

NETWORLD[®]+INTEROP[®]94

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THE SUMMIT
For Network and Computing Professionals

MAY 2-6, LAS VEGAS CONVENTION CENTER

GENERAL CONFERENCE

Wednesday, May 4

C 3 Wednesday 10:30 am-noon

Mobile Data ApplicationsBrice Clark
Hewlett-Packard Company

As the express delivery person hands you your package, within seconds the sender receives acknowledgment that you received it. As the service engineer is driving his route, he receives an emergency call that a network hub of a major company has failed. By the time he arrives on site, he has service information on the specific hub and possible diagnostics. As you listen to this session, your handheld computer vibrates in your pocket—you have an important e-mail from your boss or your wife has started labor. In this session, learn about the vertical and horizontal applications that will make us wonder how we ever got along without wireless networks.

C 10 Wednesday 1:30 pm-3:00 pm

Mobile Data Communications NetworksDewayne Hendricks
Tetherless Access Ltd.

This session describes the mobile data networks that are now being expanded to serve our increasingly mobile work force. Hear from leaders in the industry such as ARDIS, RAM and CDPD. In this session, speakers will describe the wide area networking technologies used to build a mobile data network, and the challenges in meeting both vertical applications as well as horizontal applications. Form an understanding of how these networks will work together to meet our evolving wide area wireless networking needs.

C 19 Wednesday 3:30 pm-5:00 pm

In Perspective: An Enterprise Perspective into Wireless NetworksDr. Rifaat A. Dayem
Altamont Research

What will make wireless networking a reality? What are the problems that have to be solved to reap its potential benefits? In this session, the speaker first looks at both horizontal and vertical applications for wireless networking. He then discusses the technologies that are needed to make it a reality, including software, operating systems, server platforms and

wireless networks. The speaker examines the challenges in the areas of health concerns, available capacity and security. Next, he'll draw a map that ties together the major activities of wireless networking, and show where all the present products and services fall. In closing, he will discuss the future of this exciting area.

Thursday, May 5

C 27 Thursday 10:30 am-noon

Are Wireless LANs Secure?Peter Rysavy
Rysavy and Associates

Wireless devices promise to free us from the plug and the wire, but what about security? Anyone around the office or, worse yet, in the parking lot in a van can listen in to private information and maybe even trade secrets. What are the vendors of wireless LAN equipment doing to address this issue? What are the standards committees such as 802.11 planning to insure the security of future wireless LANs? Will the solutions be attractive and economical so we will actually use them, or will they be cumbersome and expensive, and run down precious battery life? Speakers in this session address the key issues behind security of wireless LANs.

C 43 Thursday 3:30 pm-5:00 pm

Wireless LANs for Mobility in the OfficeDavid Strom
David Strom Inc.

What role will wireless LANs play in the office? We will define the various solutions available, from in-room connections to networks that span campuses. What are the needs of desktop devices and portable devices? What technologies will meet those needs? When will this technology be available on multiple client platforms? Will this technology be reliable enough for ordinary office users? In this session, hear about the present and future applications of wireless LANs for both desktop workstations as well as notebook and handheld computers. Learn about the technologies available to meet those needs, and you will be able to determine when this emerging technology will be widely available to provide true mobility in the office.

Friday, May 6

C 51 Friday 10:30 am-noon

The Future of High-Speed Wireless NetworksRobert Egan
Digital Equipment Corporation

If wireless networking is to become pervasive in the future, it too will have to support a broad range of services such as voice, data and video at speeds comparable to that of its cable-based cousins. Speakers in this session discuss the outlook for high-speed wireless communications, including the prospects for wireless ATM networks.

C 60 Friday 1:30 pm-3:00 pm

Some of the Magic Behind Mobile ComputingMark Cummings
SRI International

They've been called by many names: personal digital assistants (PDAs), information appliances (IAs), personal communicators. What are they really? Do we need them? How do they differ? No matter what they are called, what gives them their personality is the operating system. Companies like GO, EO, General Magic and Apple have been creating personalities! In this session, speakers provide an overview of the devices, and describe the ability of the operating system to give them their particular character. Learn how the operating system can provide an environment that is ready for mobile computing application writers, an environment that deals transparently with complex underlying communications options, an environment that provides interoperability with existing networks, an environment that is aware of future wireless networks.

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