

BeCrypt and Distributed Management Systems announce fully integrated 'military grade' solution to safeguard confidential data for mobile workers

Submitted by: PR Artistry Limited

Tuesday, 20 January 2009

Press Release

20 January 2009

BeCrypt and Distributed Management Systems announce fully integrated 'military grade' solution to safeguard confidential data for mobile workers

Trusted Client and CASQUE provides secure access solution with strong dual factor optical authentication

BeCrypt, the UK's leading encryption and data security specialist company has teamed up with Distributed Management Systems (DMS) to provide an integrated highly secure solution based on Trusted Client and CASQUE. BeCrypt's Trusted Client provides low-cost, secure remote access to corporate networks so that staff can work safely from an unmanaged PC. DMS's CASQUE is a self-contained methodology for access control covering authentication, authorisation and key management. Combining the two technologies, users can access the portion of data that is relevant for their needs from an unmanaged connected PC without risk of data loss or leakage. Using Trusted Client and CASQUE users can not be accidentally compromised. Both technologies are developed in the UK and address the data handling needs for confidential data, there is also a commercial version of the solution.

Inserting the Trusted Client device into a USB port and re-booting launches a secure environment giving locked down access to predetermined applications only. Trusted Client is fully configurable to each organisation's individual requirements. Unlike other solutions, Trusted Client's innovative use of technology creates a secure environment on the host PC where the hard drive is never accessed, only the PC's memory and processor are used. The hard drive is bypassed so that no data can be leaked and no malware can infect the network. Any data that is saved to Trusted Client is automatically encrypted or Trusted Client can be configured to be a read-only device so that no data can be saved.

Once Trusted Client has established a secure tunnel via the firewall and secure gateway, the CASQUE token is held to the workstation screen to receive an optical encrypted message. A computed response is shown on the token's own display which the user enters into the workstation keyboard. Using this multiple challenge/response protocol, CASQUE can effect a user transparent key change and allows the solution to prevent replay attack, phishing and cloning of the token. After completing the session, the user simply shuts down Trusted Client, no record of the session is left on the temporary host computer.

Basil Philipsz, Managing Director of DMS said, "Developed in the UK, CASQUE is a military-strength, secure remote access solution that not only strongly authenticates the user but also verifies End Client health. By teaming our technology with BeCrypt's Trusted Client, we are able to provide incredibly secure access for remote workers ensuring that confidential information can not be compromised."

Ben Ross, Vice President of Marketing at BeCrypt said: "As organisations look to reduce the overheads

of office based staff, and provide more flexible working facilities, they are faced with the dilemma of how to protect data at the endpoint. We are delighted to be working with DMS and CASQUE to provide this innovative, cost effective and yet rigorous solution to that dilemma. ”

-ends-

NOTES TO EDITORS

About Distributed Management Systems

Distributed Management Systems (DMS) is located to the south west of Blackburn, Lancashire. The company's main product line is CASQUE.

CASQUE is a method and means for providing complete security systems including authentication, key update, key recovery and administration.

CASQUE Systems are administered completely in-house by non-security experts and are capable of providing definable risk assessment and supporting the highest levels of assurance.

For more information please visit: www.casque.co.uk

About BeCrypt

BeCrypt Limited was formed in 2001 to meet the growing demand for high-level computer encryption products in the international government and corporate marketplace. BeCrypt products protect customers in key UK government areas including: central and local government, the defence sector, law enforcement and transportation.

The company now also provides a range of flexible security products tailored to meet the requirements of the commercial sector. BeCrypt has customers in financial services, pharmaceutical, insurance and banking sectors.

BeCrypt's DISK Protect Baseline and DISK Protect Enhanced products have been designed to meet stringent government security standards and have been approved by the UK Government.

BeCrypt's Cryptographic Library has been certified through the Cryptographic Module Validation Program (CMVP) at FIPS 140-2 Level 1. The Cryptographic Library provides support for all of BeCrypt's data security solutions requiring assured cryptographic functionality and services which means that the full range of innovative BeCrypt products are available for the U.S. and Canadian Federal governments and organisations requiring a FIPS compliant solution.

BeCrypt has won an award from the Department of Trade and Industry for innovative technology and has patents pending on a number of unique security technologies.

BeCrypt is a privately owned company based in London with additional offices in Washington, DC.

For more information please visit: www.becrypt.com or call:

Editors contacts

Ben Ross
Vice President of Marketing
BeCrypt Limited
Tel: +44 (0) 845 838 2050
Email: bross@becrypt.com

Andreina West/Mary Phillips
PR Artistry Limited
Tel: +44 (0) 1491 639500
Fax: +44 (0) 1491 638866
email: andreina@pra-ltd.co.uk