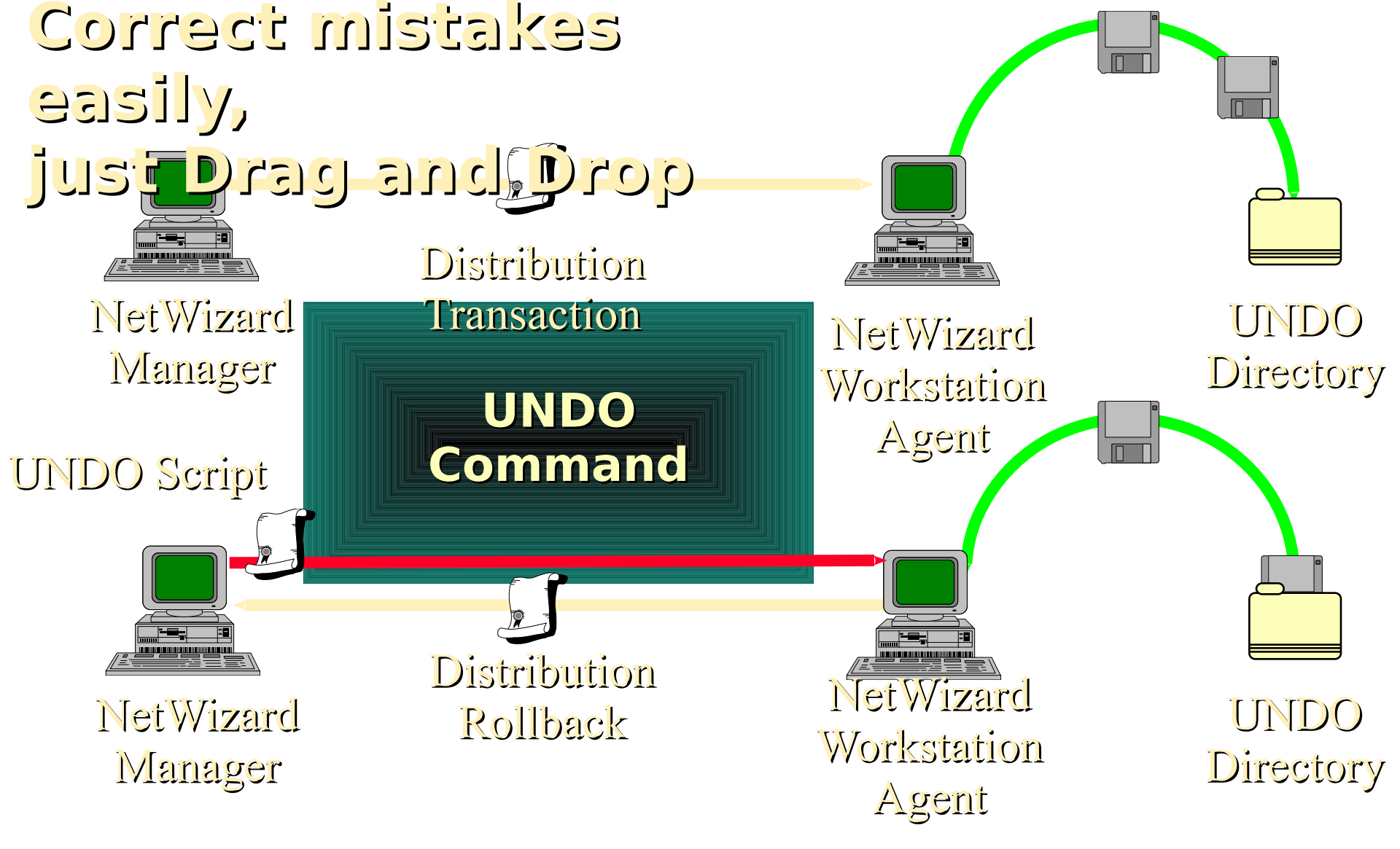
Distribution Rollback and Recovery



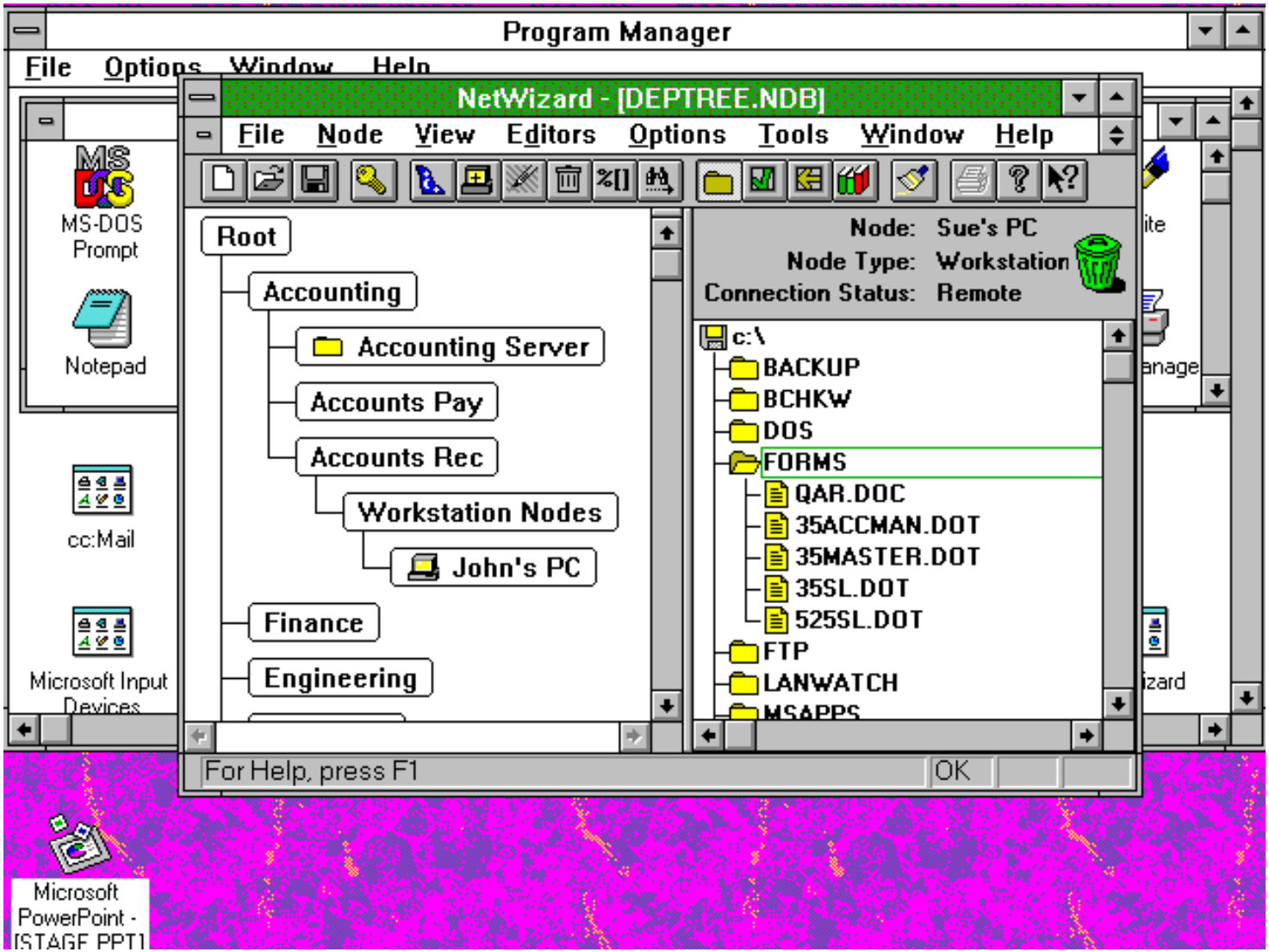
Distribution Undo

Changed or Deleted Software

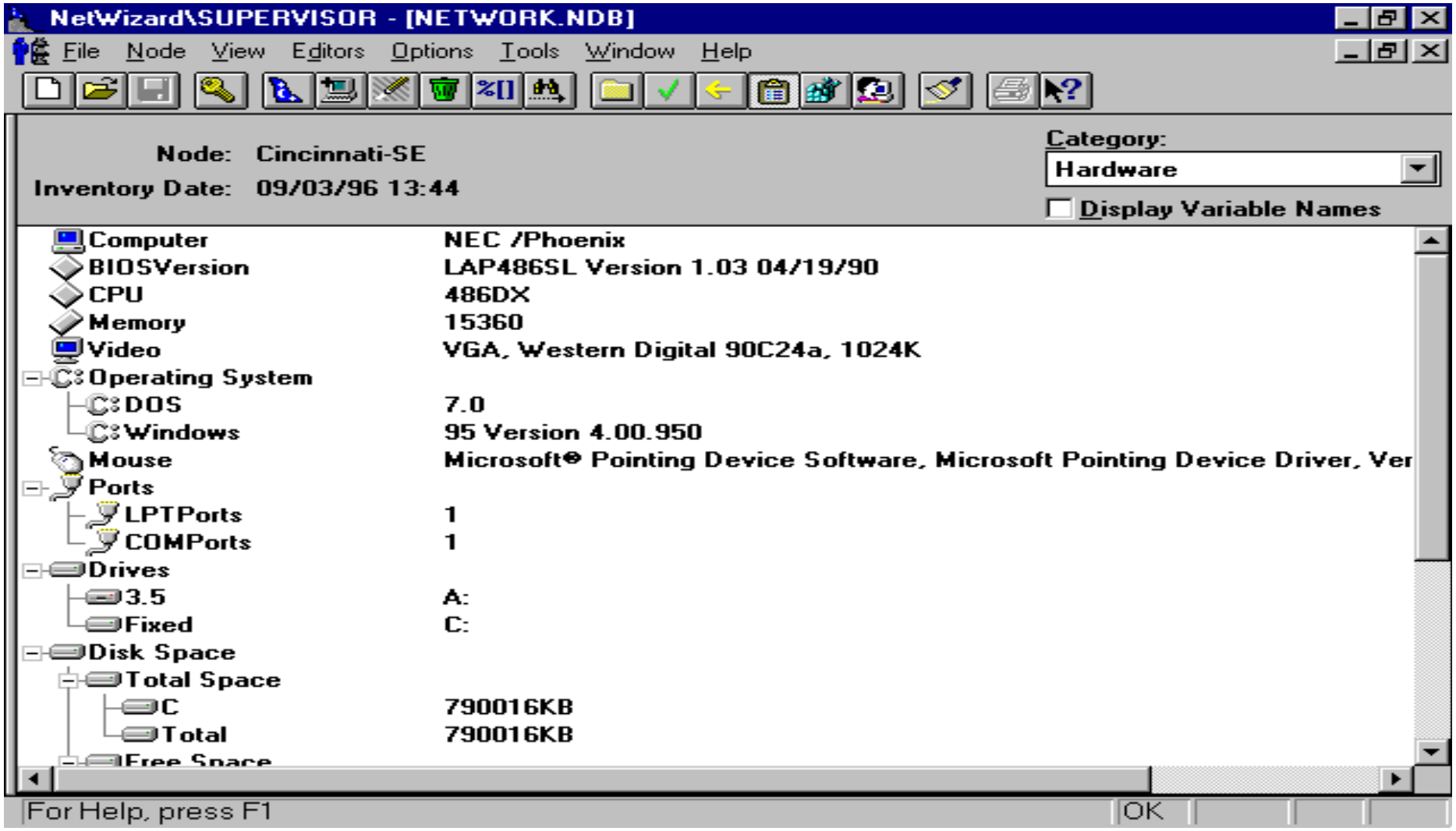
Correct mistakes easily, just Drag and Drop



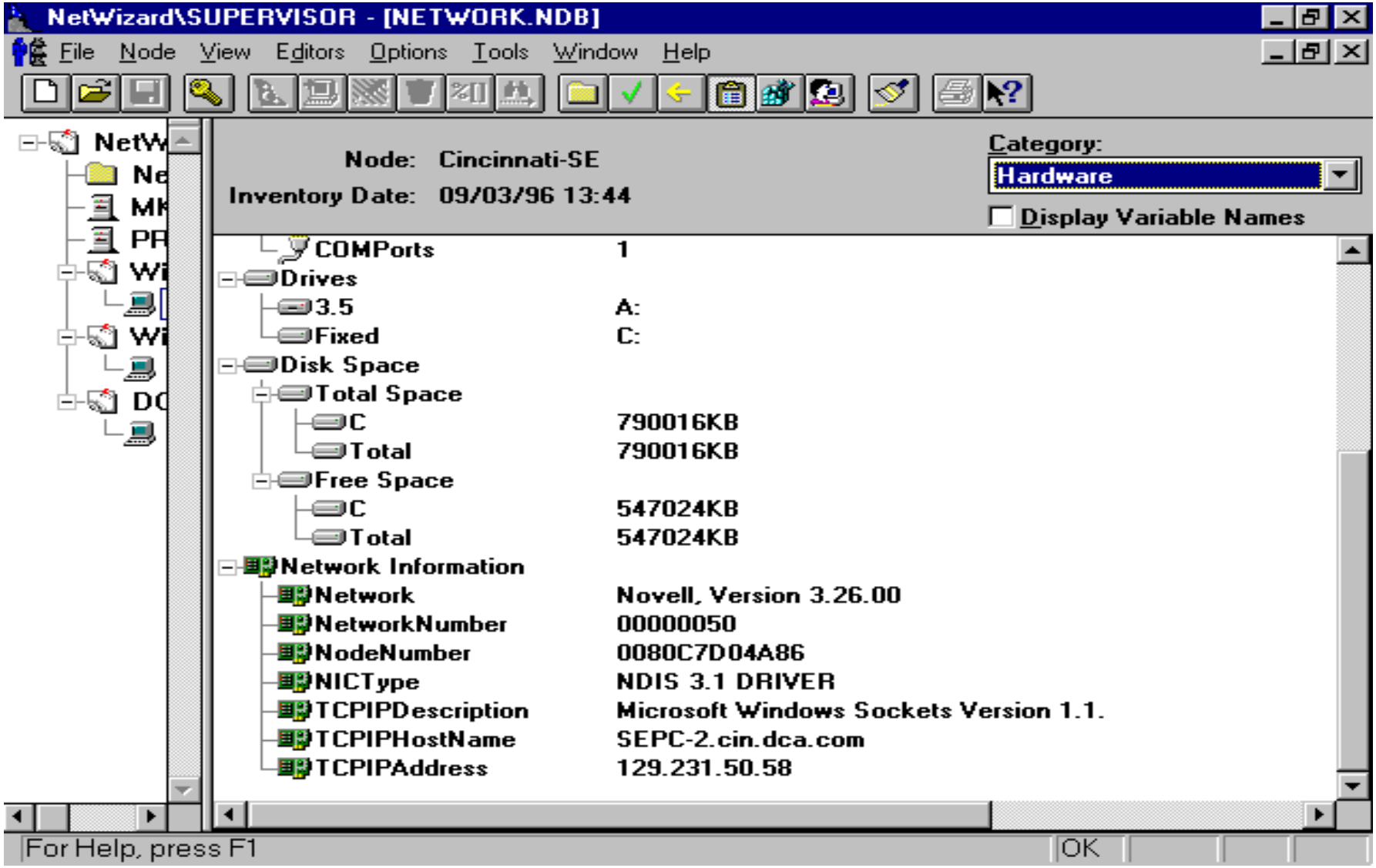
NetWizard's User Interface



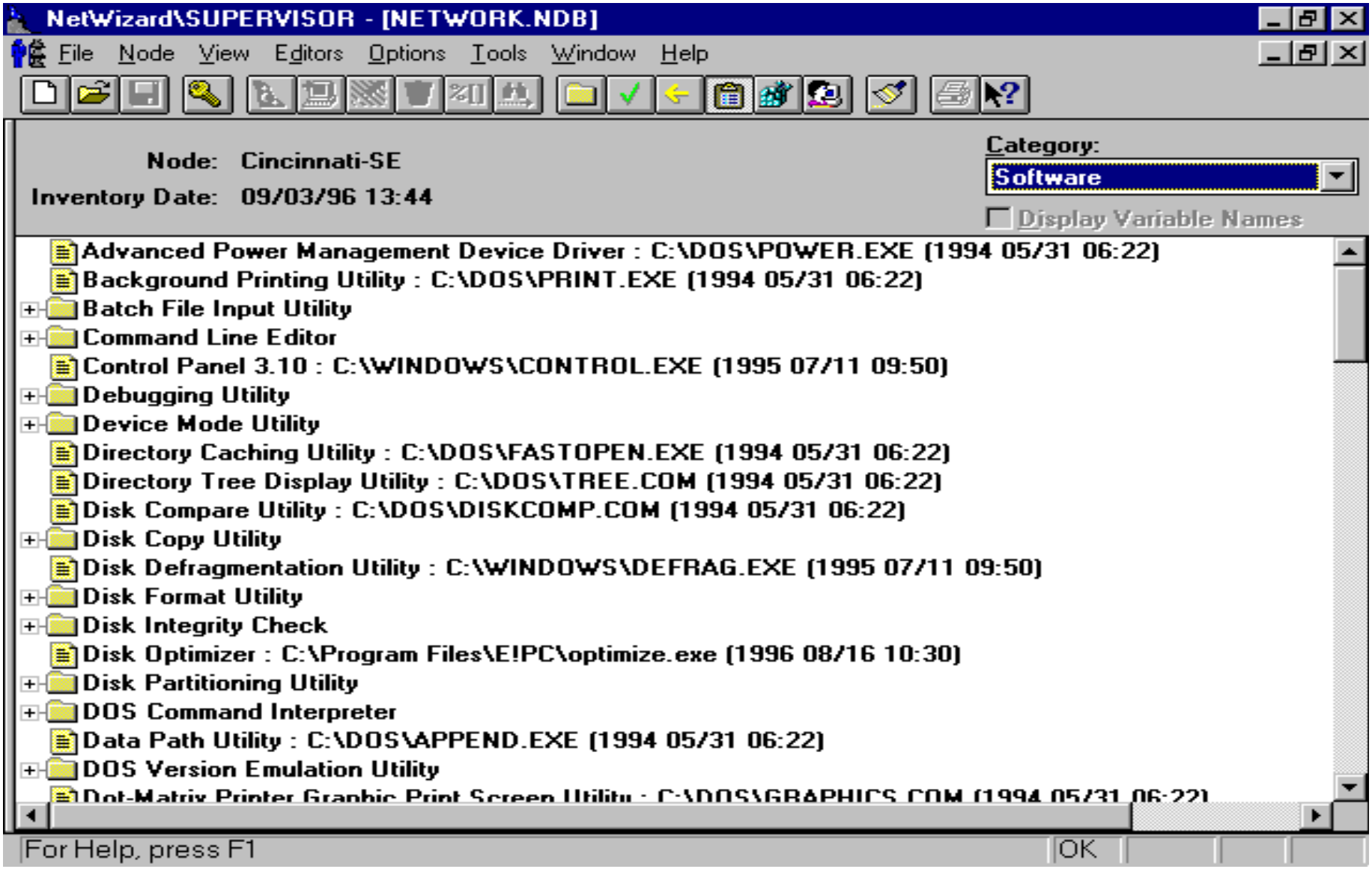
Hardware Inventory view



Hardware Inventory view



Software Inventory view



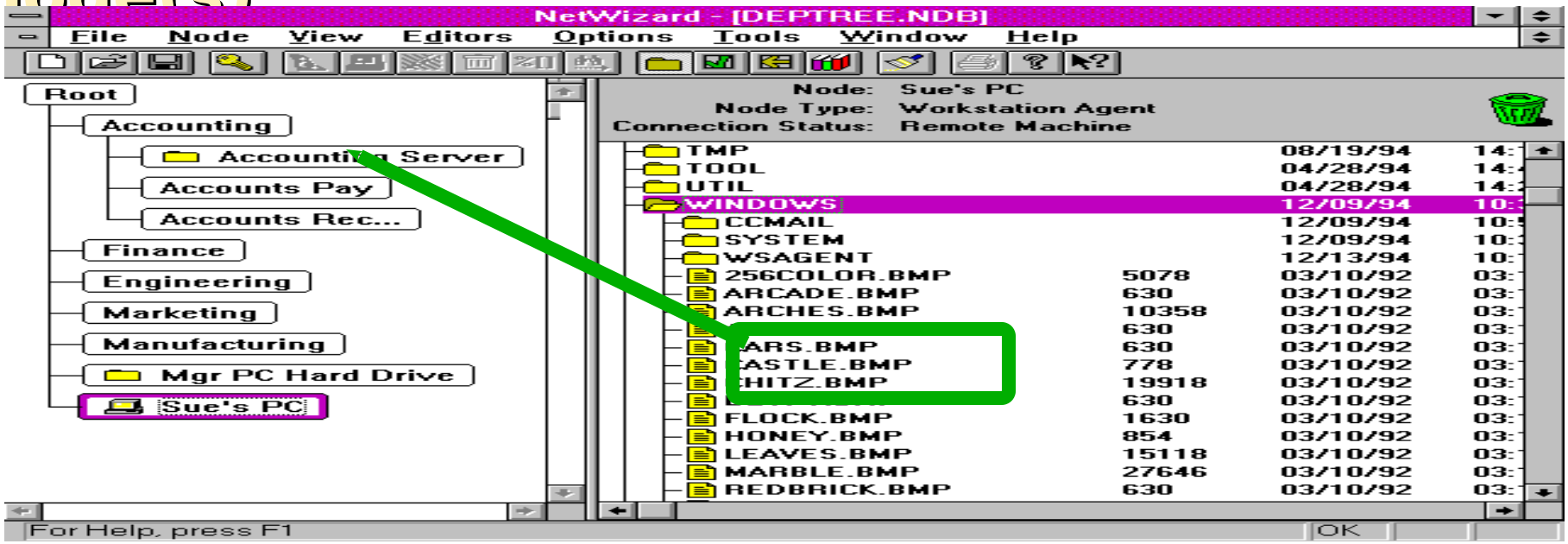
Real-Time File Management

Double-Click to open a directory or file on a remote node and view or edit its contents

- Navigate interactively through agent directory trees
- Just like using File Manager on your workstation
- All in real time, without disturbing your users

Drag & Drop Distributions

To Copy or Delete files and directories, simply drag the desired icon to another node(s)

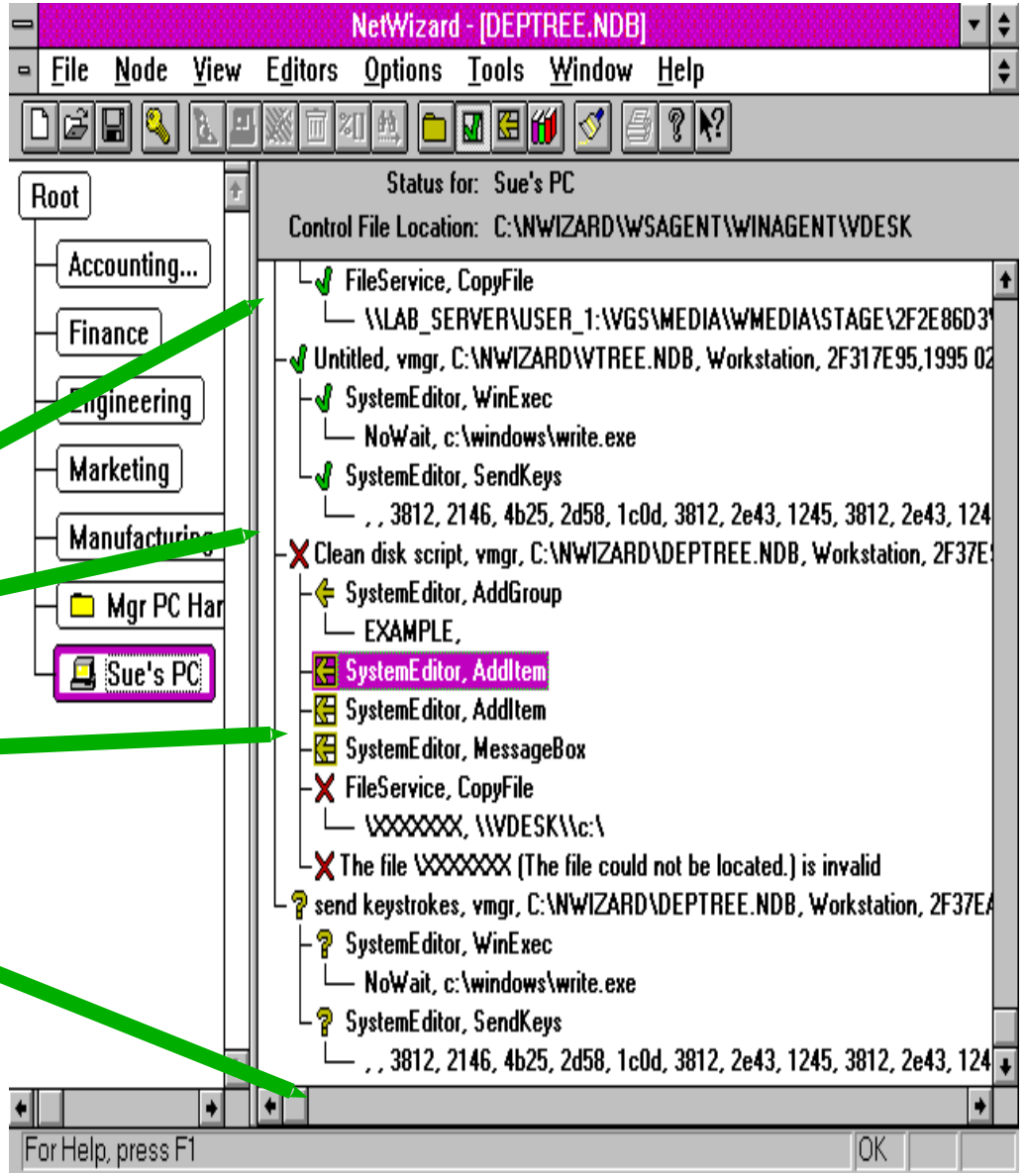


- Quickly and effortlessly copy files from node to node(s) or delete files at a node(s) interactively.
- Directory structure is automatically recreated at the target node, if not already present.

Node Status Screen

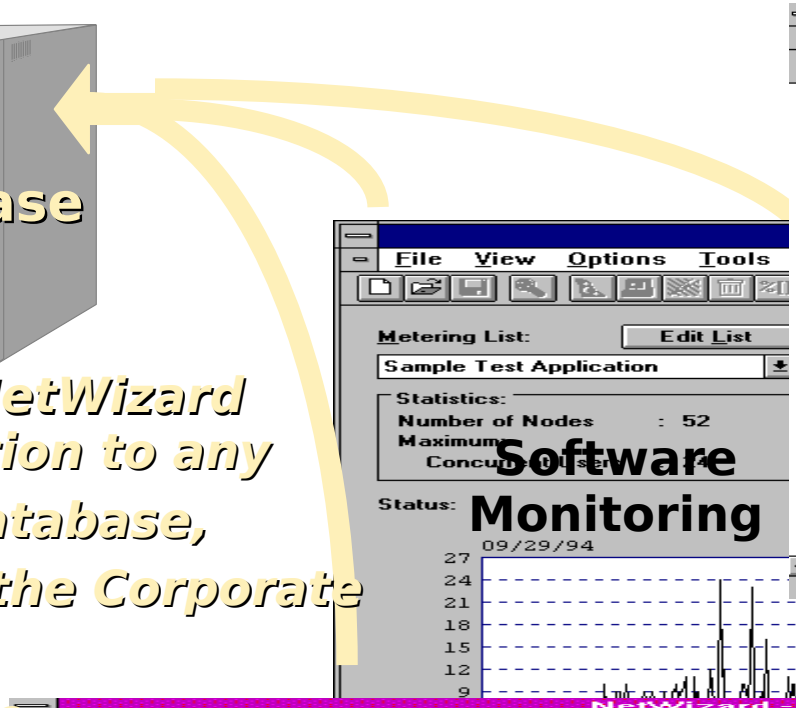
Extensive Log File of Node selected in the Logical Tree, showing all distributions sent to the Node and the status of each

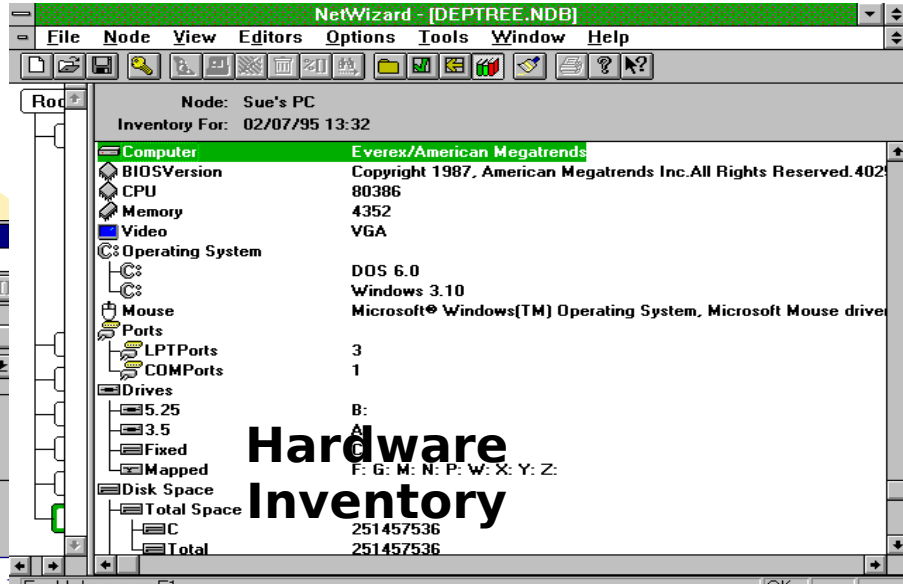
- Successful
- Failed
- Undone
- Pending

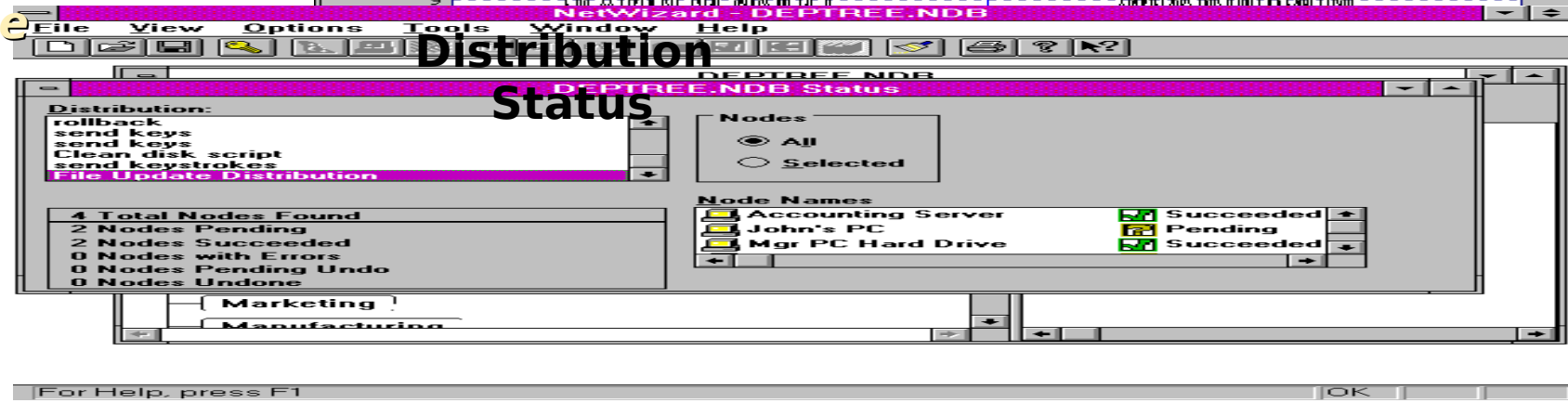


ODBC Database Integration

Export NetWizard information to any ODBC Database, such as the Corporate SQL Database (Oracle, dBase, Sybase)



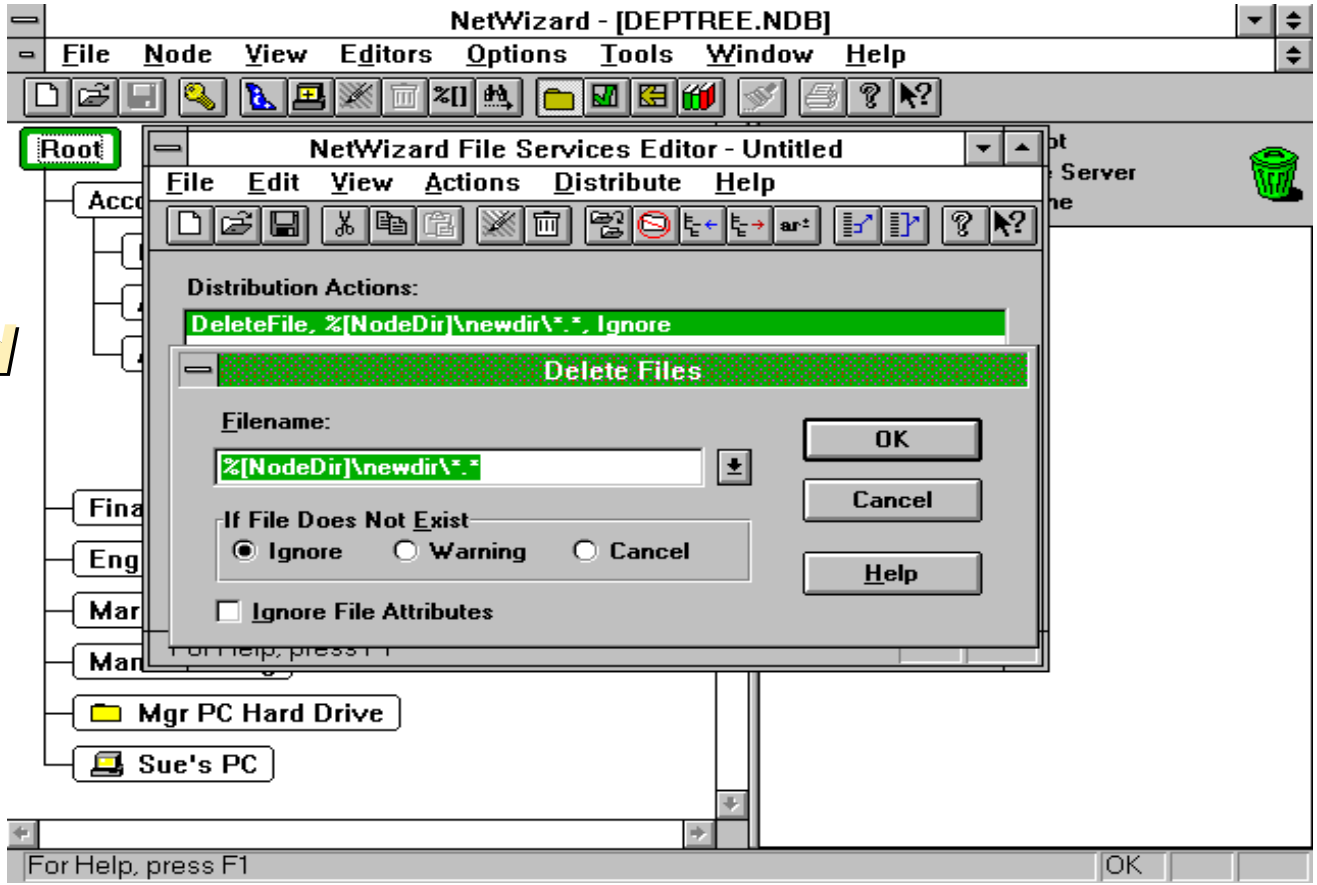




Visual Script Editors

Powerful Visual Script Editors with built in Distribution Actions, make creating complicated scripts a breeze

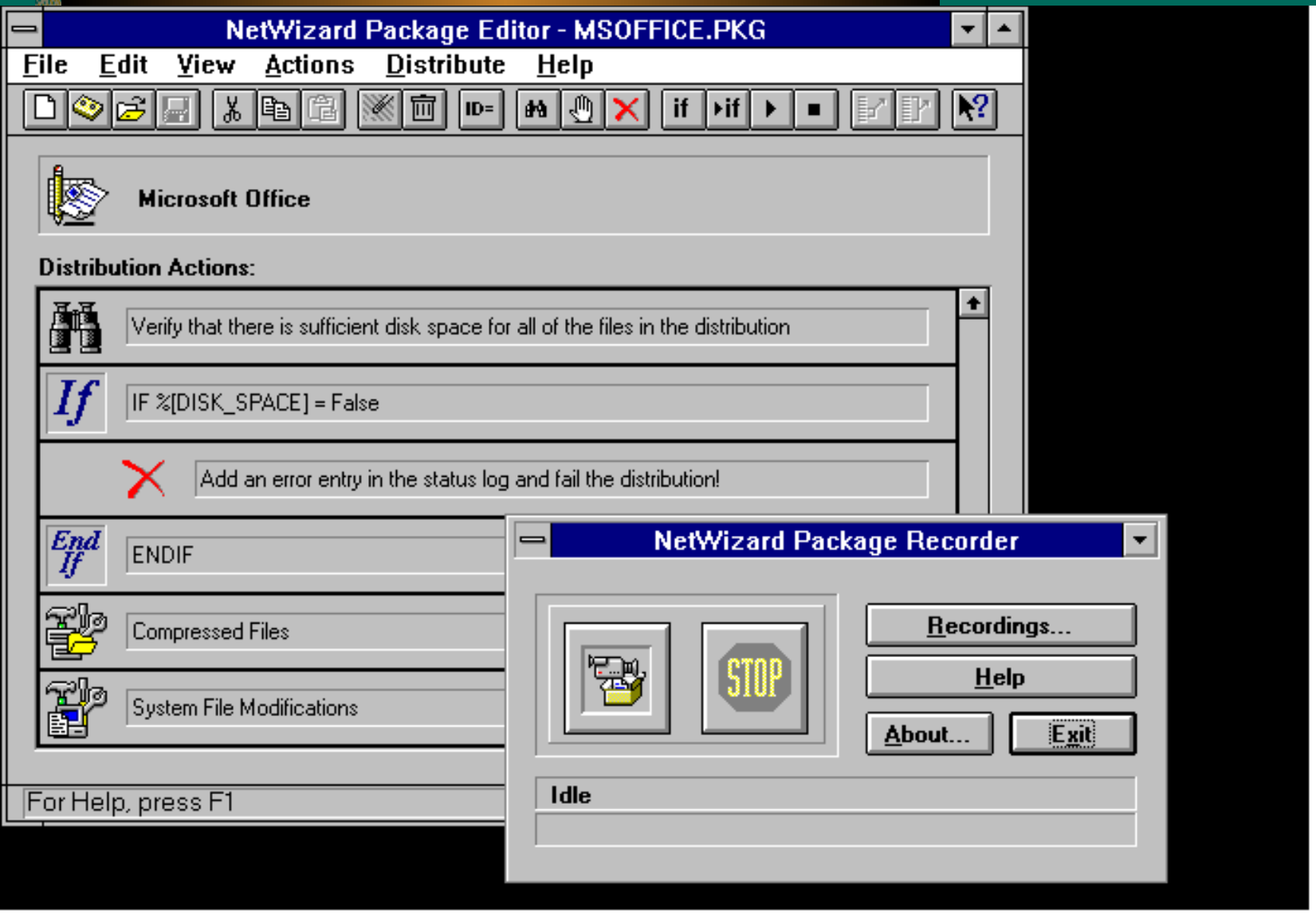
- *No script language to learn*
- *No complicated syntax*
- *Just fill in the blanks*



NetWizard Package Recorder

Package Recorder greatly reduces script development time

- Record installation of shrink-wrapped or custom application using Package Recorder
- Use Package Editor to automatically generate a NetWizard distribution script from recording
- Add conditional logic & special commands using NetWizard Visual Script Editors


NetWizard Package Editor - MSOFFICE.PKG
File Edit View Actions Distribute Help
Microsoft Office
Distribution Actions:
Verify that there is sufficient disk space for all of the files in the distribution
IF %[DISK_SPACE] = False
Add an error entry in the status log and fail the distribution!
ENDIF
Compressed Files
System File Modifications
For Help, press F1
NetWizard Package Recorder
STOP
Recordings...
Help
About...
Exit
Idle

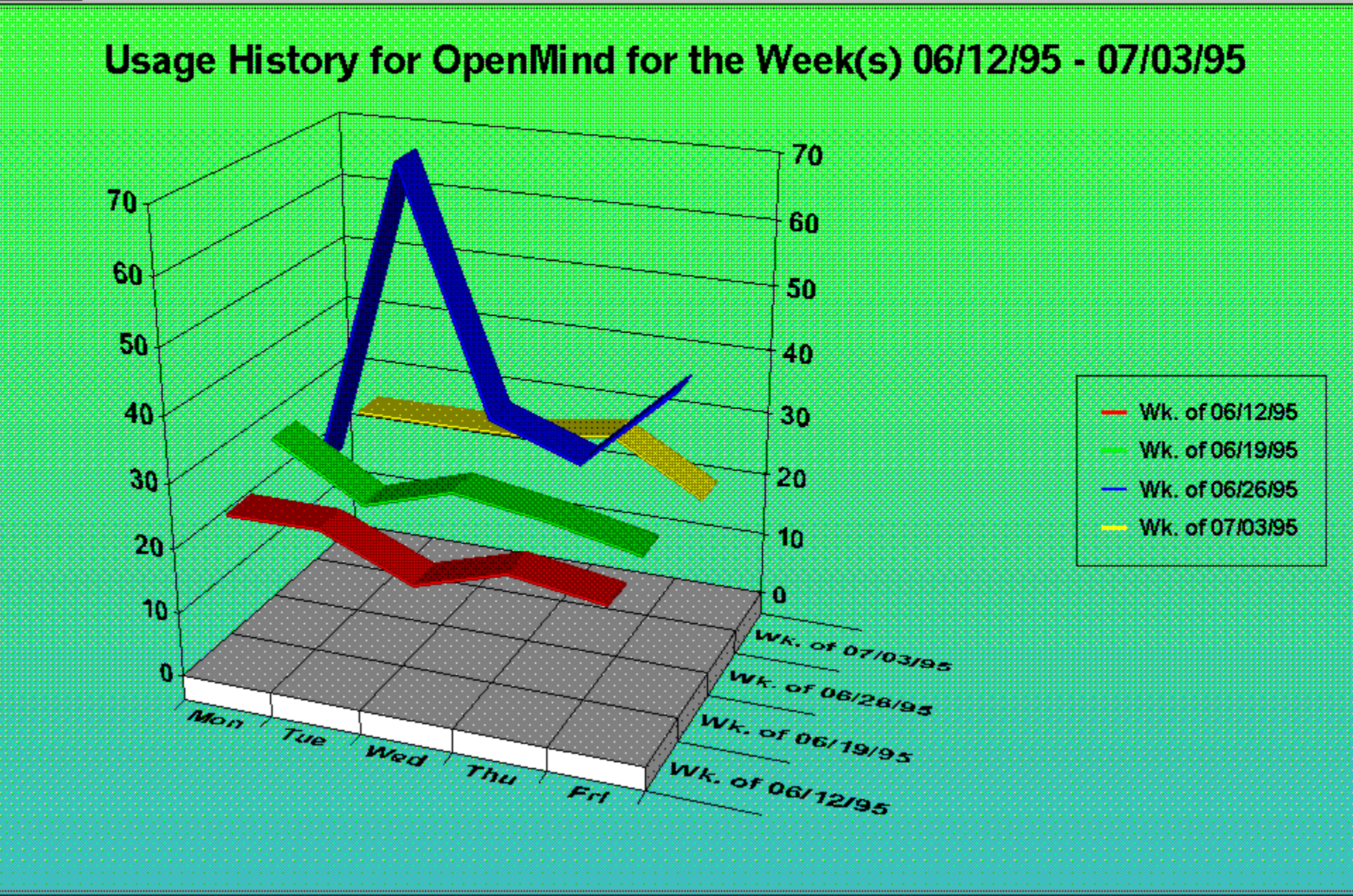
License Enforcement

Eliminates risk of license violations

- *License enforcement for several licensing policies:*
  - Concurrent use, Site license, Per user or per workstation, or Suite licenses
- *Varying enforcement levels:*
  - Silent , Warning , or Strict
- *License queuing*
- *Prioritized license distribution*
- *Usage time limits*

w Table | Week | 06/12/95 – 07/03/95

Line | ☒ Show Legend | ☒ Show License Qty. | ☒ Layered Chart | ☐ Data Point Labels



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NetWizard 3.1

<Sept 96>

- Capabile of installing **all** 32-bit applications or application updates.
- Supports: **Windows 95 & NT**
  - Windows long-file names
  - Windows registration database
- Ideal for **installing** Windows 95

Migrating to Windows 95 using NetWizard

Step 1 - Get control of your desktops

Step 2 - Plan your hardware & software changes

Step 3 - Deploy Windows 95 automatically and at your own pace

Step 4 - Distribute new applications when you decide they're necessary

New NetWizard 3.1 *Modules*

“Plus Pack 1.0” <Aug 96>

- Asynch Dial in/out capability
- Remote Control (Reachout 5.0)
- Win’95 & NT Policy Manager

“Plus Pack 2.0” <Jan 97>

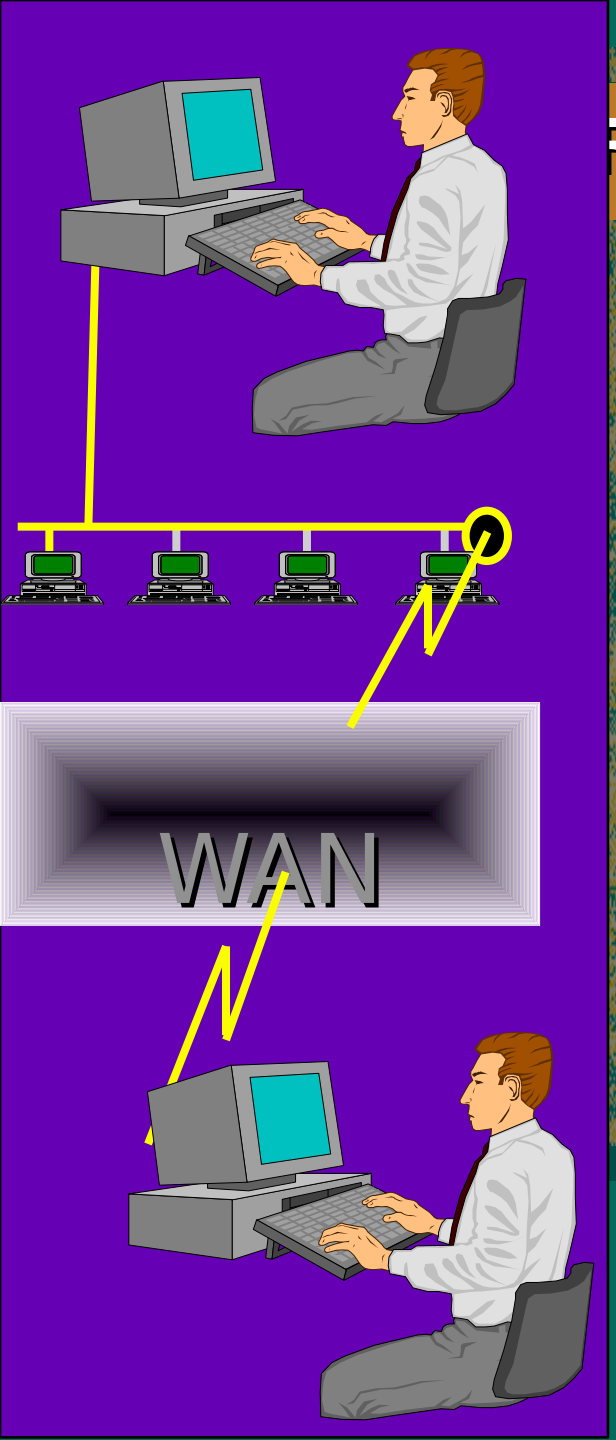
- SNMP Integration (HP Openview demand)
- NetWare NDS Integration
- Distribution “Pull”

NetWizard - Plus Pack

1. Remote Control - NetWizard administrators can dynamically “take-over” remote machines with redirected video, keyboard, and mouse i/o. Supports all NetWizard platforms except Windows NT.

2. Modem connectivity between NetWizard components - NetWizard manager can communicate with remote nodes and remote nodes can communicate with the NetWizard manager using Asynch dial-out via RAS or any compatible interface. (RAS clients to RLN Servers for example).

3. Windows 95/NT Policy Management - NetWizard administrator can centrally define Windows 95 and Windows NT “policies” and distribute them (implement them) electronically using the new Policy Editor.



Remote Control

Easily troubleshoot remote problems and verify operations

Seamlessly integrated with NetWizard Manager and Agent to yield point-n-click control

Automatically installed at Manager and on agent workstations

Components are transparently initiated and terminated on “viewer” (Manager) and “host” (Agent) ends

“Chat” with end users

Windows, DOS, Windows95 and IPX, TCP/IP, NetBIOS, IPC

Licenced version of Reachout from Stac Electronics

Policy Editor

Centrally define and distribute Windows 95 Policies

Apply policies to individual nodes or Groups of nodes

Independent of file server access

Many practical applications:

Define or restrict printer access

Ensure consistent system settings among groups

Set or limit access to network services

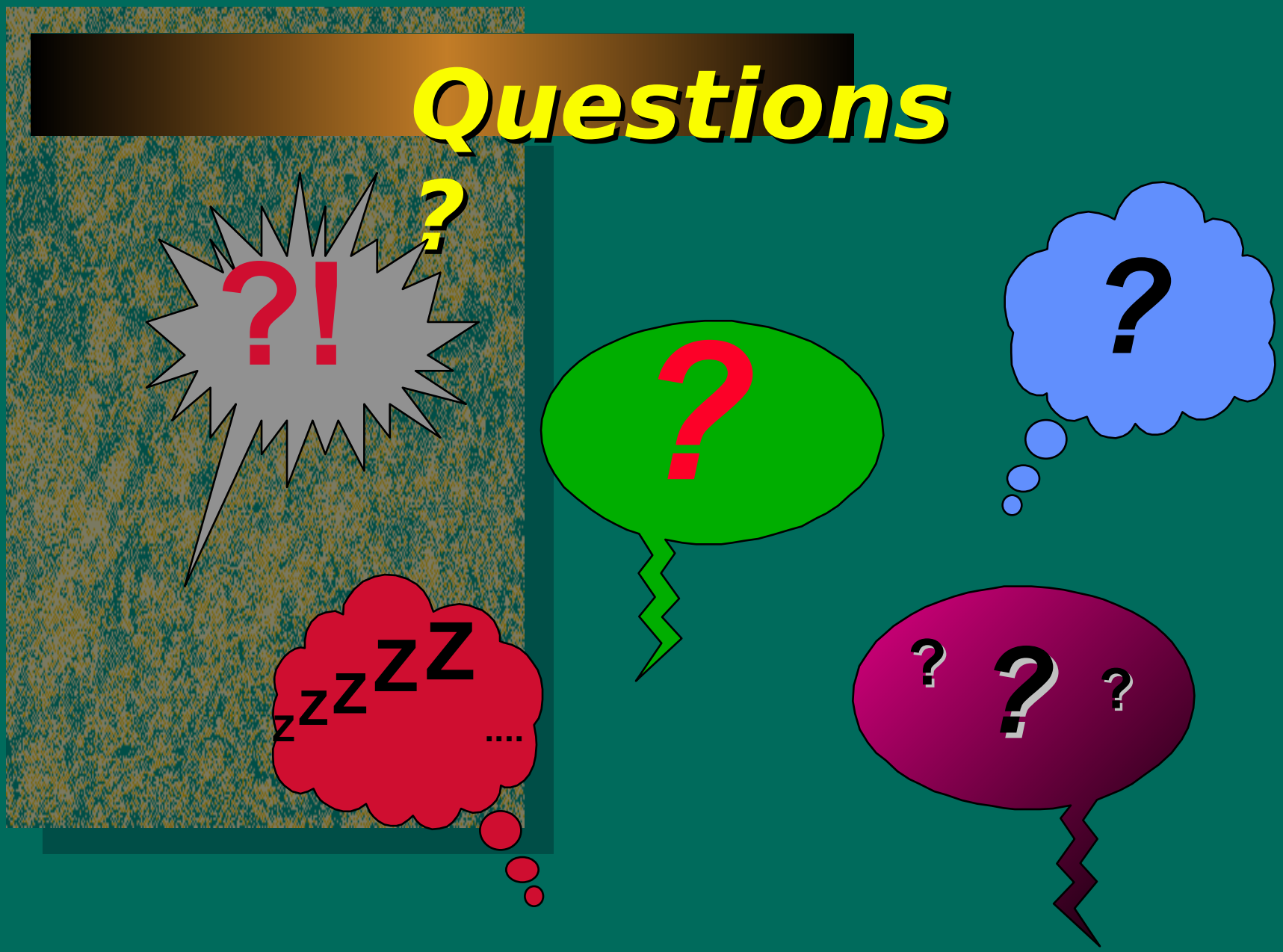
Will also work with Windows NT (version 4.0) policies.

Future NetWizard Releases

- NT Administrator Security
- Support for NW Enterprise Product (using MVS mainframe for file repository via SNA gateway)

"WebWizard Internet Initiatives" <Aug 97>

- NetWizard Web Server: NW Mgr as Web Server, users access NW Home page to get software.
- Stand-alone Agents: process NW packages downloaded from Web Servers.
- Integration with Internet Security Scanners.

Data
Communications
LAN Times
BEST
OF SHOW
ATLANTA

Questions