CedeSMS™

Benefits

- Immediate encryption
- Unique encryption
- 10,000 bits encryption
- Shared Key
- Self contained application

Secure SMS Messaging The Easy Way

Recent reports put the cost of data protection failures including investigation, notification, management, compliance and, post-incident surveillance at about £150 per record. It is widely reported that 200+ million records have been compromised or exposed to unmanaged risks in 2008 alone. Companies know that the significant costs of data loss are measured in impact on reputation and brand identity.

Mobile phones form an integral part of a companies data infrastructure. Todate most organisations have overlooked or failed to identify the riskes associated with mobile phones. The exponential growth of the mobile communications market has provided the impetus for the development of 'tools' to intercept mobile communications. The need for businesses to engage in stringent data and protection protocols driven by legislation, demands that company data transmitted to mobile devices must be secure.

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Introducing: CedeSMS

SMS Text Encryption Simplified.

Supported Platform

CedeSMS runs across multiple platforms including Blackberry, Windows Mobile and Symbian/UIQ Series 40/60/80/90 devices. Support for iPhone is in development.

Trusted Contacts Feature

To simplify the use and exchange of multiple passwords, trusted contacts can be set up and authenticated automatically. This enables the use of just one session password for all encrypted SMS text messaging and secures the details of the trusted contacts list from unauthorised access.

Package Delivery

CedeSMS is delivered to the mobile device via an SIS file installed directly to the phone via internet/intranet download, or pre-installed from the service provider.

CyberCede Encryption

CedeSMS encryption is based on the company's primary and proprietary CyberCede algorithm (<=80,128 bits). Encryption works from phone to phone across multiple platforms offering end-to-end security. All users continue to receive unencrypted messages as normal. When an encrypted message is received the CedeSMS application is launched and the user prompted for the passphrase. Due to limitations on portable devices and the inability to send non-printable characters etc. the encryption level of CedeSMS is limited to 7,000 - 10,000 bits.

Sending the same message more than once does not produce the same encrypted data - the encryption routine randomises the function to make the encrypted data unique.

An example of one message's encryption:

The plaintext message:

"Hi John, I've been told that our new release date is 24th June."

The CedeSMS encrypted message (example 1):

NJHDH&H"))HD712hNAPALPz,AAAODjIA#'A821JKA10AZBaqjbz]++)12`1AB SJKS;S

If entered again, the message is (example 2):

FJIE;A;IE999S;;SLDJJGnhG;DAKDLM;b;A;v12JfJ7;AL2359k)+LD987MNSA;24fn#"&E

CedeSMS – effective security made simple.

For more information please visit our web site below:

Requirements:

Blackberry Handset with OS version 4.5 or later.

Windows Mobile Handset with OS version 6.

Symbian/UIQ Handset with OS version 40/60/80/90.

Other CedeSoft Products:

CedeSafe - Real-time hard disc encryption for your files.

CedeTracker - Centralised logging of PC activity and IP traffic.

CedeCom - Secure messaging (IM) and broadcast facility for the enterprise.

CedeCrypt - Military grade file and folder encryption.

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