



IBM ARTour Becomes IBM eNetwork Wireless

Overview

The ARTour™ products have been enhanced, repackaged, and renamed. ARTour is now IBM eNetwork Wireless.

The new family consists of the following products:

- eNetwork Wireless Gateway and its clients, which provide a standard communications interface (TCP/IP) to a variety of wireless and dial-up networks with data optimization and security.
- eNetwork Emulator Express Servers and their clients, which provide highly optimized access to existing applications using Telnet 3270 or Telnet 5250 emulation.
- eNetwork Web Express Servers and their clients, which provide highly optimized Internet/intranet access with the additional benefits of background processing and disconnected operations.

In addition to the functions previously announced with the ARTour products earlier this year, the eNetwork Wireless products provide additional wireless protocol support, enhanced data optimization, and improved user interfaces.

Intended Customers

Customers whose mobile workforce needs optimized access to the corporate data network over one or more wireless or dial-up connections. Access to existing TCP, 3270/5250, Internet, and intranet applications is provided by the eNetwork wireless family of products.

Key Prerequisites

eNetwork Wireless Gateway for AIX® requires the Advanced Server of AIX V4.1.4 (or later modification levels) or AIX V4.2. The client function requires TCP/IP and one of the following:

- OS/2® Warp V4
- Windows® V3R1 or V3R11
- Windows for Workgroups V3R11
- Windows 95
- Windows NT™

eNetwork Emulator Express Server for AIX requires the Advanced Server of AIX V4.1.4 (or later modification levels) or AIX V4.2. The client function requires either Windows 95 or OS/2 Warp V4.

eNetwork Emulator Express Server for Windows NT requires Windows NT V4.0 Server. The client function requires either Windows 95 or OS/2 Warp V4.

eNetwork Web Express Server for AIX requires the Advanced Server of AIX V4.1.4 (or later modification levels) or AIX V4.2. The client function requires Windows 95.

eNetwork Web Express Server for Windows NT requires Windows NT V4.0 Server. The client function requires Windows 95.

One-Time Charge: \$4,159 and up

Planned Availability Date

October 31, 1997

At a Glance

The IBM eNetwork Wireless family provides all the function of the ARTour products, and more. Repackaged for easier ordering and simplified pricing, client function is now shipped with the Gateway and Server program packages. Network protocol support in the Gateway has been expanded to include:

- Cellular Digital Packet Data (CDPD)
- DataRadio
- Primary rate ISDN connections to Global System for Mobile Communication (GSM)

Web Express has a new look with:

- Enhanced user interfaces, including Java™-based GUI
- Automatic browser configuration and launch
- Improved performance

Description

IBM eNetwork Wireless

The IBM eNetwork Wireless family of products is IBM's strategic software for wireless and dial-up support for mobile workforces. Replacing the ARTour family of products announced earlier this year, eNetwork Wireless provides all the function of the ARTour products with the additional advantages of:

- Repackaged server products that include the client function
- Simplified price structure
- Expanded wireless protocol support
- Enhanced user interfaces
- Improved performance

New Product Packaging

The ARTour products have been repackaged in the eNetwork Wireless family as follows:

eNetwork Wireless	Replaces
eNetwork Wireless Gateway for AIX	ARTour Gateway for AIX ARTour Mobile Client for OS/2 ARTour Mobile Client for Windows
eNetwork Emulator Express Server for AIX	ARTour Emulator Express Server for AIX ARTour Emulator Express Client for Windows 95 ARTour Emulator Express Client for OS/2
eNetwork Emulator Express Server for Windows NT	ARTour Emulator Express Server for Windows NT ARTour Emulator Express Client for Windows 95 ARTour Emulator Express Client for OS/2
eNetwork Web Express Server for AIX	ARTour Web Express Server for AIX ARTour Web Express Client for Windows 95
eNetwork Web Express Server for Windows NT	ARTour Web Express Server for Windows NT ARTour Web Express Client for Windows 95

eNetwork Wireless Gateway

New function available with the eNetwork Wireless Gateway includes:

DataRadio network support, including the broadcast option, is provided when using the Windows client.

Primary Rate ISDN connections to GSM networks are now supported. In addition, call line identifier and call detail recording are supported for ISDN-connected networks.

Additional TCP optimization for all supported networks provides better performance with reduced data transmission costs.

Windows NT client support is available when using the Windows client.

A complete description of the eNetwork Wireless Gateway and client function is provided in the ARTour Gateway and Mobile Client announcement. Refer to Software Announcement 297-028, dated February 18, 1997.

eNetwork Web Express

Performance improvements include:

- Multiplexing of background requests
- Refresh intervals for gifs
- Enhanced cache management

User interface enhancements include:

- Java-based GUI
- Automated browser configuration and launch with a reset to original values when Web Express is closed
- New user interface for product configuration

A complete description of the eNetwork Web Express Server and client function is provided in the ARTour Web Express announcements. Refer to Software Announcement 297-027, dated February 18, 1997. and Software Announcement 297-236, dated June 24, 1997.

eNetwork Emulator Express

A complete description of the eNetwork Emulator Express Server and client function is provided in the ARTour Emulator Express announcement. Refer to Software Announcement 297-235, dated June 24, 1997.

Year 2000

These products do not have date dependencies and are therefore Year 2000 Ready. When used in accordance with its associated documentation, it is capable of correctly processing, providing, and/or receiving date data within and between the twentieth and twenty-first centuries, provided all other products, (for example, software, hardware, and firmware) used with the product properly exchange date data with it.

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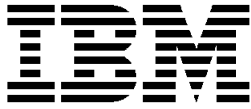
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IBM US Announcement Supplemental Information

September 30, 1997

Publications

The following publications can be ordered for a fee following planned availability.

Title	Order Number
eNetwork Wireless Technical Overview	GC31-8630
eNetwork Wireless Gateway Administrator's Guide	GC31-8633
eNetwork Emulator Express Administrator's Guide	GC31-8636
eNetwork Web Express Administrator's Guide	GC31-8634

Technical Information and Specified Operating Environment

Hardware Requirements

eNetwork Wireless Gateway for AIX® V4R1: Runs on all RS/6000™, Power PC, and SP2® systems that support AIX V4R1.4, or later, or V4R2, or later.

If you are connecting to any of the following networks, an IBM X.25 coprocessor card is required:

- DataTAC-SCR
- Mobitex
- Modacom-SCR

MCA-bus RS/6000 machines require the IBM X.25 interface Co-processor/2 card. ISA-bus RS/6000 machines require the IBM X.25 interface Co-processor/1 card.

An asynchronous adapter and modem are required to connect to a circuit switched cellular network using RS232 communication (for example, PSTN, GSM, or AMPS).

An Ethernet adapter is required to connect to a DataRadio network.

A Diehl Basic Rate ISDN adapter and NetCS netISDN BP software package are required to connect to a GSM-ISDN network (basic rate):

- Diehl SCOM/2 adapter for MCA-bus RS/6000 machines
- Diehl SCOM adapter for ISA-bus RS/6000 machines

To use both B-channels on the ISDN adapter for either HDLC or V.110 line encoding, specify "double DiTAC" modules for the adapter.

If you are connecting to a GSM-ISDN network (primary rate), a Diehl Diva Server adapter (with one to four daughter cards) and an Eicon Capi Driver are required. This connection requires AIX V4.1.5 or AIX V4.2.1.

If you are connecting to a DataTAC-TCP or RNC3000 network, see your network provider for hardware requirements.

To connect the eNetwork Wireless Gateway to the IP network, an adapter such as Ethernet or token ring is required.

eNetwork Emulator Express Server for AIX

- Any RS/6000, Power PC, or SP2 system that supports AIX V4R1.4, or later, or V4R2, or later
- Recommended minimum of 64MB RAM and 2GB hard drive
- LAN connection (for example, Ethernet or token ring)

eNetwork Emulator Express Server for Windows NT™

- Recommended minimum Pentium® 166, or equivalent, microprocessor with 64MB RAM and 2GB hard drive
- LAN connection (for example, Ethernet or token ring)

eNetwork Web Express Server for AIX

- Any RS/6000, Power PC, or SP2 system that supports AIX V4R1.4, or later, or V4R2, or later
- Recommended minimum of 64MB RAM and 2GB hard drive
- LAN connection (for example, Ethernet or token ring)

eNetwork Web Express Server for Windows NT

- Recommended minimum Pentium 166, or equivalent, microprocessor with 64MB RAM and 2GB hard drive
- LAN connection (for example, Ethernet or token ring)

eNetwork Clients

- Minimum 486 microprocessor with 16MB RAM
- Recommended Pentium microprocessor with 24MB RAM
- Modem that supports the network

Software Requirements

eNetwork Wireless Gateway for AIX: AIX V4.1.4 (or later modification levels of V4.1) for Advanced Servers (5765-393), or AIX V4.1 (5765-C34), or AIX V4.2 for Advanced Servers (5765-655), or AIX V4.2 (5765-C34).

- Base operating system
- TCP/IP Server
- TCP/IP Client
- AIXLink V1R1.3 (if you are using an X.25 adapter)

To use Gateway network management, you must have NetView® for AIX V3R1.2, or later, and its prerequisites.

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: <http://www.ibm.com>.

eNetwork Emulator Express Server for AIX: AIX V4.1.4 (or later modification levels of V4.1) for Advanced Servers (5765-393), or AIX V4.1 (5765-C34), or AIX V4.2 for Advanced Servers (5765-655), or AIX V4.2 (5765-C34).

- Base operating system
- TCP/IP Server
- TCP/IP Client

eNetwork Web Express Server for AIX: AIX V4.1.4 (or later modification levels of V4.1) for Advanced Servers (5765-393), or AIX V4.1 (5765-C34), or AIX V4.2 for Advanced Servers (5765-655), or AIX V4.2 (5765-C34).

- Base operating system
- TCP/IP Client

eNetwork Emulator Express Server for Windows NT: Windows NT Server V4.0

eNetwork Web Express Server for Windows NT: Windows NT Server V4.0

Gateway Windows® Clients: One of the following:

- Windows V3R1 or V3R11
- Windows for Workgroups V3R11
- Windows 95

Windows V3 also requires a TCP/IP stack that supports an NDIS 2 driver.

Gateway OS/2® Clients: OS/2 Warp V4

Emulator Express Windows Clients: Windows 95

Emulator Express OS/2 Clients: OS/2 Warp V4

Note: The IBM Personal Communications AS/400® and 3270 Entry Level product is shipped with the eNetwork Emulator Express Servers for use with the client function. Keyboard remapping under these products requires a license of either the IBM Personal Communication AS/400 and 3270 V4.1, or later, for Windows 95 or the IBM Personal Communication AS/400 and 3270 V4.1, or later, to create the remap file.

Web Express Windows Clients: Windows 95 and either:

- Internet Explorer with JVM 1.02, or later
- Netscape Navigator with JVM 1.02, or later

Compatibility: The ARTour™ Web Express Client for Windows V1R1 (5639-B87) is compatible with the IBM eNetwork Web Express Server for AIX (5765-D04) and the IBM eNetwork Web Express Server for Windows NT (5639-D66).

Limitations: The Java™-based GUI of eNetwork Web Express is supported in English only.

Performance Considerations: The performance of the eNetwork Wireless products can be affected by many different variables, some of which can be tuned with program parameters and some of which are external to these products, for example:

- Wireless network characteristics
- Number of users and concurrent sessions
- Type of applications
- Trace activity

For information on the parameters that affect performance, refer to the applicable eNetwork wireless product publication.

Planning Information

Packaging: Entitled documentation is provided with the products.

The eNetwork Wireless Gateway for AIX is available on 4-mm tape, 8-mm tape, and CD-ROM. The program package includes:

- 3.5-inch diskettes with the client for OS/2
- 3.5-inch diskettes with the client for Windows
- eNetwork Wireless Technical Overview
- eNetwork Wireless Gateway Administrator's Guide

The eNetwork Emulator Express Server for AIX is available on 4-mm tape, 8-mm tape, and CD-ROM. The program package includes:

- 3.5-inch diskettes with the client for OS/2
- 3.5-inch diskettes with the client for Windows 95
- eNetwork Wireless Technical Overview
- eNetwork Emulator Express Administrator's Guide

The eNetwork Emulator Express Server for Windows NT is available on 3.5-inch diskette only. The program package includes:

- 3.5-inch diskettes with the client for OS/2
- 3.5-inch diskettes with the client for Windows 95
- eNetwork Wireless Technical Overview
- eNetwork Emulator Express Administrator's Guide

The eNetwork Web Express Server for AIX is available on 4-mm tape, 8-mm tape, and CD-ROM. The program package includes:

- 3.5-inch diskettes with the client for Windows 95
- eNetwork Wireless Technical Overview
- eNetwork Emulator Express Administrator's Guide

The eNetwork Web Express Server for Windows NT is available on 3.5-inch diskette only. The program package includes:

- 3.5-inch diskettes with the client for Windows 95
- eNetwork Wireless Technical Overview
- eNetwork Web Express Administrator's Guide

Security, Auditability, and Control

eNetwork Wireless Gateway for AIX, eNetwork Emulator Express Server for AIX, and eNetwork Web Express Server for AIX use the security and auditability features of the AIX operating system.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering Information

The products in this announcement are client/server products that have two charge units: program package and registered users.

Description	OTC ¹ Feature Number	Medium Feature Number	Medium
eNetwork Wireless Gateway for AIX (5765-D05)			
Program Package	4011	5500 5905 5829	4-mm tape 8-mm tape CD-ROM
1 Registered User	4012		

Description	OTC ¹ Feature Number	Medium Feature Number	Medium
eNetwork Emulator Express Server for AIX (5765-D03)			
Program Package	4011	5500 5905 5829	4-mm tape 8-mm tape CD-ROM
1 Registered User	4012		
eNetwork Emulator Express Server for Windows NT (5765-D03)			
Program Package	4041	5805	3.5-inch diskette
1 Registered User	4042		
eNetwork Web Express Server for AIX (5765-D04)			
Program Package	4011	5500 5905 5829	4-mm tape 8-mm tape CD-ROM
1 Registered User	4012		
eNetwork Web Express Server for Windows NT (5639-D66)			
Program Package	4043	5805	3.5-inch diskette
1 Registered User	4044		
1 One-Time Charge			

Customization Options: Select the appropriate feature numbers to customize your order to specify the delivery options desired. These features can be specified on the initial or MES orders.

Example: If publications are not desired for the initial order, specify feature number 3470 to ship media only. For future updates, specify feature number 3480 to ship media updates only. If, in the future, publication updates are required, order an MES to remove feature number 3480; then, the publications will ship with the next release of the program.

Description	Feature Number
Initial Shipments	
Serial Number Only (suppresses shipment of media and documentation)	3444
Ship Media Only (suppresses initial shipment of documentation)	3470
Ship Documentation Only (suppresses initial shipment of media)	3471
Update Shipments	
Ship Media Updates Only (suppresses update shipment of documentation)	3480
Ship Documentation Only (suppresses update shipment of media)	3481
Suppress Updates (suppresses update shipment of media and documentation)	3482

Description	Feature Number
Expedite Shipments	
Local IBM Office Expedite (for IBM use only)	3445
Customer Expedite Process Charge (\$30 charge for each product)	3446
Expedite shipments will be processed to receive 72-hour delivery from the time IBM Software Manufacturing Solutions (SMS) receives the order. SMS will then ship the order via overnight air transportation.	

Terms and Conditions

Licensing: IBM International Program License Agreement. Proofs of Entitlement (PoE) are required for all authorized use.

Limited Warranty: Yes

Program Services: Available until May 31, 2000

Guarantee: Two months, unconditional guarantee for program packages

Copy and Use on Home/Portable Computer: Yes

Usage Restriction: Yes. The customer cannot exceed the number of registered users ordered without obtaining additional quantities of the feature that extends the permitted usage. The client function is provided as Program Features. The client function can only be used with its associated server/gateway.

Support Line

- Personal Systems
- AIX

Complimentary Introductory Support: Not available for Intel® platform

- Length of time: 60 days
- Must be part of solution with RS/6000 brand system acquired from IBM
- Applies to first installation in customer enterprise

Volume Orders: No

Software Advantage Applies: No

Upgrade Protection Applies: No

Entitled Upgrade for Current Upgrade Protection Licensees: No

Variable Charges Apply: No

Charges

Description	Program Number	Feature Number	OTC
<i>eNetwork Wireless Gateway for AIX</i>			
Program Package	5765-D05	4011	\$15,000
1 Registered User		4012	209
<i>eNetwork Emulator Express Server for AIX</i>			
Program Package	5765-D03	4011	6,000
1 Registered User		4012	259
<i>eNetwork Emulator Express Server for Windows NT</i>			
Program Package	5639-D67	4041	6,000
1 Registered User		4042	259
<i>eNetwork Web Express Server for AIX</i>			
Program Package	5765-D04	4011	4,000
1 Registered User		4012	159
<i>eNetwork Web Express Server for Windows NT</i>			
Program Package	5639-D66	4043	4,000
1 Registered User		4044	159

Monthly Support Line Charge: \$230

Trademarks

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