

# Five Powerful Programs To Help You Manage Your NetWare Network More Efficiently and Easily...



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of The Novell Companion

# At Last! Here's What No Administering and Troubles

**T**he *Novell Companion* is the authoritative NetWare reference guide for LAN managers and administrators. Here's everything you need to ensure the reliability of network resources, optimize performance, and increase your return on your network investment.

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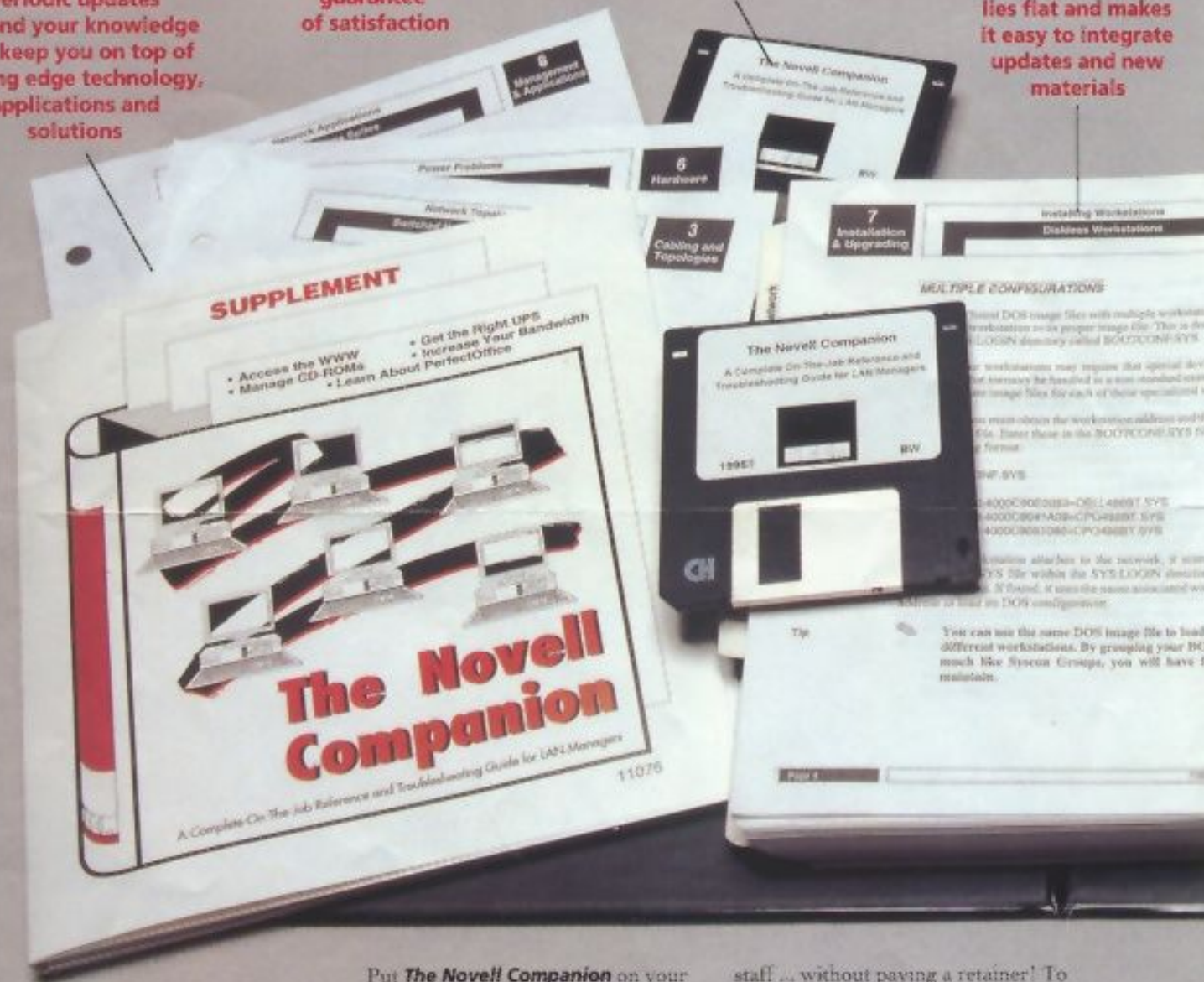
Diskette containing 5 software utilities and shareware programs for more efficient NetWare Network management and administration

## Contents at a Glance

### Network Basics

- Elements of the LAN
- OS: Model
  - OSI and the Network Environment
- Protocols
  - common protocols
  - IPX and SPX
  - FDDI

Sturdy binder lies flat and makes it easy to integrate updates and new materials



Put *The Novell Companion* on your shelf today. It's like having a full-time Certified NetWare Engineer on

staff ... without paying a retainer! To order your no-risk examination copy, call toll-free 1-800-222-WEKA.

## Cabling & Topologies

- Cabling Concerns
  - Cable standards
  - Unshielded twisted pair
  - Shielded twisted pair
  - Coaxial cable
  - Fiber optic cable
- Network Topologies
  - Baseband & broadband networks
  - IEEE standards
  - Archnet
  - Token Ring

- IEEE 802.3 and Ethernet 10BaseT implementation

## Inside NetWare

- The NetWare Shell
- Packet Burst Protocol
- NetWare memory management: 2.2 and 3.X
- NetWare file system
- The Bindery
- ODI Specifications and structure
- System fault tolerance
- NetWare 4.0 Features
  - NetWare Directory Services
  - Virtual Loadable Modules

- NetWare for Macintosh
  - Installing NetWare for Macintosh
  - Installing workstations

## Network Configuration

- Establishing the network environment
- Standard directory structures
- Syscon
- Security within NetWare
- Login scripts
- Sample network
  - System login script
  - installing WordPerfect office
  - 10BaseT facility installation

## Hardware

- Disk drives and controllers
  - RAID
- Servers

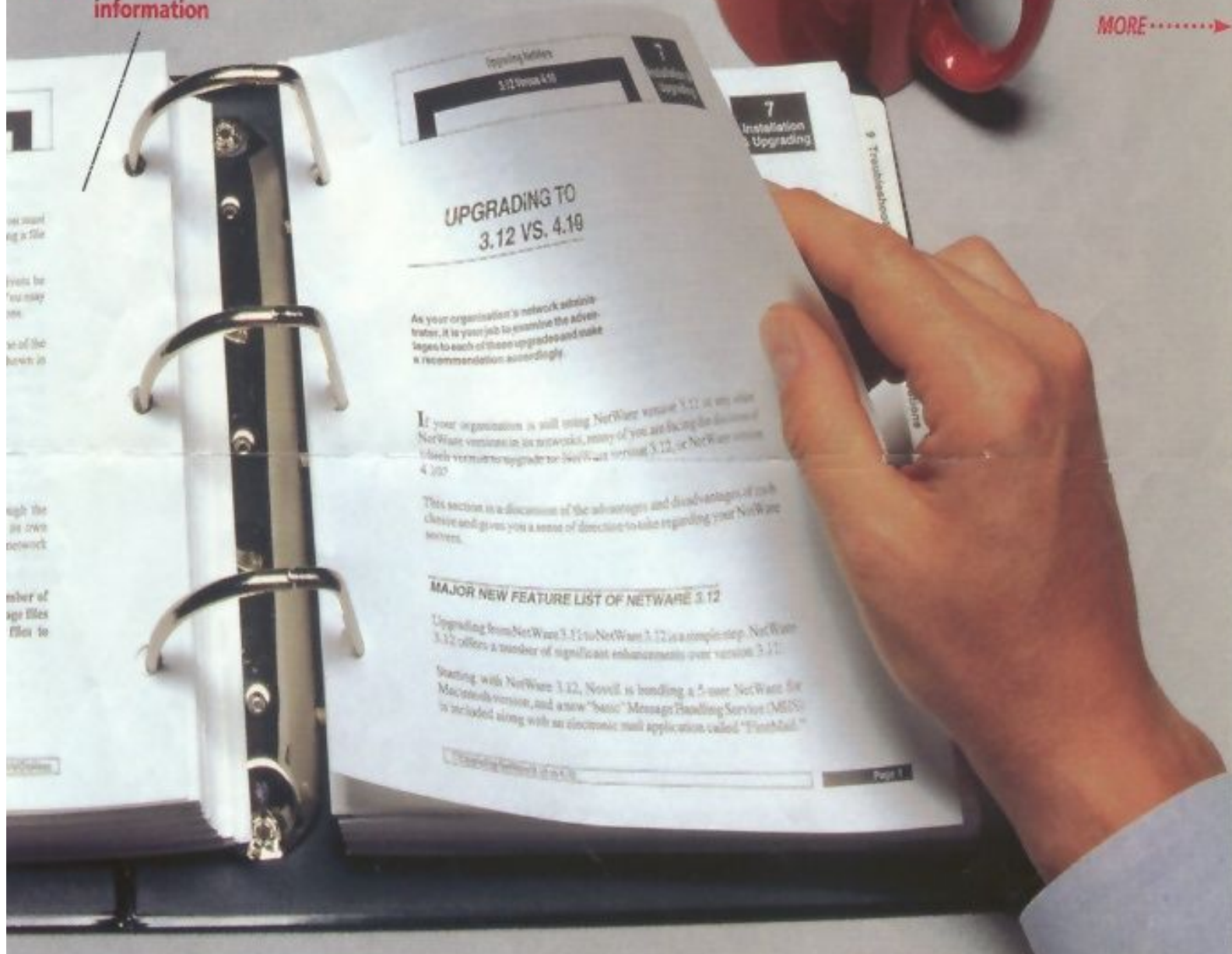
- Workstations
- Backup systems
  - Configuration information
- Power problems
  - UPS systems

## Installation and Upgrading

- Installing NetWare
  - Installation of NetWare 3.12
  - Options for 3.x servers
  - NetWare 4.0 ElectroText Viewer Installation
  - NetWare 4.1 installation

Over 800 pages of practical solutions and unbiased, valuable information

MORE.....▶



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## Contents at a Glance *Continued*

- Installing Workstations
  - ODI drivers
  - Diskless workstations
  - NetWare 4.0 workstations
- Upgrading NetWare
  - Upgrading to NetWare 3.12
  - Upgrading to NetWare 4.0
  - NetWare 3.12 vs. 4.1
  - Upgrading drives

### Management & Applications

- Network Management
  - The network administrator
  - Supporting your users
  - Selecting a local reseller
  - Licensing
  - Netware
- Network Applications
  - Applications software

- WordPerfect installation
- Lotus 1-2-3 installation
- NetWare and Windows
  - Windows swap files
  - Configuring network applications
  - Network printers and Windows
  - Windows installation
  - Implementing Windows
  - Windows maintenance
- Printing with NetWare

### Troubleshooting

- The Physical Layer
  - Troubleshooting Arcnet
  - Troubleshooting Token Ring
  - Troubleshooting Thinnet Ethernet
  - Troubleshooting 10BaseT
- Troubleshooting Tools
  - Protocol analyzers
  - Cable scanners

- Workstation diagnostics
- Using MONITOR
- Printer Troubleshooting

### Communications

- Asynchronous Communication
  - Dial-out services, NACS
  - Dial-in services, NAS
- Electronic Mail
  - Message handling service

### Appendices

- NLMs
  - NetWare 3.11 NLMs
  - NetWare 4.0 NLMs
- Commands
  - IPXODI commands
  - Link driver commands
  - LSL commands
  - NETX commands

NBOS

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## Diskette Utilities

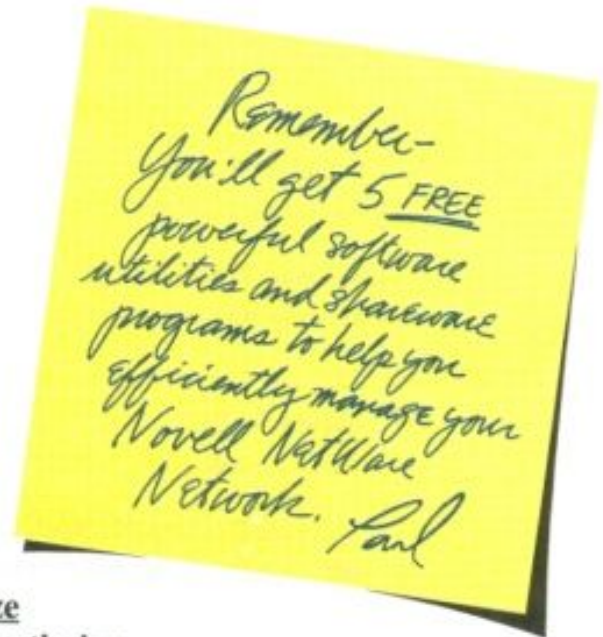
1. RSU (Remote Software Update)  
Fast software updates.
2. ANT (Advanced NetWare Tools)  
Bindery management tool.
3. CREATED.ZIP  
Creates NetWare print queues.
4. SENDIT.ZIP (SendIT)  
Fast e-mail.
5. HOWMUC.ZIP  
Measures memory utilization.

Some programs are shareware and must be registered if used on permanent basis.  
30-day free usage of all programs.





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**Now you can maximize  
network availability — and optimize  
performance — all year long ...**

Dear NetWare LAN Professional:

You're busy. So I'll get right to the point.

The Novell Companion is a unique resource that will help you run your Novell NetWare system as never before!

Simply put, it's the most comprehensive and valuable reference work on installing, configuring, administering, and troubleshooting NetWare networks ever available. You'll get the latest inside information on all NetWare versions, including straight talk on 4.1 and the pros and cons of upgrading.

The Novell Companion will help you optimize performance, simplify maintenance, and enhance the reliability of your NetWare network ... as it has for thousands of satisfied LAN managers and systems administrators nationwide.

We're so certain of this that we are offering you a shameless bribe just to get you to request a risk-free copy of The Novell Companion on a 30-day trial basis:

Order The Novell Companion on a no-risk trial basis and we will include, at no extra cost, a utility diskette containing 5 utilities and shareware programs that can help you enhance network management and administration. *This valuable utility diskette is yours to keep, regardless of whether you decide The Novell Companion is for you.*

**Get software utilities that save you time ...  
and make your network run much more efficiently.**

Okay. Here are the powerful utilities and nifty shareware programs you'll be getting on your free NetWare utility diskette:

Software Program #1: **Remote Software Update:** Your workstation configurations are stored on servers, right? Well, Remote Software Update automatically copies these configurations from

the server to the individual workstations attached to those servers, making it quick and easy to do software updates.

Software Program #2: **Advanced NetWare Toolkit:** A set of utilities that provides easy access, viewing, and reporting of bindery objects. Makes working with the NetWare bindery a breeze!

Software Program #3: **Create Queue:** This free utility allows you to create NetWare print queues on volumes other than SYST. You can specify the name and location of the queue you want to create.

Software Program #4: **SendIT:** Now you can send MHS-based e-mail messages from DOS command lines. Simplifies e-mailing from batch files and automated processes.

Software Program #5: **HowMuch?:** Just type HOWMUCH/? and this program will instantly tell you how much space is being consumed by each user.

And remember: The diskette containing these NetWare utilities is included at *no extra cost* with The Novell Companion. And you may keep the diskette at no charge, even if you decide The Novell Companion is not for you.

### **Why is WEKA Publishing offering you this valuable software at no extra cost?**

Because, quite frankly, we believe that when you examine The Novell Companion you will be delighted ... and will want to keep it and refer to it for years to come. We even keep it up to date for you so you'll always be current with cutting edge technology, applications, and solutions.

We're offering the utility diskette to get you to accept our 30-day no-risk offer.

Researched and written by a team of experienced Novell NetWare experts, no other guide gives you as much practical hands-on solutions and suggestions.

In one easy-to-use resource, here's everything you need to:

- ensure the reliability of critical network resources
- optimize network performance
- improve communication on the network
- virtually eliminate down-time
- increase the return on your network investment
- speed installation of new network components
- simplify maintenance
- save time and effort troubleshooting network problems.

Your users demand continuous system availability, high performance, and transparent access to applications and devices. The Novell Companion makes it easier to deliver what users want, while automating many of the tedious tasks of network management and administration.

**Here's just a sampling of what  
The Novell Companion can help you discover:**

The Novell Companion picks up where Novell's training and documentation leaves off. You'll learn insider secrets that until now only Certified Novell Engineers and Resellers knew. For example, you'll discover:

- Novell is aggressively promoting version 4.1. But is it worth upgrading from NetWare 3.12 or 4.0? To make an informed decision, see chapter 7.
- How to eliminate cross-talk that can damage the signals transmitted by network cards (see chapter 3).
- NetWare 3.11 has a built-in memory problem — the equivalent of “Alzheimer’s disease for LANs”: The longer it operates, the more memory it loses. Here’s a simple, easy solution (chapter 4 gives you the details).
- NetWare networks have superior security. Here’s how to set up yours so that even the CIA would approve the system! (turn to chapter 5 right away!)
- Is your NetWare reseller not delivering what they promised? Quick action steps you can take to resolve the problem are in chapter 8.
- Installing new hardware or software? The Novell Companion can make installation quick and easy (see chapter 7).
- PLUS: Plain-English explanations of all network protocols and models including RIP, SAP, NCP, SNX, ITP, OSI, IPX, FDDI, IPX/SW, TCP/IP, and more.

**Like having a full-time NetWare  
Engineer on retainer ... without paying a costly fee!**

NetWare networks are complex beasts, and NetWare knowledge commands a premium price. That’s why independent Certified NetWare Engineers can charge up to \$125 an hour or more!

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**A complete system for NetWare network management.**

When you accept our offer to examine The Novell Companion, here’s what you get:

- Over 800 pages of advertising-free, hands-on information, fully indexed for quick reference.
- A diskette containing powerful utilities and helpful shareware programs for more efficient NetWare network management and administration.
- A sturdy ring binder that makes it easy to add supplements and new materials as they become available. Lies flat on a desk for easy reading.

*Here's everything  
you need to manage  
your system with  
ease and efficiency*

- And, most importantly, our unconditional 30-day money-back guarantee of satisfaction. There's no risk. And no obligation of any kind.

### **Always current and up-to-date.**

Can you remember a time when technology and computing platforms have evolved so rapidly?

Never before have there been so many LAN enhancements and changes to keep up with — and so many new techniques and methods for optimizing network performance and simplifying administration.

The Novell Companion's updates, sent 5 times a year, ensure you'll always have the most current and accurate information — an added benefit no one else provides. Updates bring you timely NetWare information, and each includes a new diskette with our latest NetWare utilities! The diskette even contains a file that updates your Companion's index with references to the new materials.

Each update with disk will cost only \$42 each plus shipping and handling. They are fully guaranteed and may be returned within 30 days. You can discontinue the supplement service at any time, with no cost or penalty of any kind.

The cost of The Novell Companion, including the 800+ page reference binder and NetWare utilities on diskette, is normally \$89 plus \$6.50 for shipping and handling. This is less than a NetWare consultant would charge to advise you for just one hour ... yet The Novell Companion is there to help you administer and manage your network, year after year.

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So don't delay. Mail the enclosed no-risk trial form today. Or call us toll-free 1-800-222-WEKA. Your satisfaction is guaranteed ... or your money back.

Sincerely,



Paul Caron  
Product Manager, The Novell Companion

P.S. Remember, you've nothing to lose for taking us up on our 30-day free trial offer for The Novell Companion. If you are not absolutely delighted, just return the guide within 30 days and keep the NetWare utilities on diskette ... our way of saying "thanks" for giving The Novell Companion a try!



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