

Secure Operating Environment for Server-based Computing

- **New version of SafeGuard Advanced Security enhances security in Terminal Server and Citrix environments**

Oberursel, 26th May 2003 - The new version 4.1 of Utimaco Safeware's [SafeGuard Advanced Security](#) enables a comprehensive protection in Terminal Server and Citrix MetaFrame systems by a secure authentication and realization of the security guidelines for all clients and servers. The solution equally can be used in mixed environments of thin and thick clients and also on PCs and notebooks and thus offers complete protection in heterogeneous IT systems.

SafeGuard Advanced Security extends the security functions of the operating system and of server-based computing environments by the basic components authentication and integrity protection. Both components each are divided into three modules.

For a secured authentication, the basic module for the two-factor-logon via Smartcard and PIN/finger print is available. Besides, there is the authentication extension module for the strong mutual authentication between workstations and servers and an automatic password administration over the Single Sign On module which can be administrated in a simple way by the wizard and also enables a simple and fast logon to web applications.

The realization of the security guidelines of an organization is guaranteed by a three-dimensional definition of rights for users, applications and data by the Application Specific Access Rights Module. The security system for the integrity protection is completed by the IP Filter Module and the Removable Media Management Module. This enables a secure and flexible administration of removable media which is particularly important when using thick clients or mobile notebooks. The complete administration of SafeGuard Advanced Security is done by Microsoft Active Directory or System Policies.

Susanne Warken, Product Manager of CITRIX Europe, recommends the security solutions of Utimaco Safeware "for both conventional IT architectures and for server-based Citrix MetaFrame environments. By SafeGuard Advanced Security and the encryption solution SafeGuard LAN Crypt, Utimaco Safeware provides innovative security solutions. The SafeGuard products include important and necessary mechanisms for access protection, Smartcards, Single-Sign-On and encryption. They are built in a modular way, scalable and offer a comprehensive security extension."

Further information about SafeGuard Advanced Security can be found under: <http://www.utimaco.com/sgas>

Utimaco Safeware AG Utimaco Safeware AG is one of the leading manufacturers of professional IT security solutions. The security technology and solutions developed by Utimaco Safeware protect the electronic data of companies and government bodies against unauthorized access and guarantee that business processes and administrative procedures in the electronic world 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 at the workstation and in mobile use.