LetNo	ZP97-0192
Date	970218
Revised	970218
Class	IBM Europe Programming Announcement

Title

 IBM ARTour Gateway Extends Corporate Data Network to Mobile Workforce

Program Number

```
Program                            Program
Name                               Number
----------------------------       -----------
IBM ARTour Gateway for AIX
Version 3, Release 1 (V3R1)        5765-C17
IBM ARTour Mobile Client OS/2 V3R1 5639-B82
IBM ARTour Mobile Client for Windows+ V3R1   5639-B83
```

Overview

The IBM ARTour Gateway and Mobile Clients provide cost-effective, secure access to corporate data networks that can greatly increase the productivity of your mobile workforce "Anytime, Anyplace". The IBM ARTour Gateway and Mobile Client extend your corporate data network to your mobile workforce by providing:

- A standard communications interface (TCP/IP) to a variety of wireless and dial protocols

- Highly optimized and secure access to existing applications

The IBM ARTour Gateway and Mobile Client are part of IBM's family of mobile communication products which also includes the ARTour Emulator Express and the ARTour Web Express products.

Planned Availability.

February 21, 1997

N.B: To follow French laws on the usage of products involving encryption algorithms, ARTour Gateway and Mobile Clients require French administration authorization before releasing these products in France.
Such an authorization is expected for 3Q97.

Marketing Information

Cryptography

This product uses cryptographic functions for data privacy, which are under the jurisdiction of the US Department of Commerce. There are no marketing limitations.

Local legislation however may be restricting the use of products with cryptographic functions in your country. Such information can be obtained from your local coordinator for export/import regulations.

Marketing Channels

IBM Marketing Representative

IBM Business Partners (*) acting as Remarketers of IBM Networking Products (Base)

IBM Business Partners (*) acting as Remarketers of IBM RISC Systems/6000

IBM Software Remarketers

Industrial Integrators

(*) Business Partners are called Business Associates in U.K. and Ireland.

Program Services

Central Service through mail or fax will be provided by IBM until February 27, 1999.

Additional fee support will be provided through the IBM Support Line and Country specific service offerings. Please contact IBM for further information on what is available in your Country.

This program will be subject to the terms of the IBM International Program License Agreement (IPLA) contained in the program package, and not to the Agreement for IBM Licensed Programs.

This Statement is complementary to the IBM IPLA contained in this package:

```
Program Name: IBM ARTour Gateway for AIX V3R1; IBM ARTour Mobile
   Client for OS/2 V3R1, IBM ARTour Mobile Client for Windows V3R1.
Program Number: 5765-C17; 5639-B82; 5639-B83
Service End Date: February 27, 1999
```

For program defect related problems, the following procedure for assistance in problem identification is applicable:

- Contact your remarketer or distributor or, alternatively
- Mail or fax the written problem description to IBM.

IBM will reply in writing with information about correction, bypass or restriction with the intent to make the program perform according to its specifications, or, if there are none, to its principles of operation.

Customer information needed when submitting a problem:

- Address and contact name
- Current maintenance/Corrective Service Diskette (CSD) level
- Problem Description (typed, not hand written)

Additional information on customer reported problems can be obtained from your remarketer/distributor or IBM.

Marketing Support

Promotional Material

Brochures and promotional materials are being prepared for the ARTour product family. They will be referenced in INEWS, MKTTOOLS and the ARTour Web site at URL: http://www.networking.ibm.com/artour

Education Support

There is no educational support planned for this product.

HONE Information

Configurator Information

The following configurator aids will be updated to support this announcement:

```
        Configurator Aid     Date Available
        ----------------     --------------

        CFSW                 02/18/97
```

This support will be provided on ELINK and EHONE and will be available to customers eligible to use IBMLINK.

Installation Information

Field Support

Field Support is provided through HONE/QUESTION (QA).

Direct Customer Support

Fee Support is provided through the IBM AIX Support Line and (for clients) by the IBM Personal Systems Support Line. For more information please contact the corresponding Support Center in your country.

Early Support Program

No.

Professional and Technical Services

Services providing for the installation, implementation and/or integration of this product are available from IBM. Services to be defined with Country Services Organisation.

Administrative Information

Special Bid Requests

Requests for Special Bid Offerings should be directed through the Country SBO Organization. Contact the Country SBO Manager for further information.

Ordering Information

Refer to SWORDERINFO and CFSW on HONE.

Orders require the program number and the appropriate media and charge feature codes for the Program Packages and Use Authorizations (see HONE for actual feature codes).

For the ARTour Gateway program charges are based on the number of registered users. The total number of ARTour Mobile Clients (any combination of 5639-B82 and 5639-B83) should not exceed this number.

IBM ARTour Gateway for AIX V3R1 (5765-C17)

To order, specify the program number, the appropriate media feature for the Program Package, the Use Authorization for the program, and the Use Authorizations for the number of registered users.

```
Program     Order Type           Medium    Charge
Number                           Feature   Feature
---------   -------------------  -------   -------
5765-C17    Program Package      4-mm Tape
5765-C17    Program Package      8-mm Tape
5765-C17    Use Authorization              OTC (Gateway)
5765-C17    Use Authorization              OTC (Registered User)
```

IBM ARTour Mobile Clients

- IBM ARTour Mobile Client for OS/2 V3R1 (5639-B82)
- IBM ARTour Mobile Client for Windows V3R1 (5639-B83)

To order a basic license, specify the program number, appropriate media feature for the Program Package and the one time charge feature (1 Use Authorization included).

To order separate Use Authorisations specify the program number, the charge feature code, and the appropriate quantity.

```
Type-Model  Order Type           Medium    Charge
Number      Description          Feature   Feature
---------   -------------------  -------   -------
5639-B82    Program Package      3.5"Dsk   OTC
5639-B82    Use Authorization              OTC

5639-B83    Program Package      3.5"Dsk   OTC
5639-B83    Use Authorization              OTC
```

Order Control Codes

- Program Name: IBM ARTour Gateway for AIX V3R1
- Program Type: 5765
- Program Model: C17
- Function Class Code: 7222
- Product Identity Code: 5
- Division: Software Solutions Division
- Industry Definition Categories: 14
- Integrated Product No

- ALP/IPLA:
   IPLA

- Program Name: IBM ARTour Mobile Client for OS/2 V3R1
- Program Type: 5639
- Program Model: B82
- Function Class Code: 7222
- Product Identity Code: 5
- Division: Software Solutions Division
- Industry Definition Categories: 14
- Integrated Product No

- ALP/IPLA:
   IPLA

- Program Name: IBM ARTour Mobile Client for Windows V3R1
- Program Type: 5639
- Program Model: B83
- Function Class Code: 7222
- Product Identity Code: 5
- Division: Software Solutions Division
- Industry Definition Categories: 14
- Integrated Product No

- ALP/IPLA:
   IPLA

```
EMEA Marketing Brand Code:    G
EMEA Marketing Brand Manager:  Daniel Gaborit  (GABORIT at LGEPROFS)
```

Programming RPQs

Requests will be accepted beginning on the first customer shipment date. Response time and delivery vary depending on the complexity of the order.

+ Registered trademark of Microsoft Corporation

** Other trademarks and registered trademarks are the properties
  of their respective owners.

EMEA Pricing Statement

Consult your pricing organisation for pricing information regarding this announcement.

International Volume Offering

None of the product(s) in this announcement letter is/are eligible for the International Volume Offering (IVO) Exhibit.

Terms and Conditions for Remarketers

Available to IBM Business Partners acting as Remarketers for IBM Networking Products (Base) under the terms of the Business Partner Agreement.

Warranty

Available to IBM Business Partners acting as Remarketers for IBM RISC System/600 under the terms of the Business Partner Agreement.

Update to the Summary of product related Terms and Conditions applicable to IBM Remarketers for IBM Networking Products (Base) IBM RISC Systems/6000

This program is added to the list of Category 2 - IBM Program Packages specified under entry number 3 (Programs and Categories).

Program Services

Program Services not applicable.

Terms and Conditions for Industrial Integrators

Available to Industrial Integrators under the terms of the agreement for supply of IBM products to Industrial Integrators.

Summary of product related Terms and Conditions applicable to IBM Networking Products (Base)   under the Industrial Integrator Offering

This program is added to the list of Category 2A-IBM Program Packages specified under entry number 3 (Programs and Categories).

Announcement Countries

All European, Middle Eastern and African Countries.

IBM Announcement Letter No. ZP97-0192 dated February 18, 1997.

See final section for details of availability and limitations, if applicable.

Title

IBM ARTour Gateway Extends Corporate Data Network to Mobile Workforce

Overview

The IBM ARTour Gateway and Mobile Clients provide cost-effective, secure access to corporate data networks that can greatly increase the productivity of your mobile workforce "Anytime, Anyplace". The IBM ARTour Gateway and Mobile Client extend your corporate data network to your mobile workforce by providing:

- A standard communications interface (TCP/IP) to a variety of wireless and dial protocols

- Highly optimized and secure access to existing applications

The IBM ARTour Gateway and Mobile Client are part of IBM's family of mobile communication products, which also includes the ARTour Emulator Express and the ARTour Web Express products.

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/IP, 3270/5250, Internet, and intranet applications is provided by the ARTour family of products.

Key Prerequisites

ARTour Gateway for AIX requires either AIX V3R2.5 or AIX V4R1.4, or later, or AIX V4R2

ARTour Mobile Client for OS/2 requires IBM OS/2 Warp, IBM Warp Connect, or IBM OS/2 V4R0

ARTour Mobile Client for Windows+ requires Microsoft Windows V3R1 or V3R11 or Windows for Workgroups V3R11 or Windows 95

In addition, the ARTour Mobile client requires TCP/IP

At a Glance

The IBM ARTour Gateway and Mobile Client provide a mobile workforce with optimized access to their corporate data network. Key features include:

- Standard application interface through TCP/IP or UDP/IP

- Multiprotocol support for wireless and dial networks through a single ARTour gateway

- Cost-effective data transfer derived from TCP/IP header reduction, data compression, and packet filtering

- Security via encryption and 2-party authentication

- Standard SNMP Network Management interface

- Optimized 3270/5250 application support when used with the IBM ARTour Emulator Express Server and Client

- Optimized Internet and intranet support when used with the IBM ARTour Web Express Server and Client

Planned Availability Date: February 21, 1997

See the complete letter for National Language Availability.

Description

IBM ARTour

IBM provides the ARTour family of software products to meet today's need to make information available to mobile workers over a wide variety of wireless and dial networks without rewriting existing applications. This family of modular servers and clients includes:

- IBM ARTour Gateway and Mobile Client

- IBM ARTour Emulator Express Server and Client

- IBM ARTour Web Express Server and Client

Together these products provide the widest range of optimized wireless and dial protocol support through standard programming interfaces to existing applications. For announcement materials related to the other ARTour products, refer to Programming Announcement letter ZP97-0191 dated February 18, 1997. Information is also available on the ARTour Web site at URL:

> http://www.networking.ibm.com/artour

ARTour Gateway and Mobile Client

The ARTour Gateway and Mobile Client were designed as an open system that enables Internet Protocol (IP) applications to be accessed over either a wireless or wired network. This access is integrated under a standard interface layer that shields all radio network-specific details from the user application, thus providing the communication link between the mobile client and the customer's existing wireline network. Consequently, the ARTour Gateway and Mobile Client protect the customer's investment in existing applications while giving them the freedom to enhance the productivity of their mobile workforce by expanding the reach of their existing (LAN or WAN) TCP/IP network. One ARTour Gateway supports multiple packet radio, analog, and digital cellular network protocols, enabling the customer to choose the appropriate networks for geographical coverage and application characteristics. In addition, the ARTour Gateway and Mobile Client provide various data optimization features to reduce the on-going usage costs of wireless networks. The customer's corporate resources are protected via user authentication and data encryption.

The ARTour Gateway and Mobile Client are designed to work in a standalone environment or with the other ARTour products to add optimized access to 3270, 5250, and/or HTTP applications.

Product Characteristics

Multiprotocol Support: The ARTour Gateway in conjunction with the ARTour Mobile Client allows mobile workers to access their companies' computer and network resources over any of the following:

- DATATAC (4000,5000,6000) - The connection from the DataTAC network can be either X.25 or TCP/IP.

- Motorola Private Mobile Radio (RNC3000)

- Mobitex - The connection from the Mobitex network is X.25

- Global System for Mobile Telecommunications (GSM) - The connection from the GSM network can be either PSTN or ISDN.

- Personal Communication System (PCS) 1900

- Advanced Mobile Phone System (AMPS)

- Public Switch Telephone Network (PSTN)

One ARTour Gateway can support one or more of the above network types.

Standard IP Application Interface

- No proprietary application interface

- Run existing applications

Cost Effective Data Transfer

- TCP/IP Header Reduction

- Data Compression (user option)

- Packet Filtering (user option) to block specific packet types from being transmitted.

Security

- 2-party authentication to prevent unauthorized access (user option)

- Data Encryption to protect from eavesdropping (user option)

Network Management

- Network Configuration via AIX Systems Management Information Tool (SMIT)

- Network Management via SNMP interface to AIX Netview/6000 or TME 10

Reference Information

+ Registered trademark of Microsoft Corporation

** Other trademarks and registered trademarks are the properties of
   their respective owners.

Program Number

```
Program                              Program
Name                                 Number
----------------------------         -----------
IBM ARTour Gateway for AIX
Version 3, Release 1 (V3R1)             5765-C17
```

```
IBM ARTour Mobile Client OS/2 V3R1          5639-B82
IBM ARTour Mobile Client for Windows+ V3R1  5639-B83
```

Availability of National Languages

CLIENTS

```
  Description           Availability Date   Countries
-----------------       -----------------   ---------

ARTour Mobile Client    TBD                 France
for OS/2 V3R1

ARTour Mobile Client    02/21/97            Germany
for OS/2 V3R1

ARTour Mobile Client    02/21/97            Spain
for OS/2 V3R1

ARTour Mobile Client    02/21/97            Czech
for OS/2 V3R1

ARTour Mobile Client    02/21/97            Poland
for OS/2 V3R1

ARTour Mobile Client    02/21/97            Hungary
for OS/2 V3R1

ARTour Mobile Client    TBD                 France
for Windows V3R1

ARTour Mobile Client    02/21/97            Germany
for Windows V3R1

ARTour Mobile Client    02/21/97            Spain
for Windows V3R1

ARTour Mobile Client    02/21/97            Czech
for Windows V3R1

ARTour Mobile Client    02/21/97            Poland
for Windows V3R1

ARTour Mobile Client    02/21/97            Hungary
for Windows V3R1
```

GATEWAY

```
ARTour Gateway          TBD                 France
for AIX V3R1

ARTour Gateway          05/23/97            Germany
for AIX V3R1
```

4

Supplemental Information

Publications

The following publications can be ordered for a fee after product availability:

```
        Title                        Order Number
---------------------                ------------
ARTour Mobile Communications            GC31-8294
    Technical Overview
ARTour Mobile Communications            GC31-8297
    System Guide
ARTour Mobile Communications            G325-6594
    Installing the OS/2 Client
ARTour Mobile Communications            G325-6595
    Installing the Windows 3.1 Client
ARTour Mobile Communications            G325-6596
    Installing the Windows 95 Client
```

Technical Information

Specified Operating Environment

Hardware Requirements: ARTour Gateway

IBM ARTour Gateway for AIX, V3R1 runs on all RISC System/6000, Power PC, and SP2 systems that support AIX V3R2.5 or V4R1.4 and later or V4R2 and later.

If you are connecting to any of the following networks, an IBM X.25 coprocessor card is required: DataTAC-SCR, Mobitex, Modacom-SCR. For MCA-bus RS/6000 machines, the IBM X.25 interface Co-processor/2 card is used. For ISA-bus RS/6000 machines, the IBM X.25 interface Co-processor/1 card is used.

If you are connecting to a circuit switched cellular network using RS232 communication (eg. PSTN,GSM,AMPS) an asynchronous adapter and modem are required.

If you are connecting to a GSM-ISDN network, a Diehl Basic Rate ISDN adapter and NetCS netISDN BP software package is required:

- For MCA-bus RS/6000 machines, the Diehl SCOM/2 adapter is used

- For ISA-bus RS/6000 machines, the Diehl SCOM adapter is used

If you intend 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 DataTAC-TCP or RNC3000 network, see your network provider for hardware requirements.

An adapter is required to connect the ARTour Gateway to the IP network (for example, Ethernet or Token Ring)

ARTour Mobile Clients

- A mobile computer with sufficient resources to run prerequisite software

- A modem to support the selected network

Software Requirements: **ARTour Gateway for AIX** requires one of the following AIX configurations.

- AIX V3R2.5
    - Base operating system
    - Base operating system Extensions 1
    - Base operating system Extensions 2
    - Base operating system Network Facilities
    - Base system Locales
    - Base system Messages
    - PTF U441327 (in order to use the installp utility to install ARTour
- AIX V4R1.4.0 and later
    - Base operating system
    - TCP/IP Server
    - AIXLink V1R1.3.0 (if you are using an X.25 adapter)
- AIX V4R2 and later
    - Base operating system
    - TCP/IP Server
    - AIXLink V1R1.3.0 (if you are using an X.25 adapter)

In addition, if you want to use ARTour network management, you must have Netview for AIX V3R1.2 or higher and its prerequisites.

ARTour Mobile Client for OS/2 requires one of the following:

- IBM OS/2 Warp
- IBM Warp Connect
- IBM OS/2 V4R0

    and one of the following:

- Internet Access Kit from the Warp Bonus Pak
- IBM TCP/IP V2R1
- IBM TCP/IP V3R0 (included in Warp Connect)
- IBM TCP/IP V5R0 (included in OS/2 V4R0)

ARTour Mobile Client for Windowsrequires one of the following:

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

and a TCP/IP stack that supports an NDIS 2 driver interface.

Compatibility

IBM ARTour Gateway and Mobile clients are compatible with:

- IBM ARTour Emulator Express Server for AIX (5799-QRF)
- IBM ARTour Emulator Express Server for OS/2 (5799-QRG)
- IBM ARTour Emulator Express Client for Windows (5799-QWQ)
- IBM ARTour Emulator Express Client for OS/2 (5799-QTW)

- IBM ARTour Web Express Server for AIX V1R1 (5765-C18)
- IBM ARTour Web Express Server for OS/2 V1R1 (5639-B84)
- IBM ARTour Web Express Client for Windows V1R1 (5639-B87)
- IBM ARTour Web Express Client for Windows 95 V1R1 (5639-B86)
- IBM ARTour Web Express Client for OS/2 V1R1 (5639-B85)

Performance Considerations

The performance of the IBM ARTour Gateway for AIX V3R1 can be affected by many different variables, some of which can be tuned with program parameters and some of which are external to the Gateway, for example:

- Wireless network characteristics

- Number of users and concurrent sessions

- Type of applications

- RAS and/or trace activity

For information on the parameters that affect performance, refer to ARTour Mobile Communications System Guide (GC31-8297).

Planning Information

Packaging

Entitled Documentation is provided with the products.

The IBM ARTour Gateway is available on either 4-mm or 8-mm tape. The program package includes a hardcopy of the ARTour Mobile Communications Technical Overview (CG31-8294) and the ARTour Mobile Communications System Guide (CG31-8297)

The IBM ARTour Mobile clients are available on 3.5-inch diskette only. The program package for 5639-B82 includes a hardcopy of ARTour Mobile Communications Installing the OS/2 Client (G325-6594). The program package for 5639-B83 includes a hardcopy of ARTour Mobile Communications Installing the Windows 3.1 Client (G325-6595) and ARTout Mobile Communications Installing the Windows 95 Client (G325-6596).

Security, Auditability and Control

ARTour Gateway for AIX uses the security and auditability features of the AIX operating system.

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

Ordering Information

Consult your IBM Marketing Representative.

Professional & Technical Services

Services providing for the efficient installation, implementation and/or integration of this product are available from IBM as either standard or customised offerings.
Contact your Marketing Representative for the full scope of the available services.

Charges, Terms & Conditions for IPLA Program Package

Consult your IBM Marketing Representative for the following applicable charges:

- Use Based One Time Charge

Terms and Conditions

This Licensed Program is subject to the provisions of the IBM International Program License Agreement, a copy of which is contained in the program package.

The terms of the International Program License Agreement allow use on only one machine at any one time for each license granted.

License Information

This section should be read in conjunction with the following two sections on Warranty and Program Services.

These are the additional terms referred to in the International Program License Agreement (IPLA).

This License is for IBM ARTour Gateway for AIX Version 3R1 for use only on RISC System/6000, Power PC and SP2 systems that support AIX V3R2.5 or V4R1.4 and later or V4R2 and later.

Your Proof of Entitlement document from IBM will identify the feature purchased.

Warranty

IBM standard warranty of media. Warranty period 3 months (or the period required by local legislation, if greater).

Program Services

Central Service through mail or fax will be provided by IBM until February 27, 1999.

Additional fee support will be provided through the IBM Support Line and Country specific service offerings. Please contact IBM for further information on what is available in your Country.

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Customer information needed when submitting a problem:

- Address and contact name
- Current maintenance/Corrective Service Diskette (CSD) level
- Problem Description (typed, not hand written)

Additional information on customer reported problems can be obtained from your remarketer/distributor or IBM.

Educational Allowance

Educational Allowance is not applicable.

Education Software Allowance Program is not applicable.

Announcement Countries

All European, Middle Eastern and African Countries.

The data in this letter is subject to the disclaimer in Letter ZS90-0112, which is available from IBM on request.

Please note this is an international announcement letter. If applicable you should also refer to your local country complementary document to check for country specific information.

************ End of Document ************