IBM

ARTour Emulator Express

Extends legacy applications to the wireless environment

Provides optimized 3270 and 5250 emulation

Minimizes data traffic to reduce transmission costs and optimize response times

Provides support for multiple wireless and cellular networks Compatible with popular emulators

Extend your corporate network

With workers on the go, connected to their home bases only by portable computers, wireless data communication is taking off.   Now IBM offers you a solution that lets you seamlessly extend your existing legacy applications to mobile employees over wireless networks. ARTour Emulator Express, part of IBM's ARTour product family, lets organizations take their mobile solutions one step further to provide better customer service and make employees more productive.

ARTour Emulator Express enables existing applications written for host legacy systems to run in a wireless environment, with minimal changes to the existing IS infrastructure.

By supporting standard emulators, ARTour Emulator Express provides the familiar screens and commands that in-office workers would use if directly connected to the enterprise network. The mobile worker perceives the same accessibility and ease-of-use when working from a portable computer with a wireless modem in the field, as he would experience with a hard-wired connection back at the office. This is a vast improvement over previous wireless solutions which require the applications to be rewritten to match the interface of the wireless data network.

In conjunction with the ARTour Gateway, ARTour Emulator Express not only shields the application from the network, it also allows use of multiple radio and cellular networks, a key advantage for organizations that need to operate over more than one wireless network due to geographical or hardware constraints.

How Emulator Express works

ARTour Emulator Express is based on a client/server architecture with two components: the Emulator Express Client and the Emulator Express Server. The Client is installed on the user's mobile computer and communicates with the Server. The Emulator Express Client optimizes the DataStream of a 3270 or 5250 session. The emulator appearance is resident on the client end. The server connects to the host and communicates with clients over wireless or dial-up connections. The Emulator Express Server is connected to the network or directly to the enterprise LAN or WAN.

The software is designed to provide efficient access to existing mainframe applications from a wireless, client/server environment. Throughput is enhanced by intercepting the session on the client, reducing the data, then faithfully restoring the data after it travels across the wireless network. The restored data is then sent on to the enterprise host. This cuts down on data traffic by up to 50 percent which improves response time and can lower costs.

Gain a competitive edge with improved responsiveness

ARTour Emulator Express increases work force productivity and gives users a competitive edge in the marketplace. A sales representative who can immediately access information vital to clinching a sale while in the customer's office knows the value of wireless data communications, as does a public safety officer who can make accurate decisions in the field based on data instantly available from a wireless computer in his emergency vehicle.

The client/server architecture of ARTour hides the complexities of the wireless data network. The caching, compression and differencing algorithms improve response time and reduce data traffic which can provide significant operational cost-savings.
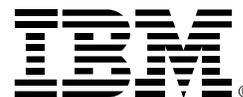
The ARTour Family

In addition to Emulator Express, the ARTour family includes other products designed to enable and optimize application solutions for the mobile environment:

- *ARTour Gateway and Mobile Client*—IBM's communications middleware enables and simplifies management and support of applications in the mobile environment. Based on a client/server architecture, ARTour features two components. The ARTour Mobile Client resides on the user's mobile computer and communicates with the ARTour Gateway, which uses a common interface to integrate communications from various mobile networks and provides the link to the enterprise network. All data from the ARTour Mobile Client is sent via wireless or dial up networks to the ARTour Gateway. The ARTour Mobile Client runs on any personal computer running Windows 3.1, Windows 95 or OS/2.

- *ARTour Web Express*—Provides cost-effective and responsive access to intranet and Internet applications, using the browser of your choice, without requiring application changes.

- *ARTour International Language Support*—In addition to English, ARTour supports 11 languages and Kanji characters, making it the first global wireless communications solution.

For more information

If you'd like more information about the ARTour family of products, contact your IBM representative, or call 1-800-735-7638. To learn more about IBM's mobile offerings visit our Home Page at http://www.software.ibm.com/mobile.

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