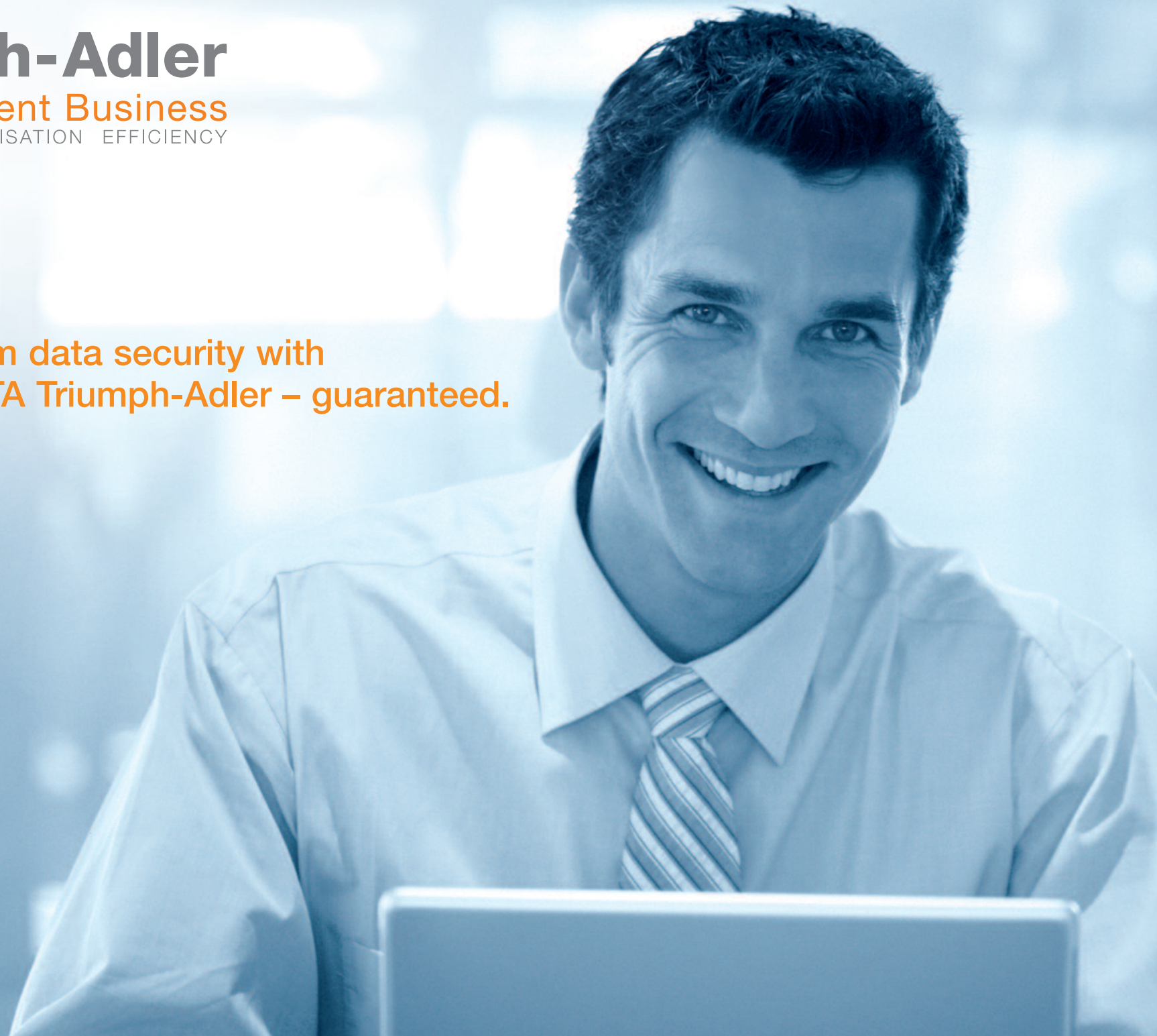


**TA Triumph-Adler**

**The Document Business**

CONSULTING REALISATION EFFICIENCY

**Maximum data security with  
TA Triumph-Adler – guaranteed.**



# TA Triumph-Adler

## The Document Business

CONSULTING REALISATION EFFICIENCY

**Today, modern office communication has to be fast, easy and secure!**

Due to today's growing need for transparency as well as continuously accelerating and highly digitised business processes, the creation, distribution and archiving of information are subject to increasing requirements with regard to data security. Modern business is driven by digital communication and innovative technical solutions, which contribute considerably to efficiency, but also make it especially important to eliminate unauthorised intrusions into the network and to prevent external access to sensitive data. Data protection is also gaining in legal significance, providing one more reason to be mindful of the security of your company's data.

We offer comprehensive support for data security, including optional data security kits that comply with the international security standard, Common Criteria (ISO 15408 EAL3). The TA Triumph-Adler solution range addresses all levels, from local, system-side security features through to guaranteeing extensive network protection. Whether it be standard integrated security solutions or customised, upgradeable security options – TA Triumph-Adler is your safe choice for copying, printing, scanning and faxing data.



## Do you know where the potential threats are?

Source documents that are temporarily stored as electronic data on a hard disk or RAM 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 involves safeguarding data streams from unauthorised access during their processing and administration as well as protecting archived or temporarily stored print data, for example, in a document box on a hard disk, from being read out without authorisation.

This is already achieved when faxing data since data is exchanged over the public telephone network in the form of compressed image files only, successfully preventing an intrusion into the network and thus external access to data – even in the case of a network fax.

## We support your security concept – both on the system side and the network level.

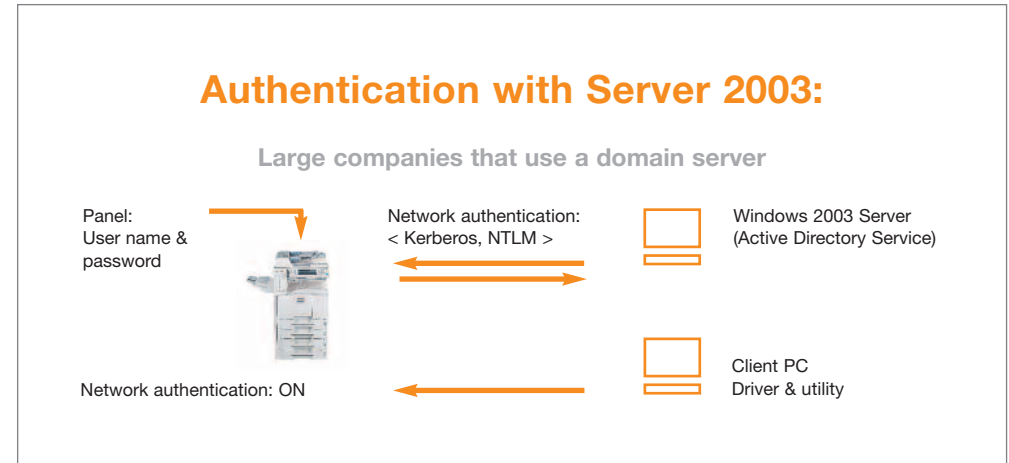
Security always depends on the optimal interaction of all available components. Therefore, the security settings of TA Triumph-Adler products work on two levels: the system itself and, more importantly, at the network level. In this way, the most suitable security requirements can be defined according to the functionality of the systems in use – for example, fax, printing or scanning functions using a network connection and the 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.



# DATA SECURITY

## Active network support:

- **Network authentication**
  - ▶ Log-in based on user name and password only
- **Embedded Web Server authentication (Internet access to the system)**
  - ▶ Allows for setting an administrator password
  - ▶ Additionally, access to the Embedded Web Server can also be encrypted.
- **Support of default network settings during scanning (SMB, FTP) through authentication**
- **Increased security for the sending and receiving of e-mails by restricting the domain (e.g.: Name@DOMAIN.co.uk)**
- **Security settings 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 watermark to label copies of printouts that were created without authorisation**
- **IP filtering**
  - ▶ Allows access to the system using registered IP addresses only
- **Encryption of the print data using SSL**
  - ▶ Prevents readout of data by encrypting the print data stream, including the transmission path



\*A detailed overview of security functions or options for each system can be found on the enclosed data sheet.

# DATA SECURITY

## Security functions available on the system:

### ■ Authentication via password entry

- ▶ Protects the system against third-party access
- ▶ Also allows procedures such as management codes for copying, printing, scanning and faxing

### ■ Blocking of the repeat copy function

- ▶ Prevents the repeated reproduction 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 limited to the administrator

### ■ Blocking of the USB host

- ▶ Prevents documents from being made available via PDF direct printing\* on corresponding systems

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

- ▶ Automatically encrypts documents and user data before they are stored on the 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
- ▶ Simple overwriting: Certain areas of the hard disk, or its entire memory, are overwritten with zeros.
- ▶ Triple overwriting (standard setting): The same area as before is overwritten twice with a random pattern and then filled with zeros.

### ■ PDF upgrade kit\* for the compression and encryption of PDF files

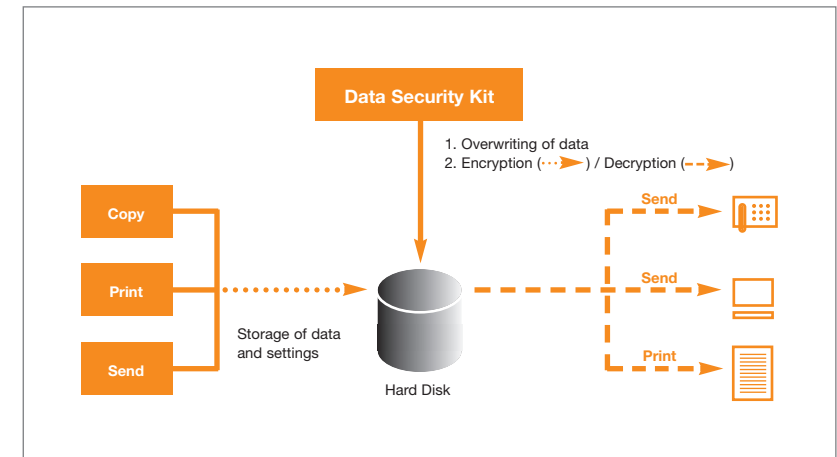
- ▶ Restricts the opening, printing and editing of PDF files created on the system

### ■ Data back-up kit\*

- ▶ Secures received fax data and management code data in the case of an unexpected hard disk failure
- ▶ If used in combination with the data security kit, data is also encrypted

### ■ 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



\*A detailed overview of security functions or options for each system can be found on the enclosed data sheet.

### Be on the safe side, be well prepared.

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 settings are actively supported in the network, optimally complementing your company's need for handling sensitive data and passwords in a responsible manner.

A detailed and up-to-date overview of all standard system configurations and their suitable security options can be found on the enclosed data sheet.



At TA Triumph-Adler we have set ourselves the aim of making the everyday processing of documents as efficient as possible for you. The technical perfection of our products combined with preliminary consultation and finally on-site aftersales support guarantee you the problemfree, productive operation of our equipment. Thanks to this range of service we are able to offer you the best possible solutions.

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TA Triumph-Adler Specifications subject to change without notice

# Security features of TA Triumph-Adler b/w and colour MFP

Feature	DC 2028 DC 2128	DC 2118	DC 2218 DC 2222	DC 2325	DC 2430	DC 2242 DC 2252	DC 2162 DC 2182	DCC 2725 DCC 2730 DCC 2740 DCC 2840 DCC 2850
Watermark (copy)	-	-	-	■	■	■	■	■
Repeat copy	-	-	-	■ 1	■ 1	■ 1	■ 1	■ 1
Watermark (print)	■	■	■	■	■	■	■	■
Security watermark	■ 2	-	■ 2	■ 2	■ 2	■ 2	■ 2	■ 2
Quick copy/proof and hold	-	-	■ 1	■	■	■	■ 1	■
Private print/job storage	-	-	■ 1	■	■	■	■ 1	■
Virtual mailbox	-	-	■ 3	-	-	-	■ 3	-
Job box	-	-	■ 3	■	■	■	■ 3	■
Synergy print box	-	-	-	-	-	-	-	-
Custom box	-	-	-	■	■	■	-	■
Network card (print/scan)	■ ■	-	■ /-	■ ■	■ ■	■ ■	■ /-	■ ■
Authentication for printing (Kerberos/NTLM)	■ ■	-	-	■ ■	■ ■	■ ■	-	■ ■
Authentication for scanning (Kerberos/NTLM)	■ ■	-	-	■ ■	■ ■	■ ■	-	■ ■
SSL encryption (HTTPS/IPPS)	■ 1	-	-	■ 1	■ 1	■ 1	-	■ 1
SMTP authentication protocol	■	-	■	■	■	■	■	■
Domain restriction (e-mail)	■	-	■	■	■	■	-	■
IP filters	■	-	■	■	■	■	■	■
SNMP V1/V2C/V3	■ ■ ■	-	■ ■ /-	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ /-	■ ■ ■
Password Embedded Web Server	■	-	■	■	■	■	■	■
Network card (print)	-	○ 5	○ 4	○ 4	○ 4	○ 4	○ 4	○ 4
SSL encryption (HTTPS)	-	■	■	■	■	■	■	■
SMTP authentication protocol	-	■	■	■	■	■	■	■
Network authentication (encrypted transmission)*	-	■	■	■	■	■	■	■
TLS encryption	-	■	■	■	■	■	■	■
Encrypted ThinPrint data reception	-	-	-	■	■	■	■	■
IP filters	-	■	■	■	■	■	■	■
SNMP V1.1	-	■	■	■	■	■	■	■
Password Embedded Web Server	-	■	■	■	■	■	■	■
Network card (scan)	-	-	○	-	-	-	○	-
SMTP authentication protocol	-	-	■	-	-	-	■	-
Domain restriction (e-mail)	-	-	■	-	-	-	■	-
IP filters	-	-	■	-	-	-	■	-
SNMP	-	-	■	-	-	-	■	-
Password Embedded Web Server	-	-	■	-	-	-	■	-
Data security kit	-	-	-	○	○	○	○	○
simple overwriting	-	-	-	■	■	■	■	■
triple overwriting	-	-	-	■	■	■	■	■
standard hard disk	-	-	-	■	■	■	■	■
optional hard disk	-	-	-	-	-	-	■	-
time of overwriting	-	-	-	■ 6	■ 6	■ 6	■ 6	■ 6
admin password	-	-	-	■ 7	■ 7	■ 7	■ 7	■ 7
encryption	-	-	-	■	■	■	-	■
PDF upgrade kit	-	-	-	○	■	■	-	■
password for opening a file	-	-	-	■	■	■	-	■
password for editing/printing	-	-	-	■	■	■	-	■
encryption	-	-	-	■	■	■	-	■
ID code	■	■	■	■	■	■	■	■
User log-in	■	-	-	■	■	■	-	■
Access limitation for operation panel	■	-	-	■	■	■	-	■
Fax transmission restriction	■ 8	-	-	■	■	■	-	■
Fax reception restriction	■ 8	-	-	■	■	■	-	■
Data back-up kit (fax)	-	-	-	■	-	-	-	-

standard  
 option  
 not available

1 software setting required   2 supported by some operating systems only   3 optional hard disk required   4 UT-110G  
 5 UT-16   6 after switch-on, after each job, manually by admin   7 from 4 to 8 digits   8 DC 2128 only   \*IEEE 802.1X

## Security features of TA Triumph-Adler b/w and colour printers

Feature	LP 4128 LP 4228	LP 4230	LP 4235	LP 4240 LP 4245	LP 4151	CLP 4521 CLP 4621 CLP 4626 CLP 4630 CLP 4635	CLP 4550
Watermark (print)	■	■	■	■	■	■	■
Security watermark	■ 2	■ 2	■ 2	■ 2	■ 2	- 7	■ 2
Private print	■ 1,3	-	■ 1,3	■ 1,3	■ 1,3	■ 1,3	■ 1
Network card	-	■	-	■	■	■	■
SSL encryption (HTTPS/IPPS)	-	■ ■	-	■ ■	-	■ ■	■
SMTP authentication protocol	-	■	-	■	■	■	■
Domain restriction (e-mail)	-	■	-	■	-	■	■
IP filters IPv4/IPv6	-	■ ■	-	■ ■	■ /-	■ ■	■ ■
SNMP V1/V2C/V3	-	■ ■ ■	-	■ ■ ■	■ ■ /-	■ ■ ■	■ ■ ■
Password Embedded Web Server	-	■	-	■	■	■	■
Network card (print)	○ 4	○ 4	○ 4	○ 4	○ 4	○ 4	○ 4
SSL encryption (HTTPS)	■	■	■	■	■	■	■
SMTP authentication protocol	■	■	■	■	■	■	■
Network authentication (encrypted transmission)*	■	■	■	■	■	■	■
TLS encryption	■	■	■	■	■	■	■
Encrypted ThinPrint data reception	■	■	■	■	■	■	■
IP filters IPv4/IPv6	■ /-	■ /-	■ /-	■ /-	■ /-	■ /-	■ /-
SNMP V1.1	■	■	■	■	■	■	■
Password Embedded Web Server	■	■	■	■	■	■	■
Data security kit	-	-	-	-	○	-	○
simple overwriting	-	-	-	-	■	-	■
triple overwriting	-	-	-	-	■	-	■
standard hard disk	-	-	-	-	-	-	■
optional hard disk	-	-	-	-	-	-	-
time of overwriting	-	-	-	-	■ 5	-	■ 5
admin password	-	-	-	-	■ 6	-	■ 6
encryption	-	-	-	-	■	-	■
PDF upgrade kit	-	-	-	-	-	-	-
password for opening a file	-	-	-	-	-	-	-
password for editing/printing	-	-	-	-	-	-	-
encryption	-	-	-	-	-	-	-
ID code	-	-	■	■	■	■	■
User log-in	-	-	-	-	-	-	-
Access limitation for operation panel	-	■	■	■	■	■	■

■ standard

○ option

- not available

1 software setting required 2 supported by some operating systems only 3 optional hard disk and/or additional memory required  
4 UT-110G 5 after switch-on, after each job, manually by admin 6 from 4 to 8 digits 7 planned \*IEEE 802.1X