

## U.S. Department of Defense

### U.S. Department of Defense Increases Security with Wireless Mobile Device-Enabled Solution

#### CASE STUDY

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*The United States Department of Defense has been able to improve security at installations worldwide by implementing a perimeter security solution built on the Microsoft Windows Mobile software for Pocket PCs. The solution dramatically increases reliability of identification, reduces the time required to disseminate access rights changes, and gives security personnel the mobility and the information they need to secure installations in the face of increased security concerns.*

#### Situation

Since the September 11 terrorist attacks, government organizations and businesses worldwide have faced increasing concerns over security and safety. To decrease the potential for entry by persons carrying false identification, the United States Department of Defense (DOD) wanted a perimeter access security system that would allow gate personnel to identify an individual positively, based on previously recorded personal information. In the past, access was granted with only a visual check, comparing the ID photograph with the person seeking entry.

#### Solution

Using Microsoft® Windows Mobile™ software for the Pocket PC, the DOD developed an easy-to-use system capable of identifying people by more than one method, and one that also gives security personnel the freedom to move easily away from the guard structure to the gate or around vehicles and into busses. The system shortens the time required to distribute to every gate changes in access rights—a process that previously could take several days.

#### Benefits

Working with Lowry Computer, the DOD developed a system that helps increase perimeter security by:

“**Pocket PC is becoming a standard device for field data collection and analysis. It was a perfect fit for this situation because it**

- Virtually eliminating the potential for gaining access with falsified identification cards.
- Reducing—from days down to moments—the time required to disseminate to every access

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#### Solution Overview

##### Company

U.S. Department of Defense

##### Customer Profile

The United States Department of Defense (DOD) provides the military forces needed equipment to deter war and to protect the security of the United States.

##### Business Situation

After the September 11 terrorist attacks, the DOD needed a way to increase perimeter security at many installations worldwide. The previous method lacked a data-based way for verifying identities and authorization of individuals seeking access to restricted areas.

##### Solution Description

Working with Lowry Computer, the DOD developed a solution based on the Microsoft® Windows® Powered Pocket PC software, helping the DOD increase perimeter security.

##### Benefits

- Gives security personnel the mobility they need
- Reduces the potential for unauthorized access
- Increases the speed with which changes to access rights can be disseminated to entry points

##### Software and Services

- [Microsoft Pocket PC](#)
- [Microsoft Windows 2000 Server](#)

##### Vertical Industries

Government - Public and Nonprofit Sector

##### Country/Region

United States

**supports the display of uniquely individual proofs of identity.”**

**Steve Lowry**  
Vice President, Lowry Computer

point changes in access rights.

- Providing security personnel with the mobility they require.

- Giving security personnel all the data they need to grant or deny access. The device scans the ID card and displays previously recorded data against which a guard can confirm identity and access rights. Each device has an integrated fingerprint reader that lets the guard compare the fingerprint presented at the access point with the fingerprint recorded at registration.

#### **Audiences**

Business Decision Makers

Says Steve Lowry, Vice President of Lowry Computer, "Pocket PC is becoming a standard device for field data collection and analysis. It was a perfect fit for this situation because it supports the display of uniquely individual proofs of identity."

Employing software that uses familiar development and programming, the DOD will be able to count on making future changes or upgrades easily to their application developed to work with Pocket PC.

***When you're on the go, Windows Mobile provides the freedom to connect with people and information because it's familiar and powerful – helping you to stay in touch and in sync with what matters in your life.***

***For more information on Windows Mobile software go to:***

<http://www.microsoft.com/windowsmobile>

## **For More Information**

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For more information about Lowry Computer Products, call or visit the Web site at:

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For more information about U.S. Department of Defense products and services, call or visit the Web site at:

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