



## Powerful, secure, Windows-based, multi-host access for the evolving enterprise

RUMBA provides connectivity from Microsoft Windows desktops to virtually any host system with mission critical reliability. Innovative features increase user productivity, reduce total cost of ownership, and simplify enterprise migrations to browser-based and server-based computing. RUMBA software makes it easy to connect to and use information on IBM mainframe, IBM iSeries (AS/400), UNIX, Hewlett-Packard, and VAX systems. NetManage's modular-based products ensure optimal performance and fast, flexible custom application development.

### FEATURES & BENEFITS

- Enables host access administration efficiency while reducing the cost and complexity of accessing host applications
- Protects valuable information assets and secures the communications between your workstations and host systems through rich security features
- Reduces costs and simplifies user interactions with hosts by leveraging iSeries single sign-on (SSO) capability
- Connects Windows desktops to virtually any host, across any network, with mission critical reliability
- Leverages PC-to-host access customizations when migrating to the Web
- Supports Microsoft XP enterprise technology roadmap

#### More host access options

RUMBA provides access to a broad range of host types, including IBM mainframe, IBM iSeries, Hewlett-Packard, UNIX, and VAX. Because you need only one vendor and one application for a multi-host environment, deployment and support is faster, easier, and more cost effective.

#### Increased user productivity

RUMBA enables business users to work productively with host-based information within a user-friendly Windows environment or from a familiar Web browser. It provides all the core functionality of a Windows-based emulator, from multi-session support and host printer emulation to a variety of file transfer and host-based graphics options.

#### Windows 2000 and XP certified

RUMBA users can take advantage of Windows 2000 and XP features and functions, including Active Directory Services, enhanced power management, and roaming user support. A powerful bridge between the desktop and the data center, RUMBA software is ideal for companies migrating to Windows 2000 or Windows XP, or for organizations that are



simply upgrading from older connectivity products. RUMBA is the right solution for businesses that want to increase returns on their technology investments while lowering their total cost of ownership.

#### Comprehensive security

Client-to-host communication is secure. No major architectural changes are required for deployment because RUMBA software adapts to the highest level of security available via your organization's existing host security, network security, firewalls, and virtual private networks (VPNs). RUMBA products contain embedded Secure Sockets Layer (SSL) and Secure Shell (SSH) technology for secure terminal and FTP sessions to host computers.



RUMBA Security Services adds protection for users that connect via the Internet. Its patented technology provides persistent terminal and FTP sessions via the standard HTTPS port on your existing firewalls or proxy servers, making it easier than ever to extend access to external users while protecting information assets.

#### **iSeries single sign-on**

RUMBA iSeries single sign-on feature streamlines client authentication and reduces administrative costs. Administrators are able to configure and manage a single login process that extends to the iSeries system through the use of Kerberos technology, which is also standardized and integrated by IBM and Microsoft. Centralized user profile management simplifies host access administration and makes monitoring and compliance reporting easier.

#### **Customization and ease of use**

Comprehensive productivity and ease-of-use features reduce the need for support and training. System administrators can even custom configure the menu bar of the RUMBA window to meet exact requirements of each user or organization.

#### **Robust, flexible technology**

RUMBA supports display and host application printing, native file transfer, and flexible keyboard mapping. The software also includes an intuitive, point-and-click macro editor.

#### **VBA-type scripting support**

Enables automation via scripting to improve end-user productivity and streamline business processes. Supports the execution of existing OnWeb Web-to-Host, ViewNow, and/or competitive scripts on the RUMBA PC-to-Host platform, reducing the administrative costs associated with multi-client-type installations and consolidations. The NetManage Migration Wizard provides an easy migration of large, complex Attachmate® scripts to RUMBA with no administrator intervention required.

#### **Custom application development**

Support for a wide range of APIs, including EHLLAPI, CPI-C, and APPC, provides maximum flexibility and convenience for programmers, developers, and other IT professionals.

#### **Streamline software administration**

Centralized administration significantly lowers total cost of ownership through server-based software deployment and maintenance. Microsoft Installer technology lets system administrators service and upgrade systems easily from a central network server.

#### **Section 508 compliant**

RUMBA has been designed to be compliant with the U.S. Government standards as defined by Section 508 of the U.S. Federal Rehabilitation Act amended in 1998. This set of standards provides for access to information by people with various visual, tactile, or aural handicaps.

#### **Comprehensive technical support**

NetManage ONESTEP® technical support programs and consulting services are available to maximize productivity with RUMBA products.

#### **OTHER IMPORTANT FEATURES INCLUDE:**

##### **Microsoft Windows Installer**

Robust, reliable Microsoft Installer enables shared resource management, easy application selection and customization, and easier deployment.

##### **InstallShield tuner**

System administrators can create tailored installation packages for Microsoft Systems Management (SMS) or IntelliMirror, providing different configurations for different user groups.

##### **SMS 2.0 support**

RUMBA supports SMS 2.0, reducing deployment time and providing accurate software inventory information.

##### **Microsoft zero administration kit support**

Set user profiles, lock down desktop configurations, and reduce IT support costs by maintaining a consistent desktop across the organization.

##### **System administrator menu configuration**

Customize RUMBA menu bars to meet user and organization requirements and reduce training time.

##### **Macro editor**

Produce better macros in less time with point-and-click building and editing.

##### **AS/400 submit remote command**

Send commands and receive responses without the overhead of a display session.

##### **Innovative productivity features**

In addition to simplifying system administration, RUMBA software offers an extensive set of features that increases user productivity by making it easy to access and leverage host information.



### Bookmarks

Speed navigation between multiple host screens.

### QuickAssist

Complete data fields automatically and eliminate repetitive keystrokes.

### RUMBA notebook

Integrate and launch multiple host sessions with this intuitive, tab-based tool.

### Print management

Print preview ensures correct formatting and eliminates test print runs and queue management shows printer location and status.

### MPE native file transfer

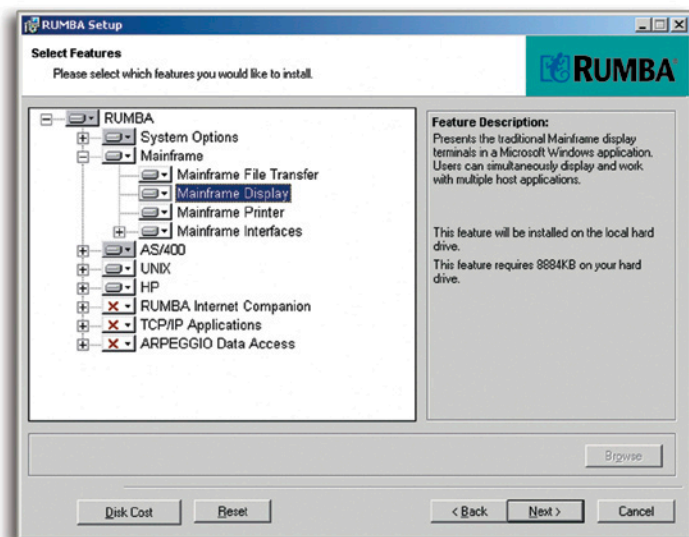
Download HP3000 files and work with data within Windows applications.

### Formatted screen print

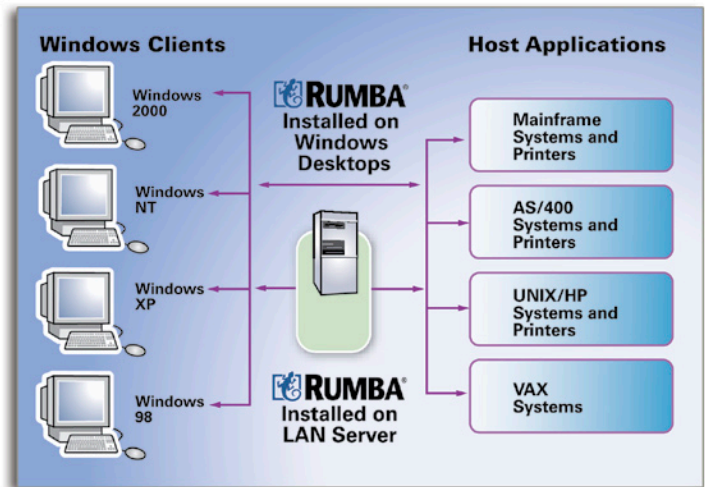
Format and print host-based email messages from single or chained host screens.

### Batch file transfer

Transfer multiple files between PC and host systems and schedule AS/400 file transfers.



Using the Microsoft Installer, you can install RUMBA or selected components to meet the business requirements of your company, departments, or individual users.



*RUMBA can be installed on the latest versions of Windows to provide easy access to applications and databases on mainframe, AS/400, UNIX, HP, and VAX systems.*

### CORE CONNECTIVITY FEATURES

#### RUMBA

3270, 5250 Terminal and Printer Emulation, UNIX-VT, WYSE 50/60 and HP/MPE Terminal Emulation, File Transfer

#### RUMBA for Citrix and Terminal Server

3270, 5250 Terminal and Printer Emulation, UNIX-VT, WYSE 50/60 and HP/MPE Terminal Emulation, File Transfer

#### RUMBA Mainframe

3270 Terminal and Printer Emulation and File Transfer

#### RUMBA AS/400

5250 Terminal and Printer Emulation and File Transfer

#### RUMBA UNIX-HP

TELNET VT and HP3000 MPE Terminal Emulation, UNIX and HP File Transfer

*French and German language versions are also available.*



## PRODUCT SPECIFICATIONS & SYSTEM REQUIREMENTS

### **RUMBA, RUMBA MAINFRAME, RUMBA AS/400, RUMBA UNIX-HP**

#### **Operating Systems Supported**

Microsoft Windows XP, Windows 2000, Windows NT 4.0  
Windows 2003

#### **Hardware**

PC with Pentium-class processor – 300 MHz (or faster) for  
Windows NT, Windows 2000, or Windows XP

64 MB RAM recommended for Windows NT, Windows 2000,  
and Windows XP

Full installation of RUMBA requires approximately 90 MB  
of disk space

### **RUMBA**

#### **for Citrix and Terminal Server**

Please refer to Citrix or Microsoft for baseline server specifications. The following guidelines are for RUMBA software:

#### **Server Software**

Windows NT 4.0 Terminal Server Edition or Windows 2000 or  
Windows 2003 with Windows Terminal Services

#### **Server Hardware**

5-to-8 MB of RAM with 15-to-20 MB of page file space per user  
Citrix Presentation Server software (optional)



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