

CryptoServer CSP for central security services in Microsoft .NET and Windows 2003 environments

- **Cost-effective protection for distributed Microsoft PKI certificate services via certified hardware security module**

Oberursel, March 18th, 2004 - Utimaco Safeware's CryptoServer hardware security module now has a CSP interface with which it can be used in Microsoft .NET and Windows 2003 environments. The CryptoServer CSP (Cryptographic Service Provider) enables the secure storage of the secret keys produced by Certification Authorities (CAs) based on the Microsoft PKI. In addition, CryptoServer uses the CSP to provide the Microsoft PKI with high-performance cryptography services and algorithms for encryption and digital signature, both locally and on networks. Due to CryptoServer LAN's novel service-oriented design, several Microsoft PKIs and applications on a network can access a single CryptoServer and use the required services on it. This provides cost-effective security and maintenance for certificate services in distributed Microsoft environments.

CryptoServer is an element in the base technologies that are successfully implemented by Utimaco Safeware's Transaction Security division for PKI-based customer projects. The hardware-based security module has been certified by the ZKA (German central credit committee) for use in payment traffic, and also has FIPS 140-2 level 3 certification. CryptoServer's novel design means that it provides not only standard Microsoft CSP functionality, but also a central service for securely storing and applying cryptographic keys.

Utimaco Safeware AG is one of the leading technology manufacturers of professional solutions for IT security. The security technologies and solutions developed by Utimaco Safeware protect electronic values of companies and authorities from unauthorized access and guarantee that business processes and administration procedures are binding and confidential.

The business unit Personal Device Security provides technologies and solutions to guarantee mobile security in the fields of strong authentication, including biometric procedures, encryption and integrity control. The products and solutions secure data in Terminal Server and Citrix environments, on PCs, Laptops and PDAs.