TestLink™

ATM GLOSSARY

BREAKING THROUGH THE JARGON

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ACPI	Advanced Configuration and Power Interface.
ACT	Anti Card Trapper. A device to prevent card trapping.
AGP	Accelerated Graphics Port.
APC	American Power Conversion Corp. A manufacturer of UPS.
API	Application Programming Interface.
APTRA	NCR ATM operating software.
ARIA	NCR pick module with belts instead of rollers to transport notes to the presenter.
ASCII	American Standard Code for Information Interchange.
ASKIM	Wincor Anti-Skimming Module.
AT	Advanced Technology. Type of motherboard.
ATM	Automated Teller Machine, also known as a cash point, cash machine, hole in the wall machine.
ATMdesk	A standalone quick booting diagnostic tool for NCR ATMs giving full access to error codes.
ATMIA	ATM Industry Association.
AZM	Wincor Dispensing module; Cash-out Module.
AZM_NG	Cash-out Module New Generation (now old generation).

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Ballasts	Power supplies for fluorescent tubes.
BART	Beeper Amplifier Reset and Tamper. PCB used in Pivat cores.
BIOS	Basic Input/Output System.
Black Dot/Mark	Method used by a receipt printer to calibrate cutting of receipts.
BNA	Bunched Note Acceptor. Depository that accepts many varied notes without an envelope.
BR	Barcode Reader.
CAFU	A PCB in a PELE 2 core which gives access to the parallel and serial ports 3 and 4.
Card Reader	The module that reads the details from the customer's card.
CASS	Short for cassette.
Cassette	Storage container for cash notes to be dispensed.
Cassette Locking Bar	A security device designed to safeguard cash cassettes in an ATM.
CD	Compact Disk.
CD-ROM	Compact Disk - Read Only Memory.
CEN	Comité Européen de Normalisation. Standard setters for ATM safe security.

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Cencon	A type of electronic safe lock, also known as Mass Hamilton.
CIM	Card Identification Module (security module). Used on Card Readers in Germany
CIT	Cash In Transit.
CMD	Wincor Cash Media Dispenser
CMD-V4	Wincor Cash Media Dispenser – Version 4. Used in XE ATMs
CMOS	See BIOS.
Collar Kit	Set of plastics that surround a TTW ATM and seal it to the wall.
COM	Communication Port of PC.
CPK+	Card Protection Kit, an anti-skimming security device.
CPM	Cheque Processing Module. NCR Depository that accepts and reads cheques.
CPU	Central processing unit. Processor chip in a PC core.
CRC	Cyclic Redundancy Check. An integrity check on transmitted data.
CROPF	Card return on power fail. Battery/PCB which returns the card to the customer if the ATM loses power.
CRT	Cathode Ray Tube. Now obsolete glass tube style monitor - superseded by LCD.

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DC	Direct Current. Used to power low voltage modules.
DDU	Double detection unit. Also see LVDT or NTS.
Decals	Printed stickers that show the types of card accepted and which way to insert them.
Depository	Module that accepts cash and cheques in an envelope.
Depository Bin	Storage container for customer deposits.
DES	Data Encoding Standard. Encryption standard - now triple DES.
Dial Up	Method of communication with host, using public telephone lines.
DIMM	Dual Inline Memory Module. Memory chip in a PC core.
DIP Reader	Card Reader where the user inserts and pulls out their card - not motorised.
Dispenser	Module that picks cash notes from the cassette and presents them to the customer.
Dispenser Control Board	Main controller for the operation of the cash dispenser module.
Dispenser Sensors	Devices that monitor the passage of cash notes through the dispenser.
DVD	Digital Versatile Disk. Successor to the CD in PC cores.

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DVI	Digital Visual Interface. Type of monitor port on a PC core.
Easy Point	Family of NCR ATMs - small freestanding convenience models.
ECB	European Central Bank.
EEPROM	Electrical Erasable Programmable Read Only Memory.
EGA	Enhanced Graphics Adapter. Early video standard. Superseded by VGA.
EJ	Electronic Journal. Transactions are saved to the ATM's hard drive.
EMV	Europay, Mastercard, Visa. Standards authority for transaction security.
Encryption	Method of scrambling customers' details to prevent fraud.
Enhanced	Next generation of dispenser after I.E.
EOP	Enhanced Operator Panel. LCD display and keyboard used by the operator/engineer to input.
EPP	Encrypting Pin Pad. Customer keyboard that also houses the encryptor.
EPROM	Erasable Programmable Read Only Memory.

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F/A	Front Access. Lobby ATM which is serviced from the front. Also See FL.
Fascia	The plastic moulded front of the ATM that faces the customer.
FD	Floppy disk or Flex Disk.
FDK	Function Display Key. The variable function keys down either side of the monitor.
FINTECH	Financial Technology. Describes emerging services of this nature.
FL	Frontload. Lobby ATM which is serviced from the front. Also see F/A
FLM	First Line Maintenance. Removing jams and fitting paper rolls - no tools used.
FRU	Field repairable unit.
GOP	Graphical Operator Panel. Touch screen for operator used on NCR SelfServ ATMs.
HDD	Hard Disk Drive.
HDM	Horizontal Dispense Module (Wincor).
HELGA	High End LCD Graphics Adaptor. Digital Driver PCB for some LCD monitors.
HiCo	High Coercive. Type of magnetic stripe write inside a card reader.

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Hood	Lid or top cabinet door which lifts/opens for access to EOP and printers etc.
HW	Hardware
I.E.	Improved Electronics. Term used for a particular generation of NCR dispensers before Enhanced.
I²C	Communication interface.
I2C	Interface to Cassettes. Bus that connects the pick modules to the dispenser control board.
IAD	Independent ATM Deployers.
IBM	International Business Machines.
IC	Integrated Circuit.
IDCU	ID Card Unit. Chip reading part of reader.
IDE	Integrated Drive Electronics. Early hard drive interface - superseded by SATA.
IMCRW	Integrated Motorised Card Reader Writer. More modern version of SCRW.
IR	Infrared
Jitter	An anti-fraud measure programmed into the card reader.

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Journal Printer	Module that records all transactions for later reference by the ATM operator.
JPEG	Joint Picture Expert Group. File structure for photos.
KDIAG	Wincor diagnostics.
LAN	Local Area Network.
LCD	Liquid Crystal Display. Supersedes CRT.
LDR	Light Dependent Resistor. Sensor that dims the monitor in low ambient light conditions.
LED	Light-Emitting Diode.
LISA	Serial Adapter PCB in a Pivat to give access to the SSPAs serial ports 3 and 4.
Lobby	Type of ATM that is freestanding indoors.
Logo Panel	Fluorescent light cover bearing an operator's name/logo.
LPT	Parallel port in a PC core.
LVDT	Linear Variable Differential Transducer. Device that ensures only one note is dispensed at a time.
MEI	Media Entry Indicator. Flashing green light that prompts the user for card input, cash output etc.

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Misc I/F	Miscellaneous Interface PCB. Board which controls various functions including MEIs and Flu tubes.
Mode Switch	Switch for toggling between Supervisor mode and Normal mode.
Modem	Type of communications device which uses an ordinary telephone line to dial the host.
MS-DOS	Microsoft Disk Operating System.
MTBF	Mean Time Between Failures.
ND	Matrix printer (Wincor)
Non-surcharging ATMs	ATMs that do not charge a fee for withdrawing cash.
Normal Mode	Mode in which the ATM is in service and available for customer use.
NP	Needle (Matrix) Printer (Wincor)
NTS	Note Thickness Sensor. Later version of LVDT for ensuring a single note at a time is picked.
NVRAM	Non Volatile Random Access Memory. Area of PC where configuration is held permanently by battery.
OEM	Original Equipment Manufacturer.

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Opacity	Older method of detecting double notes by shining a light through the note. Obsolete now.
OSD	On-Screen Display.
OTC	One Time Combination. Code used on Cencon locks among others.
Outdoor Pods	Weatherproof housings for remote ATMs.
PC Core	Computer in the ATM that runs the software and controls the modules.
PCB	Printed Circuit Board. Term for any electronic circuit board with components fitted.
PCI	Payment Card Industry. Group of companies that set security standards for transactions.
PELE 2	Pentium Entry Level Electronics 2. Older NCR motherboard - Pentium3 up to 1 GHZ processor.
Personas	Generation of NCR ATMs (5870, 5884, 5885, 5886 etc.)
Pick Module	Module that picks notes from the cassette and moves them to the presenter.
PIN	Personal Identification Number.
PIRAT	Power good Reset and Tamper PCB in Talladega cores.

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PIVAT	ATM PC core motherboard - superseded PELE 2.
PM	Preventative Maintenance.
Pre I.E.	Before I.E. Early generation of currency dispenser.
Presenter	Module (part of the dispenser) that presents cash to the customer.
PROM	Programmable read only memory.
PSU	Power Supply Unit. Module that converts mains electricity into the DC voltages required by the ATM modules.
Purge Bin	Container that stores rejected cash notes from the dispenser. Also known as Reject Bin.
QWERTY	Standard PC keyboard layout.
R/A	Rear Access. Lobby ATM which is serviced from the back. TTW ATMs are also R/A.
RAM	Random Access Memory. The memory used in the PC core. Measured in MegaBytes or GigaBytes.
Raminator	Anti-ramming device for ATMs. Works by absorbing and deflecting the force exerted during an ATM ram raid.
RAT	Reset and Tamper PCB in Pivat cores.

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Receipt Printer	Module that issues a transaction receipt to the customer.
RL	Rear load. Also see R/A.
ROM	Read Only Memory. More often referred to as PROM or EPROM now.
RS232	Communications protocol for serial devices (eg. Printers in P70 and P77).
RSI	Remote Status Indicator. Traffic light system for ATM health.
SCIF	Smart Card Interface PCB. Interfaces the chip station to the SCRW card reader.
SCRW	Smart Card Reader Writer. Module that reads and writes data to the customer card.
SDC	Serial Data Communications. The main data communications connecting the modules in a Personas ATM.
SE	Special electronics module (Wincor).
Secure Disposal	Highly secure and tracked method of destroying hard drives and EPPs as offered by TestLink.
Self-Serv	Latest family of NCR ATMs (6622, 6625, 6634 etc.).

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Shutter	Door mechanism that prevents customers tampering with modules. This opens to let the customer have authorised access to modules (such as the card reader or cash presenter).
Singularity	Measurement method of determining thickness of notes for double detection.
Skimming	Fitting fraudulent devices to ATMs in order to clone customers' cards.
SLM	Second Line Maintenance. Full repair service for the ATM including parts replacement.
SOH	State of Health. Display on the operator display which lists any faults or low media.
SSPA/B	Self Service Personality Adaptor/Board. Adds SDC capability to PC cores without it built in.
Statement Printer	Printer that produces A4-sized statements to the customers.
Sunlight Viewable	High brightness LCD monitor.
Supervisor Mode	Mode in which ATM is serviced - not in use for the customer.
Surcharging ATMs	ATMs that charge a fee for withdrawing cash.
SVGA	Super Video Graphics Adapter. Higher definition than VGA.

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Talladega	ATM PC core motherboard - supersedes PIVAT board.
TCPIP	Communications protocol (Internet communication).
TFT	Thin Film Transistor. Type of LCD display.
TP	Wincor thermal printer.
Triple DES	64-bit encryption system.
TTW	Through The Wall. An ATM that is fitted through a hole in the wall.
UL	Underwriters Laboratories Inc. Standards for ATM safe security.
UPS	Uninterruptible Power Supply. Backup battery pack for power-cuts.
USB	Universal Serial Bus. Newer method of communicating from PC core to modules
Vacuum	NCR method used to pick notes from cassettes during dispensing.
VCMD	Wincor Vertical Cash Media Dispenser.
Vestibule	A lobby ATM that is fitted through an internal wall with a collar kit sealing the hole.
VGA	Video Graphics Adapter.

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V-module	Wincor Dispenser Module.
WAN	Wide Area Network.
WEEE	The Waste Electrical & Electronic Directive.
XFS	Universal software level that has standard communication to modules.
ZAC	Wincor Cash out Controller (dispenser control board).