

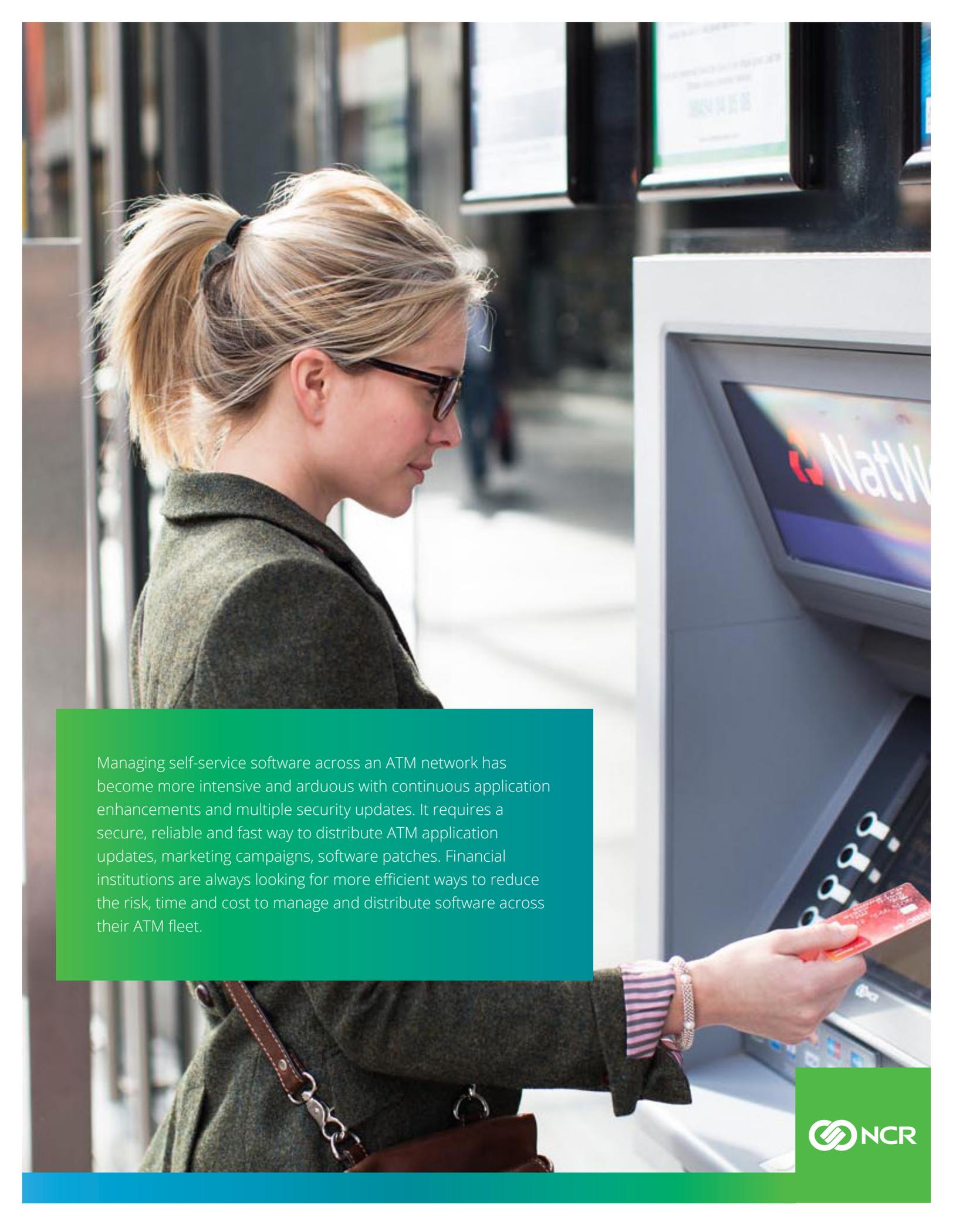


NCR SOFTWARE DISTRIBUTION

DISTRIBUTE CONTENT REMOTELY AND
DOWNLOAD PATCHES AND UPDATES IMMEDIATELY

For more information, visit ncr.com, or email ncr.financial@ncr.com.





Managing self-service software across an ATM network has become more intensive and arduous with continuous application enhancements and multiple security updates. It requires a secure, reliable and fast way to distribute ATM application updates, marketing campaigns, software patches. Financial institutions are always looking for more efficient ways to reduce the risk, time and cost to manage and distribute software across their ATM fleet.

PROBLEM

Financial institutions have a responsibility to provide customers with consistent and secure processes for completing self-service transactions. Achieving that can mean physically visiting each individual ATM in the network and performing software updates, which is quite expensive and not to mention time-consuming.

Understanding which updates are needed for every ATM and demonstrating compliance to the auditors can be a

lengthy and costly process as well, especially if you don't have easy access to your ATM estate or you employ a third-party to perform the query. Without this type of access to update self-service software configurations, it also makes it harder to deliver content according to your schedule, immediately address customer service disruptions and mitigate possible downtime.



SOLUTION

Core competencies of a multi-vendor, centralized software distribution solution include: putting the control back into the hands of the financial institutions, reducing the cost of self-service software management with expedient software updates and reducing risk by providing the ability to ensure the security of the consumers' transactions.

Financial institutions require the right tools to quickly update their self-service network with new enhancements or functionality, address known vulnerabilities, maintain ATM security and reliability, and retrieve information in a timely manner to troubleshoot the problems faced by the customers at the self-service device.

NCR's Vision—Software Distribution application distributes content expeditiously and more effectively than any other software distribution solution available today. It ensures financial institutions are running the latest software and have access to the most up-to-date information regarding their ATM network. Software Distribution makes it simple to manage software by enabling you to download software patches and updates and perform remote distribution, greatly reducing the operating costs by reducing ATM visits, unassisted installs remotely, quickly and inexpensively.

Benefits

Reduce operational costs—Make it work for you

- Centralized access to ATM files to enable rapid resolution to consumer disputes or device incidents
- Reduce operational costs with centralized software and data distribution, eliminating the need for physical site visits.
- Remote operations capabilities reduce on-site technician visits for any ATM troubleshooting activities and achieve faster deployments. Retrieve files, such as diagnostic logs, to help with diagnosing problems on the ATM network, speeding up the resolution process and significantly reducing ATM downtime.

Reduce Risk—Increase Confidence

- Stop fraudulent activity at the ATM and provide comprehensive reporting to support risk audits
- Ensure ATMs are running the most up-to-date software by rapidly distributing required software packages for your ATM network.

Take back control—Enhance customer service

- Distribute, install and manage virtually any type of software package including software updates or operating system upgrades, configuration data, images and videos—how you want, when you want.
- Flexible distribution capabilities allow software updates to be sent to a targeted distribution list of ATMs, such as particular ATM models or ATMs in a specific location or to individual ATMs at a time that is convenient for you.
- Remote control capabilities allow you to achieve faster deployments and reduce on-site ATM visits

Personalize your campaigns and distribute them for the biggest market impact

- Build and distribute campaigns throughout your ATM network whenever it suits you and as often as you like, all at a moment's notice.
- Target specific ATMs or groups of ATMs, such as all branch ATMs or every ATM in a particular geographical location, and even individual ATMs
- By enabling your promotional campaigns to reach your customers faster and at a specific time of day or night, Software Distribution gives you the ability to transform your ATM network into a powerful marketing tool.

NCR utilizes an enterprise-class, secure infrastructure to automate distribution and installation of approved software packages, such as Windows, platform, and application patches across your multi-vendor ATM network. Key features such as bandwidth throttling and audit capabilities ensure successful delivery of software packages, while making certain the functionality of the ATM is not affected.

Key Features include:

1. Software Package Creation Wizard—Effortlessly create packages for distribution and installation with a wizard-driven interactive process.
2. Job Management and Monitoring—Schedule the software package to be distributed to an individual ATM or ATM group during a pre-defined or scheduled time-frame. View the schedule and status of every job through the comprehensive job monitor. Detect and resolve ATM problems quickly by monitoring for

specific conditions or problems, then notifying or responding automatically

3. Remote Operations—remotely manage the ATM configuration and execute commands:
 - Explore the ATM files system and upload files from the ATM
 - View the list of installed services and stop, start, enable, or disable any of the installed services on the ATM
 - View the list of processes currently on the ATM and terminate any selected process Capture a screenshot of the ATM
 - Retrieve registry settings and event log files
 - Execute any command on the ATM and retrieve the results of the command

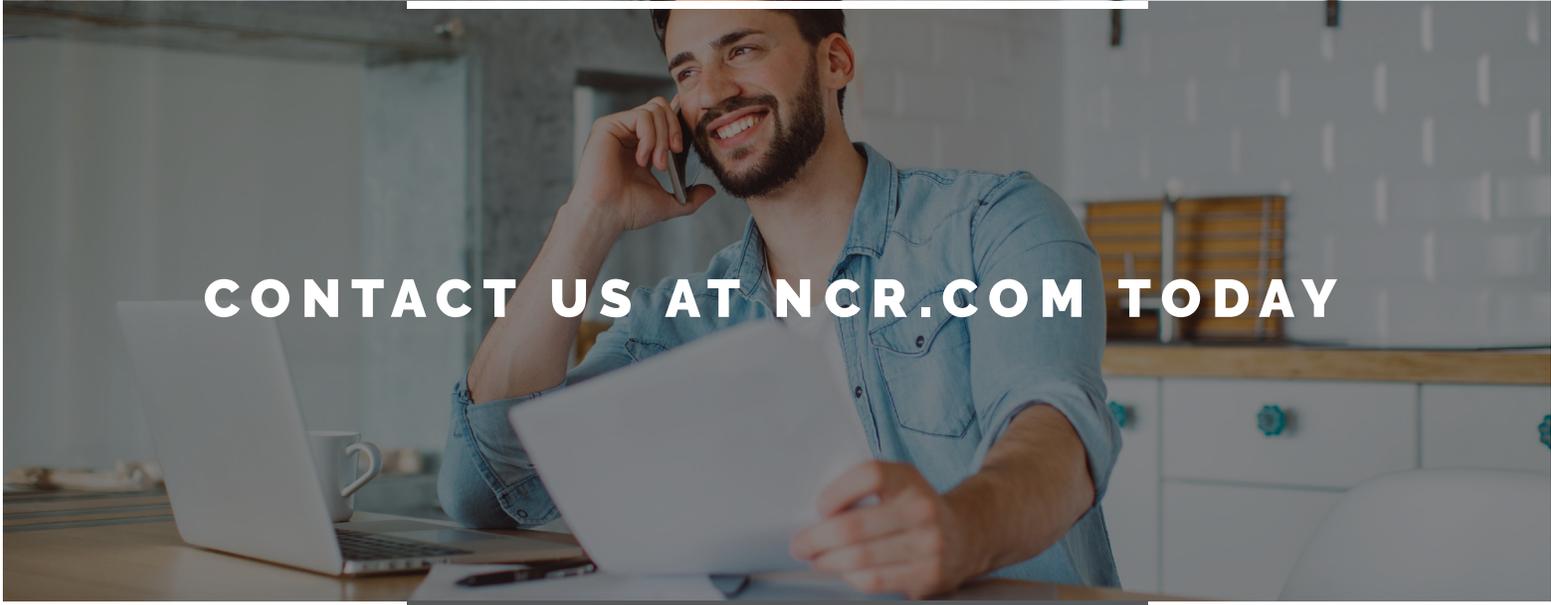


CONCLUSION

Vision—Software Distribution is designed to transform the way you manage your self-service channel software by making it straightforward and operationally efficient, with far greater control than before. Ensure your ATMs are running the most up-to-date, stable applications by updating or patching applications rapidly. Reduce your

support cost with a centralized software management and data distribution. Capitalize on all new opportunities with prompt, economical distribution of marketing campaigns generate a highly configurable distribution target list. Easily provide accurate, up-to-date information on installed hardware and software for regulatory compliance.





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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.

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