

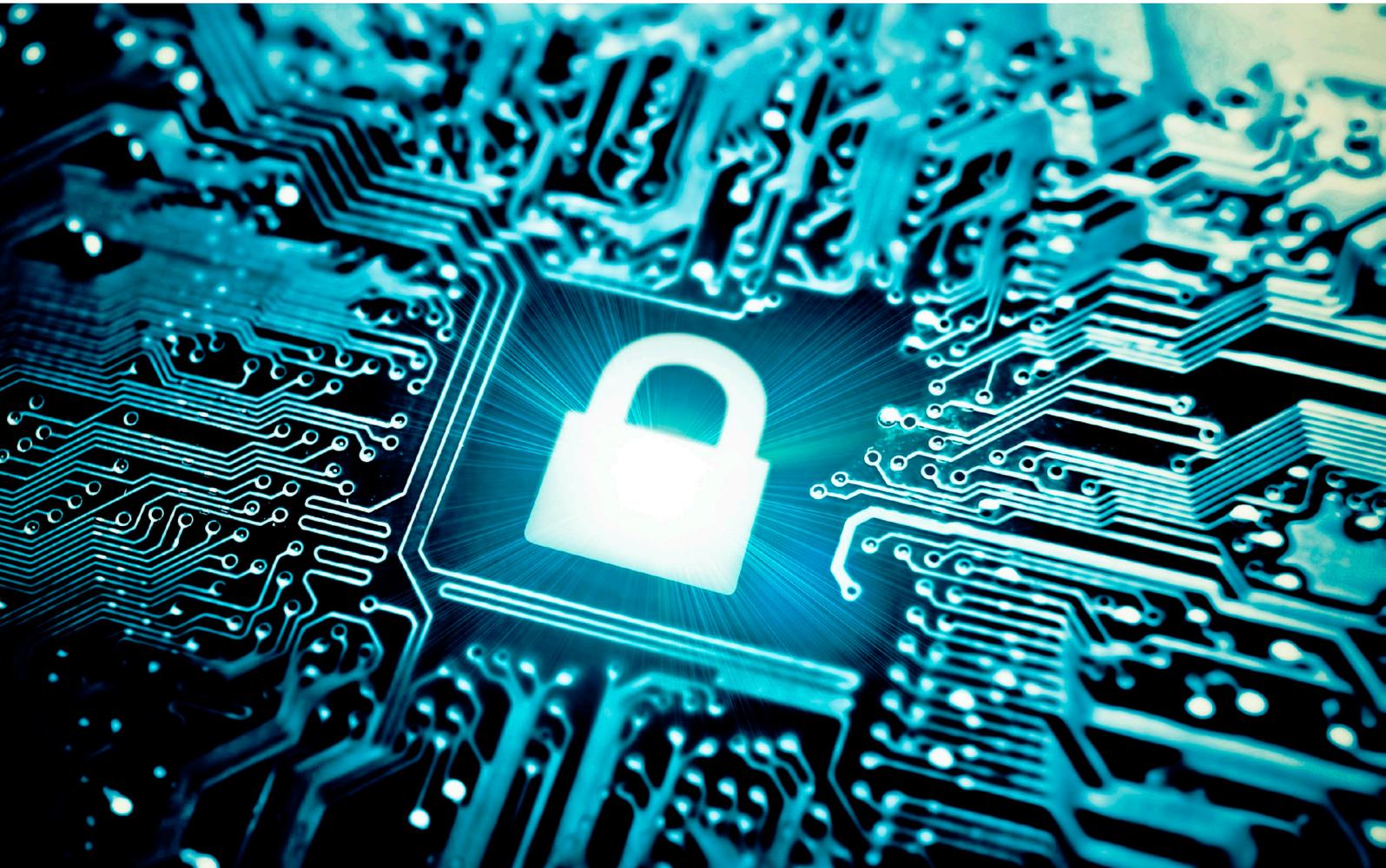


If there's one thing you can rely on,  
it's maximum data security with  
TA Triumph-Adler.

## Modern office communication of today has to be fast, easy and – above all else – secure!

Due to growing transparency as well as continuously accelerating and highly digitised business processes, today there are increasing data security requirements regarding the creation, distribution and archiving of information. Modern means of communication and innovative technical solutions now characterise businesses and significantly contribute to efficiency, making it all the more important to eliminate unauthorised intrusions into the network and to prevent external access to sensitive data. Data protection is also gaining legal significance, providing one more reason

to be mindful of the security of your company's data. We can provide you with comprehensive support thanks to our optional Data Security Kits in line with the international Common Criteria security standard (ISO 15408 EAL3). The solution range from TA Triumph-Adler addresses all levels, from local security features at system level right through to guaranteeing extensive network protection. Whether it's standard integrated security solutions or customised, upgradeable security packages, TA Triumph-Adler is your safe choice for copying, printing, scanning and faxing data.



## Where are the gaps in your armour?

Source documents that are temporarily stored as electronic data on a hard disk or in a temporary memory during copying or scanning remain there until replaced by new data. Ideally, these documents should be permanently overwritten rather than simply deleted in order to eliminate the theoretical possibility of unauthorised data readout.

Highly secure printing specifically involves safeguarding data streams from unauthorised access during their

processing and administration and also protecting archived or temporarily stored print data, for example, in a document box on a hard disk, from being read out without authorisation.

Faxing, however, is a different matter. Data is only exchanged here in the form of compressed image files via the public telephone network. Intrusion into the network and external access to the data are therefore not possible, even in the case of a network fax.

## We support your security concept at both system and network level.

Security always depends on the optimal interaction of all available components. Therefore the security features of TA Triumph-Adler apply to the system itself and, more importantly, they apply at the network level. In this way, the most suitable security requirements can be defined according to the functionality of the systems

in use, for example, fax, printing or scanning functions using a network connection or copying function using the hard disk. However, the success of this approach also fundamentally depends on the company's responsible handling of sensitive data and passwords.

# Active network support:

## Authentication using Windows Server 2012 as an example:

Large companies that use domain servers

Panel:

User name and password



Network authentication: ON

Network authentication:

< Kerberos >



Windows 2012 Server  
(Active Directory Service)



Client PC  
Driver and utility

### Network authentication

Login based on user name and password only

### Embedded web server authentication (Internet access to the system)

- Allows you to set an administrator password
- Access to the Embedded Web Server can also be encrypted

### Support of default network settings, including during scanning (SMB, FTP), through authentication

Increased security for the sending and receiving of emails by restricting the domain (e.g., Testname@DOMAIN.co.uk)

### Security features for printing

- All current network encryptions are supported

### Set-up of a password query in the printer driver for printing and storing print jobs

### Use of a security water mark to label copies of printouts that were created without authorisation

### IP and port filters

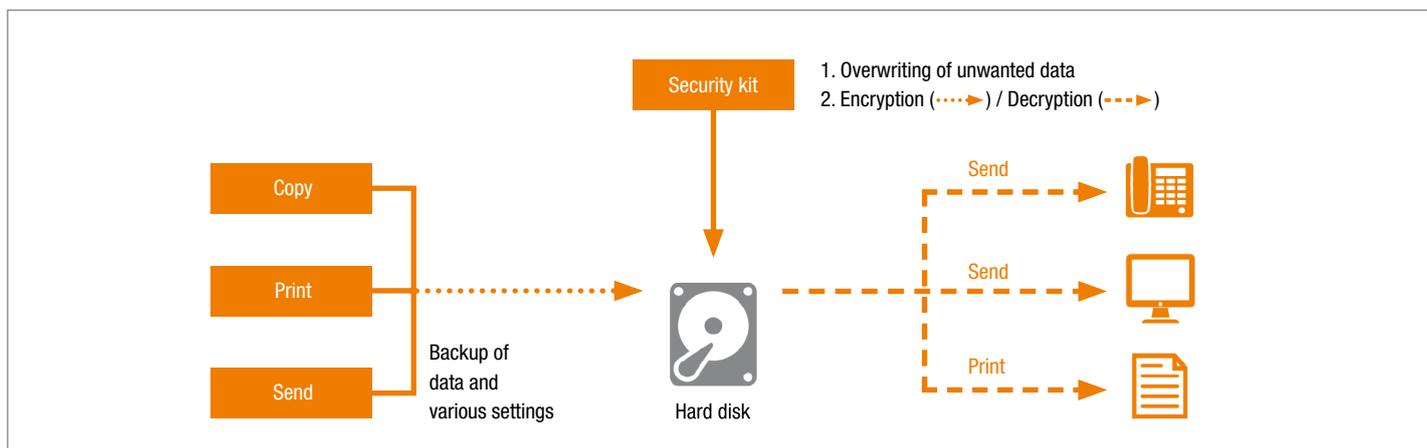
- Allows access to the system using registered IP addresses only

### SSL encryption of the printing

- Prevents readout of data by encrypting the print data stream, including the transmission path



# Security functions available on the system:



## Authentication via password entry

- Protects the system from third-party access
- Also allows procedure control and management code allocation for copying, printing, scanning and faxing

## Repeat copy blocking

- Prevents the repeated printing out of the last copy (or copies) created
- Depending on the system, this is carried out via the system menu or using an optional Data Security Kit

## (Partial) blocking of the display

- Prevents system settings from being changed
- Right of access is thus restricted to the administrator

## Blocking of the USB host

- Stops direct printing of PDFs to and scanning to USB sticks

## Data Security Kit in accordance with the international Common Criteria security standard (ISO 15408 EAL3) for the overwriting and encryption of data

- Automatically encrypts documents and user data before they are stored on a hard disk

- Overwrites data and memory areas that are no longer required and in which data has already been logically deleted
- Renders the restoration of data almost impossible
- Triple overwrite (standard setting): The same area as before is overwritten twice with a random pattern and then filled with zeros

## Encryption and compression of PDF files

- Restricts the opening, printing and editing of PDF files created on the system

## Authentication standard IEEE 802.1X

- This standard supports a port-based authentication
- Only authorised users and devices are able to connect with the network

## Simplified network authentication with the system using optional card systems (as part of ACCOUNTING4WORK)

- Follow2Print: intelligent re-routing of print jobs to individually definable output systems
- SecurePrinting: maximum flexibility through support of various card systems, for instance in conjunction with a central locking system



## Securely prepared

Be it multifunctional systems, printers, copiers or fax machines – all of the systems in your office environment will contribute to securing your information stream and to closing the gaps in the process using our extensive and innovative security functions. Corresponding user security features are actively supported in the network, optimally meeting your

company's need for handling sensitive data and passwords in a responsible manner.

We will be happy to provide you on request with a security white paper, which contains a detailed overview of all standard system configurations and the suitable security options.

## Designing solutions to increase your efficiency.

TA Triumph-Adler has set itself the objective of organising how you handle documents on a daily basis as efficiently as possible. The technical perfection of our products combined with in-depth analyses, comprehensive consultation and subsequent on-site

service support ensure you uninterrupted, productive use of our systems. Thanks to this range of services we are able to provide you with the ideal solution.

TA Triumph-Adler GmbH  
Ohechaussee 235  
22848 Norderstedt, Germany

Tel.: +49 40 52849-0  
Fax: +49 40 52849-120  
info@triumph-adler.de  
www.triumph-adler.com