



Automated Teller Safes at a glance

Hardware and software in the branch environment

WINCOR
NIXDORF

"Where life happens"

"Where life happens" – that's where you'll find our Automated Teller Safes.

These flexible custom-built systems guarantee efficient cash handling operations – anytime, anywhere.

Our Automated Teller Safes enable you to protect your cash holdings reliably from unauthorized access and, at the same time, to optimize your cash management processes.

Our systems stand for faster transactions, lower-cost business processes and improved customer service.

Flexible solutions

No two customers are alike – you know that as well as we do. That is why we develop Automated Teller Safes (ATS) with varying capacities and functionalities for different deployment scenarios, making sure that our customers always get a cost-effective solution. Wherever there is demand for secure cash handling, fast transactions and efficient cash management, our systems are ready to support your processes. We offer you a portfolio of state-of-the-art teller safes combining optimal security with innovative service structures.

All systems are integrated flexibly in the individual delivery concept. A vital factor in this concept is the move toward an open, customer-oriented architecture, which we have helped shape with our solutions. Our Automated Teller Safes perform key functions not only in closed but also in open space environments. This represents a major competitive advantage, since our modern, transparent workplace design creates a communicative atmosphere, in which customers feel good and are encouraged to make greater use of the services offered.

Powerful technologies

Long years of experience in the banking sector and excellent market know-how are the basis for the comprehensive, scalable solutions that we offer our customers. This also applies to our Automated Teller Safes. From dispenser modules to electronic locking systems and a forgery check, our





powerful technologies offer outstanding reliability and guarantee your staff easy and secure handling. The different ATS models accept bulk deposits, transport them straight to the appropriate modules, and dispense different banknote denominations with the utmost precision. When the systems need filling or emptying, they can be opened up quickly without taking up extra space.

Guaranteed quality

The quality of all the hardware and software modules we build into our Automated Teller Safes guarantees protection of your investments. As DQS, an impartial German organization that certifies quality assurance systems, has confirmed, Wincor Nixdorf complies fully with DIN ISO 9001 and ISO 9003 standards and practices. These standards are valid for all procedures that affect the quality of our products and services – from planning to development and customer care. The certificates guarantee that our Automated Teller Safes are truly top-quality products.

Ergonomic design

Space-savers with a compact design and ergonomic operation – typical features of our Automated Teller Safes. The systems need only slight modification to fit the needs of your individual location, no matter how many people use a workplace ATS or whether it is installed on or under the counter, or even under a desktop.

Top security requirements

Our Automated Teller Safes do more than simply comply with our customers' requirements. This applies in particular to security needs. In closed and open space environments, cash inventories are optimally protected from unauthorized access. Even without special construction measures, bullet-proof glass and separate safes, our solutions always make cash handling a secure business. To meet your individual needs, we can supply systems with various safe models, and include additional elements such as structure-borne noise sensors, door sensors or extra lock elements.

Visionary solutions

Time and time again, the visions of our experts are channeled into the development and manufacture of our Automated Teller Safes. In this way, we set technology trends in the banking industry. One outstanding feature is our 'easy-to-clean' surfaces. They can be given anti-bacterial treatment, are easily cleaned and resist permanent dirt. All our materials exceed ecological requirements and offer you systems with extremely long service life and top recycling capability.

Intelligent services and processes

To ensure that your business processes run smoothly, we have further optimized our services and, at the same time, developed the Wincor Nixdorf eServices Platform. This is our end-to-end concept for elec-

tronic service processes, from orders for consumables to engineer deployments and proactive remote support. You benefit from even faster, more flexible and more reliable services and can use the Platform to initiate, manage and control services.

Your advantages:

- Easy choice of systems for closed and open space environments
- Efficient transaction processes
- Certified security up to CEN III for all self-service and banking installations
- Highly operator-friendly
- Investments protected with reliable solutions
- Customer-oriented service and delivery processes
- Optimal cost-effectiveness during the entire cash management process

Automated Teller Safes Monofunctional systems

With our ProCash systems, you can be sure of secure, reliable and efficient cash transactions even in open customer service zones.

These systems are integrated flexibly in your individual architecture, freeing up staff capacity.

Automated, accelerated front-office operations generate a closer and more intensive relationship with your clients. This promotes active sales, improves the quality of service and, at the same time, reduces costs.





ProCash 5000



Monofunctional Automated Teller Safe compact | user-friendly

The counter rearload model has an impressively small footprint and maintenance area, and is ideal for centralized ATS installations. If several members of your staff use the ProCash 5000, illuminated arrows and a numeric display allocate cash transactions clearly to individual tellers.

Optional highlights:

- Up to 6 dispensing modules
- Structure-borne noise sensors, alarm sensors
- Electronic locks and optional keylock
- Dispenses up to 8 banknotes per second

ProCash 5000 mini



Monofunctional Automated Teller Safe space-saver | flexible usage

ProCash 5000 mini guarantees that cash is dispensed down to the last note and operates on a minimum footprint. As an under-counter model, it is ideal for consultant workstations and installation locations where space is limited. An optional deposit unit accepts manual banknote deposits.

Optional highlights:

- Up to 3 dispensing modules
- Locking system with time delay complying with safety regulations for teller terminals in Germany (UVV Kassen)
- Up to 3 lead-sealable cassettes
- Standalone operation

ProCash 5100



Monofunctional Automated Teller Safe flexible usage | user-friendly

The under-counter model with its fast cash dispensing function is an ideal enhancement for your consulting service. At the workplace, ProCash 5100 is barely visible, since it is almost completely built into the furnishings. We supply the system with different safe models, depending on your individual requirements.

Optional highlights:

- Up to 6 dispensing modules
- Locking system with time delay complying with safety regulations for teller terminals in Germany (UVV Kassen)
- Deposit facility with 2 separate deposit slots and standalone operation

Automated Teller Safes Cash recyclers

These Automated Teller Safes have a closed cash cycle that simplifies all cash handling operations. Processes are automated, employees relieved of work and costs permanently reduced.

Our systems guarantee to protect your investments. A minimum footprint, a broad array of functions and numerous deployment options make Automated Teller Safes highly flexible systems that are proven to give you fast Return on Investment (ROI).





ProCash 6000xe



Cash Recycling System

cost-saver | flexible | user-friendly

ProCash 6000xe is a counter model that offers a high storage capacity on a minimum footprint. Even with traffic fluctuations over the course of the day, the system still has plenty of capacity in reserve. The reliable forgery check ensures that counterfeit notes cannot enter the closed cash cycle.

Optional highlights:

- Up to 8 drum modules
- Forgery check
- Banknote fitness test

ProCash 6100xe



Cash Recycling System

compact | user-friendly

ProCash 6100xe keeps cash safe even outside bank opening hours. This model is simply installed under your desk, and impresses with its compact design and minimum operating and maintenance space.

Optional highlights:

- Up to 8 drum modules
- Input and output of up to 8 different banknotes
- Forgery check
- Banknote fitness test

ATS software

Software was originally designed for running hardware in an existing infrastructure, but it is now increasingly assuming the role of an independent value creator within retail banking processes.

The new software generation for Automated Teller Safes from Wincor Nixdorf stands for value-generating intelligence, featuring low running costs on a platform-independent, net-centric architecture.

Secure cash handling in an open customer-oriented branch architecture

The introduction of new branch concepts goes hand in hand with a redesign of branch architecture geared to sales activities. This also involves reorganizing the entire array of cash processes. Use of Automated Teller Safes (ATS) provides efficient cash handling wherever bullet-proof glass has given way to customer-friendly service and consultant workstations.

The software solution for ATS: Front Office/ATS

Front Office/ATS (FO/ATS) is the ATS application that is used to operate Automated Teller Safes. The ATS software can be used to manage teller-operated banknote dispensers as well as Recycling Systems, which handle both cash deposit and withdrawal transactions. This enables banks to implement barrier-free branch concepts and, at the same time, still rely on straightforward and secure cash transactions.

As a rule, FO/ATS links front-office solutions to the ATS system, with cash transactions being initiated and posted via the front-office application. The withdrawals and deposits that are initiated in this way are then handled on the ATS via FO/ATS. Thanks to use of the J/XFS market standard to control special banking peripherals, FO/ATS helps protect bank investments, since it allows both their installed base and new ATS systems to be easily and flexibly integrated in existing branch and front-office applications.





Flexible integration in your branch IT

Depending on your branch IT and strategy, there are two main concepts for integrating FO/ATS in an existing branch or front-office application.

The network-centric concept comprises a central server component with client components installed on the front-office terminals. With this concept, the focus is on central administration and central operation, two factors that generate major economies of scale.

In contrast, the standalone concept is suitable for local FO/ATS deployment, where an ATS is used at dedicated single workstations to handle cash deposits and withdrawals, or when the network infrastructure does not allow for the central approach.

Unrivaled function array

Whether you deploy the FO/ATS application centrally or locally, it offers you a full suite of functions in both cases: from assisted cash withdrawals and deposits to banknote exchange and transaction data archiving.

The software solution is also a winner from an economic viewpoint. Your staff can swiftly query cash inventories, replenish or empty the ATS and count banknotes. This is a key step in optimizing your cash handling operations.

The ATS systems feature top security along with user-friendly administration.

Large amounts of cash are paid out with a time delay, while a customer's limit within a specific period is checked. Covert alarms and biometric transaction protection provide added security for bank staff as well as your cash.

Assisted self-service as an effective enhancement for cash processes

To ensure that front-office processes will be even more efficient and flexible in the future, customers have the option of integrating not only the ATS but also self-service systems in their cash processes on the basis of a single software solution: ProCash/FOnet.

The ATS and self-service system are operated via a software solution that has the same look & feel and the same processes, offering considerable advantages in terms of staff training and acceptance.

A preferred mode can be set for each workstation – both ATS and self-service system. This makes it possible to handle cash transactions either on the Automated Teller Safe or on self-service systems when the transaction is initiated at the front-office terminal (assisted self-service).

ATS portfolio



ProCash 5000



ProCash 5000 mini



ProCash 5100



ProCash 6000xe



ProCash 6100xe

Installation	C/F/R	U/F	U/F	C/F	U/F
Counter Under Counter Frontload Rearload					
Security					
Business hours (3 mm strongbox)	■	■	optional	-	-
UL291 Level 1/VdS	■	■	■	■	■
CEN III/VdS	■	-	■	■	■
Mounting for intruder alarm system	■	■	■	■	■
KM48 functionality integrated	■	■	■	-	-
Safe locking system					
Lock	K/M opt./E	K/M opt./E	K/M opt./E	K/E	K/E
Motorized latch	-	-	-	■	■
System control					
Controller	-	-	-	■	■
Standard PC	■	■	■	-	-
Control panel					
Numeric display – teller	■	■	■	-	-
LED support – teller	■	■	■	-	■
Operator display	-	-	-	■	■
Physically separate cash-out slots	-	-	-	■	-
External system status LED	■	■	■	-	-
Dispenser technology					
Dispenser	4-6	2-3	4-6	-	-
6 drum modules	-	-	-	4x1000 & 2x500 Banknotes	6x500 Banknotes
8 drum modules	-	-	-	4x1000 & 4x500 Banknotes	8x500 Banknotes
Bundle output	■	■	■	-	-
Manual single deposits	-	-	-	■	■
Deposit technology					
Drum modules	-	-	-	6 & 8	6 & 8
Forgery check	-	-	-	■	■
Fitness check (acc. to ECB S6/Framework)	-	-	-	■	■
Manual deposit unit					
2x1 deposit slot	■	■	■	■	■
Lock system on manual deposit unit					
Lock	Dk/E	Dk/E	Dk/E	Dk	Dk
Data communication interfaces					
RS-232 C (serial)	■	■	■	■	■
RJ45 (LAN)	■	■	■	■	■
USB	Optional	Optional	Optional	Optional	Optional

Legend: ■ = Standard C = Counter F = Frontload U = Under counter R = Rearload K = Keylock M = Mechanical locks
 E = Electronic locks Dk = Dual keylock

The main modules listed in the table are described below.

Installation

The broad product portfolio offers maximum flexibility when it comes to complying with very different installation requirements, and ranges from under-counter Automated Teller Safes for seated operation to counter systems and even a mini system for consultant workplaces – a portfolio breadth that enables Wincor Nixdorf to offer the right solution to every customer.

Security

The safes installed in the ATS systems meet international security standards, and range from strongboxes complying with UL 291 Business Hours or UL 291 Level 1 to CEN/VdS III-compliant safes.

All 24-hour safes ship with mountings for intruder alarm systems or, if required, an integrated intruder alarm package. Many safe types integrate all the functions for a direct link to the police emergency service, dispensing with the need for external connection units (console sensor).

Lock system

All systems ship with state-of-the-art electronic locks, equipped with a 10-minute time delay. Keylocks are offered as an additional option on all systems.

System control

Depending on the system type, standard PCs may be used. This facilitates system integration in vastly differing software landscapes. Emulations and an optional standalone function round out the system's versatility for different installation scenarios.

Control panel

Depending on the system type, LEDs and a numeric display on the control panel are used to support users by assigning transactions correctly to individual tellers.

ProCash 6000xe has a sophisticated function that allocates cash-out transactions directly to individual tellers via two physical cash-out slots. On the monofunctional systems (ProCash 5x00), an LED informs tellers of the current system status. On the systems with a recycling function (ProCash 6x00xe), this information is provided on the display.

Dispenser technology

The monofunctional systems (ProCash 5x00) use the proven dispenser technology that Wincor Nixdorf has installed successfully in its ATMs for many years. The Automated Teller Safes with a recycling function (ProCash 6x00xe) are based on tried and tested, mature drum technology. This technology delivers high availability and capacity on a minimum footprint.

Deposit technology

Each of the six to eight drum modules can have a banknote denomination assigned to it. The forgery check ensures that counterfeit notes cannot enter the cash cycle.

As an option, a banknote classification and fitness check can be performed (complying with Article 6 / ECB Recycling Framework).

Manual deposit unit

All systems ship with an optional deposit unit. On the monofunctional systems (ProCash 5x00), this guarantees that banknotes, checks and other securities can be deposited safely. On the systems with a recycling function (ProCash 6x00xe), the system also accepts banknotes it does not normally handle. Each deposit unit has two deposit slots, one for each teller.

Locking system on the manual deposit unit

Depending on the model, the deposit units are protected either with an electronic lock with dual code or with a dual keylock (double control principle).

Data communication interfaces

All systems are configured with two serial RS232-C interfaces. Optionally, each system is also available with USB interfaces or LAN (Ethernet).

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