

Information when you need it, where you need it!



ARTour Web Express

Highlights

Access to the Internet and World Wide Web over wireless and cellular networks

Works great for companies deploying forms-based applications to mobile workers

Processes Web requests in the background while mobile users perform other computer tasks

Allows Web page downloads to be stored locally for off-line access to reduce wireless network connect-time charges

Enables web transactions to be prepared off-line to reduce connect-time expense

Features cost-efficient queuing, caching, image intercept data compression and differencing

Reduces data traffic by 70 to 95 percent

As use of the Internet and World Wide Web skyrockets, mobile computer users need convenient access to these resources, also, and often need to connect wirelessly. IBM offers ARTour Web Express, an addition to its ARTour product family that provides mobile users cost-efficient, wireless access to the Internet, corporate intranets and the World Wide Web.

A breakthrough in wireless Web access

Ideal for companies using Internet services or maintaining corporate intranets to distribute data and applications, ARTour Web Express extends access wirelessly to mobile users. The software is built on IBM's ARTour middleware solution for affordably and seamlessly enabling standard network applications for wireless use, without complex reprogramming. Being able to deliver wireless access to intranet and Web-based servers offers limitless opportunities for affordable, industry-specific solutions such as field service or public safety.

How ARTour Web Express works

ARTour Web Express is an enhancement software package to IBM's ARTour client/server middleware which supports wireless TCP/IP connections from any location. Mobile users can run existing IP-based wireline network applications over wireless radio frequency and cellular networks, without software modifications. This greatly reduces the cost, complexity and amount of time required for companies to deploy wireless mobile computing solutions. Mobile users have access to the same data and applications as if they were working in the office, connected directly to the enterprise LAN.

ARTour Web Express consists of a client and a server, which can reside on the same system as the corporation's Web server. The ARTour Web Express Client intercepts browser requests and forwards only the minimum information required to the ARTour Web Express Server. It, in turn, intercepts Web server responses and provides corresponding data reductions and other methods to reduce the cost of wireless Web access and increase the reliability and speed of low-bandwidth connections.

Reduces network traffic and improves response time

Operating with leading Web browsers, ARTour Web Express works to reduce network traffic and improve response time of data transfers, making wireless Internet connectivity cost-efficient. Queuing, caching, data reduction and differencing results in sending only changed data, not static screen information to improve transmission times. ARTour Web Express also features a 'disconnect' mode, in which mobile users can prepare responses to web forms and other requests off-line before sending, keeping network connection charges to a minimum.

For accessing Web pages, ARTour Web Express also includes a unique 'background download' capability. This allows mobile users to continue other browser tasks while the selected Web pages are being downloaded. ARTour Web Express notifies the user when the download has been completed. This is a significant productivity enhancement for the end user.

In addition to wireless access over radio frequency and cellular networks, ARTour Web Express works over standard telephone lines with the same advantages.

Making mobile computer users more productive

Designed for corporations that use Web pages to distribute information or applications to users, ARTour Web Express is useful for the retail, insurance, transportation, financial services, mortgage lending and other industries. Virtually any enterprise with a mobile workforce using laptop or notebook computers that need wireless, Internet access can benefit from ARTour Web Express. Critical enterprise data and applications can be distributed to mobile workers wirelessly wherever and whenever they need it to be more productive in their jobs.

The ARTour Family

In addition to ARTour Web 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. Data from the ARTour Mobile Client is sent via wireless

and/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 personal computer.

- *ARTour Emulator Express*—Provides efficient and optimized access to 3270 and 5250 applications without programming modifications.
- *ARTour 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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2-97
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