Contents

Microsoft Software License Agreement.....*iii*

Welcome **1**

About the Windows Resource Kit.....2
Conventions in This Manual.....4
The Troubleshooting Flowcharts for Windows 3.1.....7

Part 1 Installation and Setup

Chapter 1 Windows 3.1 Installation **57**

About Windows Setup.....58
Windows Setup: A Technical Discussion.....62
Setting Up Windows for a Network.....71
Using Automated Setup: Setup /h.....75
Maintaining Windows with Setup.....82

Chapter 2 The Windows Setup Information Files **85**

About the Setup Information Files.....86
SETUP.INF: The Setup Information File.....88
APPS.INF: The Application Installation Information File.....121
CONTROL.INF: The Control Panel Information File.....126
Modifying .INF Files for Custom Installations.....128

Chapter 3 The Windows Files **135**

About the Windows Files.....136
WIN.COM.....136
The Core Files.....137
Drivers, Fonts, and International Support Files.....137
MS-DOS Support Components of Windows.....148
Windows Applications, Setup, and Other Files.....151
Files You Can Delete.....155

Chapter 4 The Windows Initialization Files 157

About the Initialization Files....158
WIN.INI: The Windows Initialization File....163
SYSTEM.INI: The System Initialization File....183
Other Windows Initialization Files....219

Part 2 Configuring Windows 3.1

Chapter 5 Windows 3.1 and Memory Management 227

About Memory....228
Windows Standard Mode and Memory....235
Windows 386 Enhanced Mode and Memory....238
Other Memory Management Issues....247
SMARTDrive 4.0: A Technical Discussion....252

Chapter 6 Tips for Configuring Windows 3.1 257

Tips for Optimizing Performance....258
Tips for Configuring the Windows Shell....272

Part 3 Non-Windows–Based Applications

Chapter 7 Setting Up Non-Windows Applications 283

About Applications....284
Setting Up PIFs and Program Items....285
Starting Non-Windows Applications with Windows....288
Running Non-Windows Applications....290
Tips for Running Non-Windows Applications....294

Chapter 8 PIFs and PIF Editor 299

About Creating PIFs....300
About PIF Editor....300
Modifying the Default PIF....305
Creating Multiple PIFs for a Single Application....306

Part 4 Using Windows 3.1

Chapter 9 **Fonts** 309

About Fonts....310
TrueType and Windows 3.1....318
Printer Fonts and Windows 3.1....320
Changing Typeface Names for Soft Fonts....337

Chapter 10 **Printing** 339

About Windows Printing....340
Printer Ports....342
Determining Print Method....349
Printing with a Network Driver....350

Chapter 11 **Compound Documents in Windows 3.1** 351

About Object Linking and Embedding....352
Windows Support for Compound Documents....354
Managing the Registration Database....359

Part 5 Networks and Windows 3.1

Chapter 12 **Networks and Windows 3.1** 367

About Networks and Windows 3.1....368
3Com Networks....374
Artisoft LANtastic....376
Banyan VINES....377
DEC Pathworks....379
IBM OS/2 LAN Server....383
IBM PC LAN Program....383
Invisible Software —NET/30 For Windows....384
Microsoft LAN Manager Networks....384
Microsoft Network and Compatibles....387
Novell NetWare....387
TCS 10Net....391

Ungermann-Bass Net/One.....392

Part 6 Troubleshooting Windows 3.1

Chapter 13 **Troubleshooting Windows 3.1** 395

About Troubleshooting....396
Troubleshooting Setup....399
Troubleshooting Windows Configuration....403
Troubleshooting Windows Running in Standard Mode....418
Troubleshooting Windows Running in 386 Enhanced Mode....420
Troubleshooting for Non-Windows Applications....423
Troubleshooting Fonts....425
Troubleshooting Printing....426
Troubleshooting Networks....430
Troubleshooting GP Faults....431
Troubleshooting Multimedia....434

Chapter 14 **The Windows Resource Kit Disk** 439

The Windows Resource Kit Utilities....440
Other Windows Resource Kit Files....443

Part 7 References, Resources, and Appendixes

Glossary 447

Appendix A **Windows Resource Directory** 457

Appendix B **Hardware Compatibility List** 487

Appendix C **Windows 3.1 Disks and Files** 499

Appendix D **Articles** 505

Windows for Pens....506
QEMM-386 and Windows 3.1....515

PC-NFS and Windows 3.1.....519
FastDisk: An Introduction to 32-Bit Disk Access.....520

Index ***525***