



NetXMS Extension Pack for ATM is a complete one-stop monitoring solution for ATM networks. It facilitates monitoring and management of ATM-specific hardware and software for increased ATM uptimes and reduced operational costs.

NetXMS Extension Pack for ATM feature highlights:

- ▶ Monitor ATM availability (both network and application)
- ▶ Monitor ATM hardware statuses (such as hardware status of card reader, dispenser etc)
- ▶ View ATM hardware statistics (such as number of cards retained)
- ▶ Issue ATM software and hardware commands remotely

The screenshot displays the NetXMS Management Console interface. The main window is titled "NetXMS Management Console" and contains several panes:

- Object Browser:** Shows a tree view of the network structure, including "Entire Network", "Services", "ATM" (with sub-items ATM001, ATM002, ATM003, ATM004, ATM005, ATM022), "Database", "NETXMS", "Email", "ServiceMap", "Test System", "WWW", and "Templates".
- ATM Details - ATM004:** A table showing the status of various devices.

Device	Status
Card Reader	OK
Dispenser	OK
PIN Pad	OK
Printer	OK
Terminal Unit	OK
- Cash Positions:** A table showing the status of cash units.

Unit	Denomination	Count	Rejected	Status
A	5 LVL	2710	14	OK
B	10 LVL	1275	21	OK
C	20 LVL	2101	3	OK
D	50 LVL	3000	0	OK
REJECT		12	0	OK
- Graph:** A line graph showing performance metrics over time, with a green line for one metric and a red line for another.
- Alarm Browser:** A table showing active alarms.

Severity	Status	ATM	Description	Time
Critical	Outstanding	ATM004	Node down	3/1/C
Major	Outstanding	ATM005	Cash unit B is empty	3/1/C
Minor	Outstanding	ATM005	Cash unit C supplies low	3/1/C
Minor	Outstanding	ATM022	Cash unit B supplies low	3/1/C
Minor	Outstanding	NETXMS	Processor load average exceeds allowed maximum o...	3/1/C
Warning	Outstanding	ATM001	Receipt printer supplies low	3/1/C
- Tools:** A context menu is open over the "ATM002" node, showing options like "Bind...", "Unbind", "Rename", "Delete", "Move to another container...", "Change IP address...", "Manage", "Unmanage", "Edit agent configuration file", "ATM Details", "Tools", "Configure data collection", "Last values", "Comments", and "Properties". The "Tools" submenu is also open, showing "Terminal", "Diagnostics", "Shutdown system", "Restart system", and "Restart agent". The "Terminal" submenu is further open, showing "Restart application", "Eject card", "Retain card", "Detailed device stats", and "Execute command...".
- Bottom Panel:** A table showing system statistics.

ID	Value
11	Average length of data collection poller's reque... 0.000
12	Average length of database writer's request que... 0.000
13	Average time to queue DCI for polling for last ... 0
14	Average length of status poller queue for last m... 0.000
15	Average length of configuration poller queue fo... 0.000
22	Current temperature in ACPI thermal zone 50
26	Total number of threads 1168
49	Number of logged in users 1

NetXMS Extension Pack for ATM

Feature overview

- ▶ Monitor ATM's availability on the network, alert if ATM is not online
- ▶ Monitor ATM's terminal application status (up or down), assign customized actions, alert on problems
- ▶ View and monitor ATM's journal files, assign customized actions on specific journal pattern matches, alert on specific pattern matches (common use policies are preconfigured)
- ▶ Monitor ATM's hardware statuses and alert on problems. Most of ATM's hardware devices supported, including:
 - ▶ Printer devices
 - ▶ Card readers
 - ▶ Cash dispensers
 - ▶ PIN keypad devices
 - ▶ Check readers/scanners
 - ▶ Depository devices
 - ▶ Service terminal units
 - ▶ Sensors and indicators
 - ▶ Cameras
 - ▶ Alarm devices
 - ▶ Cash-in devices
- ▶ Monitor ATM's cash position (bill counts and denominations), assign customized actions, alert on configurable threshold values
- ▶ Monitor ATM's hardware statistics (such as number of cards or print media retained), assign customized actions, alert on configurable threshold values

- ▶ Execute ATM hardware commands remotely (such as card eject, replenishment etc), either manually or automatically, as event triggers
- ▶ Configure and execute generic commands remotely (such as reboot ATM or terminal application, run housekeeping tasks etc), either manually or automatically, as event triggers

Security

- ▶ User authentication with passwords, X.509 certificates or smart cards
- ▶ Industry standard encryption algorithms
- ▶ User and group access rights for every system function

Hardware and system requirements

- ▶ XFS-based ATMs from all major vendors supported: NCR SelfServ/Personas, Diebold Opteva, Wincor Procash, Triton RL/RT/FT
- ▶ All major XFS platforms supported: Agilis, Kalignite, Aprta, ProTopas, PRISM
- ▶ NetXMS server with Extension Pack for ATM supports Windows 2000/XP, Windows Server 2003, HP-UX, AIX, Free/OpenBSD, Linux

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