

SECURE SENSITIVE STRING MEMORY WITH .NET

Speaker Stephen Womack

- ▶ What is SecureString
- ▶ Why Use SecureString
- ▶ When to Use SecureString
- ▶ How to Use SecureString
- ▶ Q & A

AGENDA

- ▶ Introduced in .Net 2.0
- ▶ Object that Stores Sensitive Data

WHAT IS SECURESTRING

- ▶ Encryption
- ▶ Mutable
- ▶ Deletion
- ▶ Many Government Agencies Require it
- ▶ Has a text value similar to string

WHY USE SECURESTRING

Slide 4

SLW1

Stephen Womack, 4/27/2015

The SecureString class has no members that **inspect**, **compare**, or **convert** the value of a SecureString. The absence of such members helps protect the value of the instance from accidental or malicious exposure.

WARNING

- ▶ Not for Every String
- ▶ Social Security Number
- ▶ Credit Card Number
- ▶ Bank Account Number
- ▶ Password
- ▶ Medical Info

WHEN TO USE SECURESTRING

Code Example

HOW TO USE SECURESTRING

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QUESTION & ANSWERS

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Presentation:

github.com/stephenwomack/SecureWebApps

THANK YOU!

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