

Enterprise Solutions



Editor's Note

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Editor

Smartphone & Pocket PC Enterprise Solutions

Each time I prepare the Enterprise section for an issue of this magazine, I'm fascinated by the myriad of uses these devices have been put to.

This month, we offer a roundup of the ruggedized Windows Mobile world. As Conrad Blickenstorfer notes in his sidebar to the roundup, the ruggedized niche is on the cutting edge of Pocket PC development. These devices grab attention because they are built to withstand the most extreme environments and incorporate the latest technology.

All too frequently, we read horror stories about the theft of a computer or hard drive containing vital, confidential information. That's why security is a top priority and companies are interested in products like the Credant Mobile Guardian Enterprise Edition, which is reviewed in this issue by Darryl Burling. The Credant software is not only for Windows Mobile devices, but also for desktop and laptop PCs. IT departments find that appealing because they don't have to deploy separate solutions for their different computer platforms.

Chris Tilley has an interesting article on the anti-virus characteristics of Windows CE (the core of the Windows Mobile OS). Through design (and some luck), Windows Mobile devices haven't been plagued by the viruses that threaten desktop and laptop computers.

The cellular industry is a confusing jumble of new technologies and mysterious acronyms. Chris De Herrera offers a basic primer that helps us sort all this out so we can make informed choices about which technology, network, phone, and vendor to go with.

Ruggedized Pocket PCs are popping up everywhere. In fact, the next time you "accidentally" exceed the posted speed limit in Oregon, you might find yourself talking to a policeman wielding a Pocket PC. Gary Dulude tells us about a pilot program in Portland that is putting

Technology

48 **Directions: Cellular Wireless Data Primer**

Untangle the web of acronyms and data standards for Internet access via cellular technology

by Chris De Herrera

54 **Is Windows CE the Ultimate Anti-Virus?**

Windows CE (the basis of the Windows Mobile OS) has some advantages when it comes to virus danger.

by Chris Tilley

Applications

50 **Portland Police Use Mobile Ticketing Software and Rugged Pocket PCs to Write Traffic Tickets**

When you get a speeding ticket in some locales, the office may be using a Pocket PC to handle the entire process.

by Gary Dulude

rugged Pocket PCs in the hands of traffic officers.

Finally, Brian Nantz tells us what we need to know about using databases in Windows Mobile software. It turns out the databases are integral to the operation of almost every category of software, and there is a bewildering array of choices. Brian helps developers sort them out. ■

Reviews

56 **"Humvees" of the Windows Mobile World!**

When the going gets rough, these Pocket PCs keep going.

by Duncan H. Brown

60 **Bringing Military-Grade Security to Mobile Computing Enterprises**

This extensive security suite will help protect your data from a range of dangers.

by Darryl Burling

Development

65 **Databases: A Critical Part of Windows Mobile Software Development**

How do you select which database to incorporate in the Windows Mobile software you're developing? Here's information to help you with this decision.

by Brian Nantz