

VISION INCIDENT MANAGEMENT

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NCR VISION MANAGEMENT SOLUTION INTEGRATES STATUS MONITORING AND SERVICE MANAGEMENT, THEREBY IMPROVING ATM AVAILABILITY AND INCREASING ATM PROFITABILITY

Improve profitability, reduce operational support costs and deliver an amazing customer experience with Vision Incident Management Solution.

ATM fault monitoring and management is one of the most critical services a retail banking support organization needs to get right. Device outages can be costly to the financial institution, highlighting the support team's need for an efficient and effective way to respond and resolve these issues quickly. Any unplanned interruption may cause quality of service to decline, and therefore potentially impact customer happiness and loyalty. Successful incident management processes facilitate rapid and sometimes automated fault diagnosis and implements state of the art technology to restore normal operation as fast as possible, minimizing the impact on transaction volumes and the customer.

NCR Vision Incident Management sets itself apart from other incident management solutions as its main goal is not only the detection of the fault, but in tracking, automating the fix and providing granular data to help identify the underlying cause(s) of an incident. Using historical tracking and detailed business intelligence reporting, Vision enables the support team by ensuring all details are recorded so they may be able to prevent the problem in the future.

NCR Vision Incident Management interprets the ATM status codes, manages the error messages and escalates them to the relevant service team, as well as enables commands to be sent directly to the ATMs. At the same time, increasing network availability and therefore reducing the associated servicing costs.



BRINGING VALUE TO YOUR OPERATIONS

NCR Vision is a comprehensive incident management solution that includes robust workflow automation, tracking and a full audit trail of the incident life cycle. It provides unrivaled visibility into what is happening in your self-service network and helps you make significant advances in availability, customer experience, and business performance.

There are major benefits to be gained by implementing Vision Incident Management:

- **Exceptional customer experience**—Using Vision Transaction to monitor the current volumes of ATM transactions being processed, financial institutions can proactively reduce the impact of incidents and offer additional services, thereby increasing customer satisfaction. Customer loyalty is the foundation of long term profitability, which makes the concept of customer satisfaction of utmost importance.

- **Cost maintenance and reduction**—Transaction volumes are increasing as a result of more services being transitioned to the ATM. Automated fault detection and ticket management can allow the help desk to focus on more difficult issues, thereby increasing efficiency and decreasing cost. Vision can also scale to support growing fleets and additional services so you only ever need one solution.

- **Unmatched Availability**—Vision ensures that all incidents are logged and not forgotten by maintaining and tracking incident status. Improved fleet management, automated ticket resolution and detailed availability reports helps the team proactively identify incidents before they have an impact.

MANAGE OPERATIONS YOUR WAY WITH ESSENTIAL FEATURES

Combined Business and Operational Data Analysis

Vision provides a centralized point of access to all user-based functions and visibility into both operational data (availability, transaction counts) and business data you need to identify hidden relationships between different performance-influencing factors.

Multivendor Capability:

Vision's scope of support extends beyond the management of NCR ATMs to a diverse range of device types, vendors and network structures. It provides multi-vendor management of ATM's based upon CEN XFS standards. Vision uses software agents to gather data from multiple vendors' ATMs as well as branch devices and kiosks.

Manage your multi-channel banking network with a robust, future-proofed management solution that will simplify your ATM operations management and provide actionable end-to-end reporting.

CUSTOMIZED, AUTOMATED WORKFLOW PROCESSES

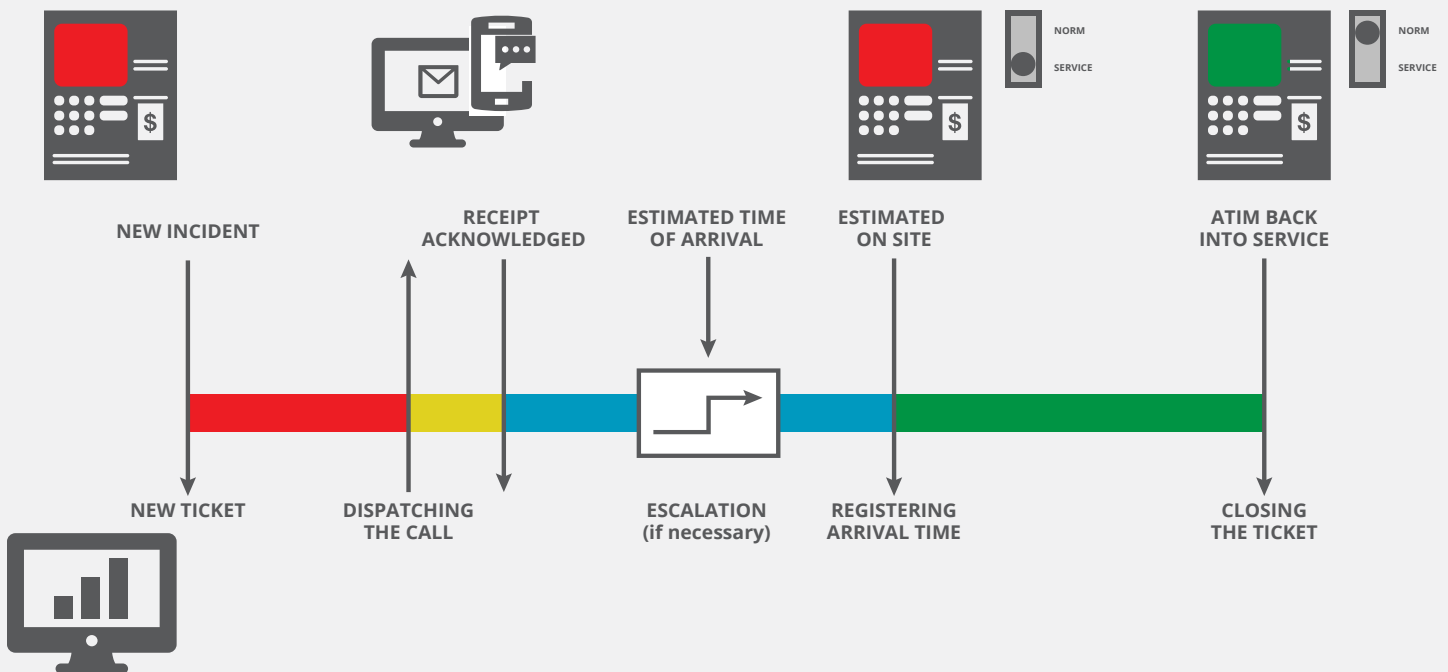
Vision has an extensive automation capability that interrogates incoming device and transaction data per your specified performance objectives, that can create and manage incidents with minimal, manual help desk input. Incident dispatching, escalation, tracking and problem resolution—Vision provides the capabilities for end-to-end automation for solving ATM incidents.

BUSINESS INTELLIGENCE AND ANALYTICS

The ability to correlate and analyze data enables the discovery of hidden relationships between different performance influencing factors, and helps expose the outlying cases that affect the consumer experience that normally would be lost in a conventional management system. Vision incorporates additional database analytics information that goes beyond the traditional ATM status information. It can correlate and compare traditional ATM information with other business information for a more precise performance picture.

When a problem occurs on the ATM network, it is automatically detected by Vision Incident Management, and a new service ticket is created. Vision makes an intelligent decision on how to respond to the ATM problem based on customized workflow rules, such as automatically creating and dispatching the ticket to the relevant service provider. If at any time the repair is not going as it should—for example, if the service team misses their scheduled time of arrival—then Vision will automatically escalate the ticket through the customer defined business escalation rules. Vision will log when the service team arrives on-site and is working to fix the problem. Once the ATM is back in service, the ticket is closed. Each step of the process is logged in detail and the audit trail allows the ATM Support Organization to produce the reporting necessary to make more intelligent decisions around future deployments and services.

Vision Management Solution allows you to run new devices and offer more services to enhance your consumers' self-service banking experiences. It's not just about incident management—it's about improving and transforming the way you serve your consumers.



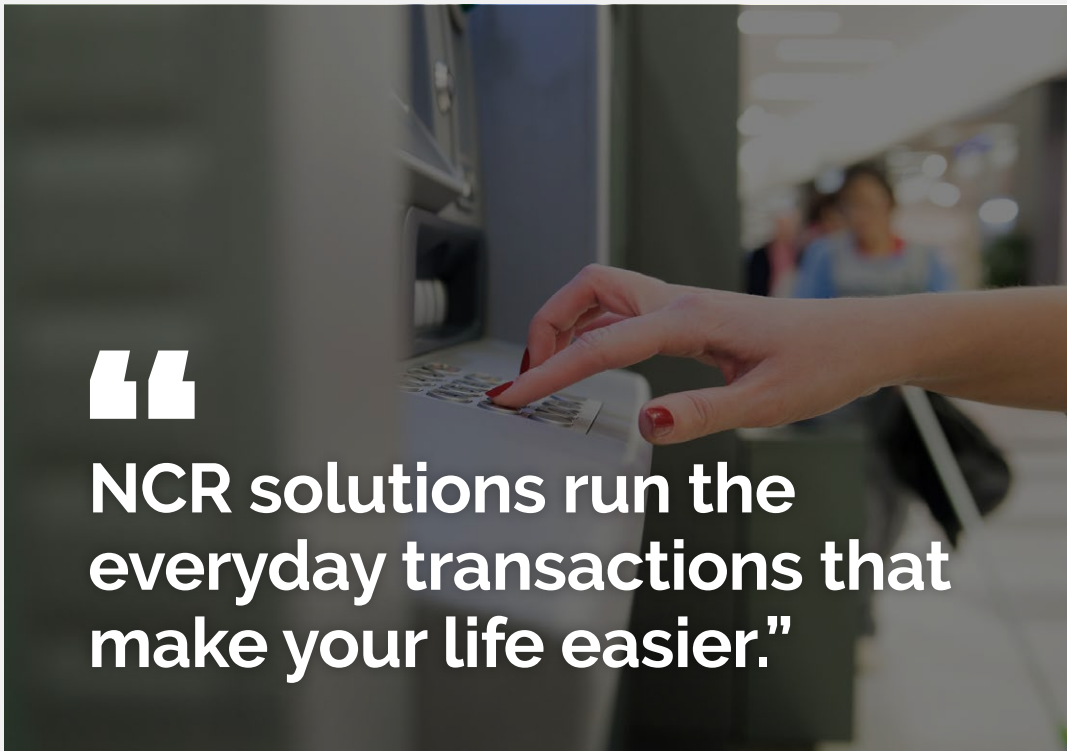
WHY NCR?

NCR Corporation (NYSE: NCR) is a leader in omni-channel solutions, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables nearly 700 million transactions daily across retail, financial, travel, hospitality, telecom and technology, and small business. NCR solutions run the everyday transactions that make your life easier.

NCR is headquartered in Atlanta, Ga., with over 30,000 employees and does business in 180 countries. NCR is a trademark of NCR Corporation in the United States and other countries.



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