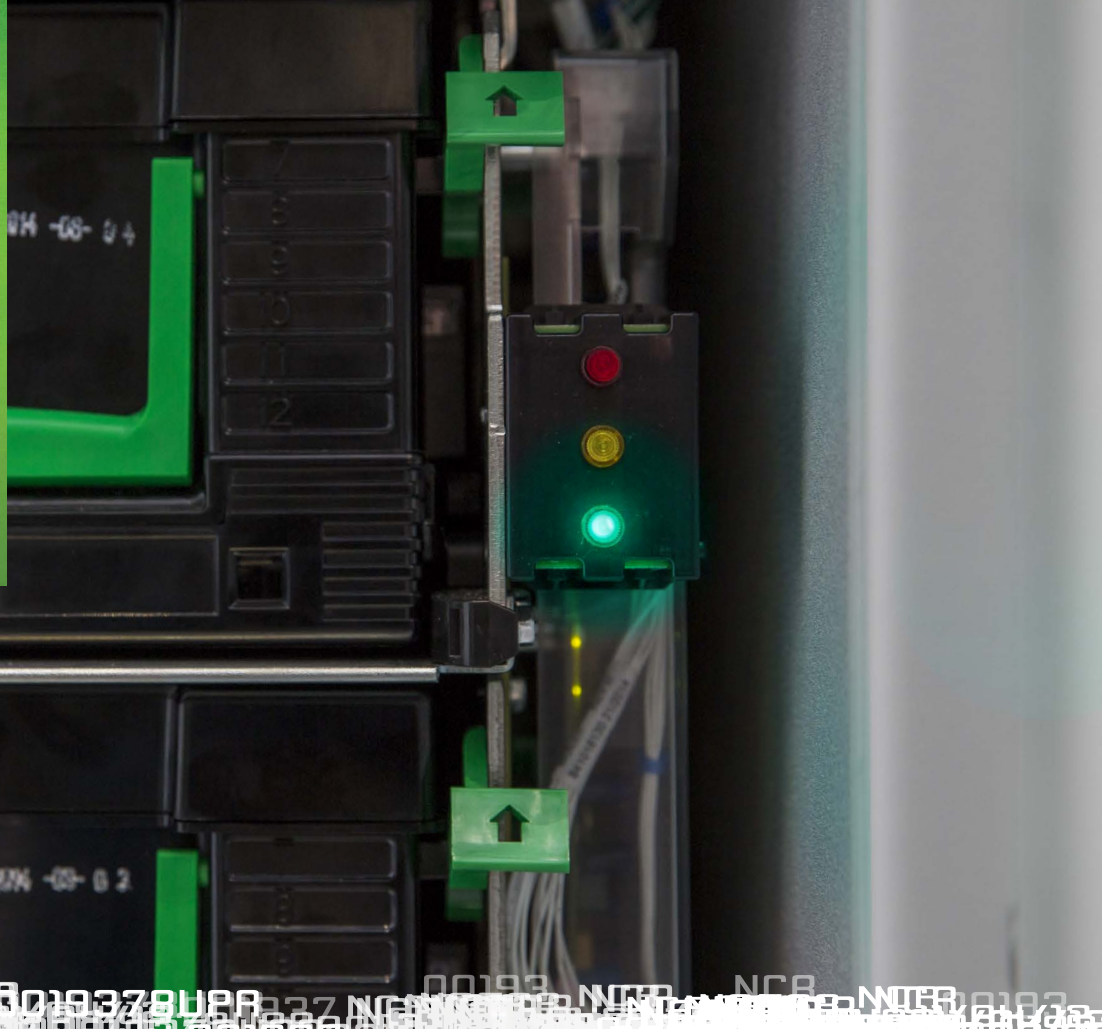


MEDIA HANDLING 2.0
Cash Dispense

S2 MEDIA DISPENSE MODULE



Available for all new NCR SelfServ™ 20,
30 and 90 Series ATMs

An NCR Solutions Guide





What is the S2 Media Dispense Module?

The S2 Media Dispense Module is available across all new SelfServ 20, 30 and 90 series ATMs. The key benefits delivered by the new S2 Media Dispense Module are:

- Higher availability
- Improved serviceability
- Enhanced security

Designed to meet global media handling requirements, the **S2 Media Dispense Module** is key to providing secure and reliable access to cash for consumers at the ATM. This is vital in a global market where cash in circulation is increasing and ATM cash withdrawals continue to increase year on year to in excess of 90 billion transactions totaling over \$14 trillion USD.

Deploying NCR ATMs with S2 technology enables financial institutions to build prosperous financial connections with their consumers.





How is S2 different from S1?

There are a range of new features within the S2 Media Dispense Module, as part of Media Handling 2.0 from NCR, including a redesigned note transport and presenter mechanism, separate compartments for purged notes, single note divert as well as a new cassette loading and identification system.

The main differences of the S2 Media Dispense Module versus the S1 Dispenser are:

Features	S2 Media Dispense Module	S1 Dispenser
Bunch Capacity	Up to 60 notes	Up to 40 notes
Cassette Capacity	346mm (up to 2,500 notes*)	295mm (up to 2,133 notes*)
Single Note Divert	Yes (100 Notes)	No
Separate Purge Bin	Yes (option for 2)	No
Note Pick Speed	5 notes per second	4 notes per second
Transport Design	Carriage	Belt Driven
Anti-overfill cassettes	Yes	No
Cassette Type	Up to 12 note denominations	Up to 4 note denominations
Number of Cassettes	4 (8 dual dispense)	4 (8 dual dispense)
Pick Technology	Vacuum based (adaptive pick)	Vacuum based



S2 Media Dispense Module Features



- Increased note present and **bunch capacity** up to 60 notes–**A 50% increase**
- Increased **cassette capacity** to store up to 2,500 notes
- Simplified range of service parts–via **7 key compact field replaceable units**
- Optimal note picking performance using **vacuum based adaptive pick** technology
- Secure and **reliable carriage based transport**–programmable to deliver “clean sweep” of note transport area, checking for any fraudulent trapping devices
- **Anti-overfill mechanism** in each cassette–unique to NCR
- Single note divert capability to **minimize purge bin overfill** and maximize efficient use of media within the dispenser
- **State of Health Indicators**–utilizing a traffic light interface, providing servicing with a real-time visual guide regarding the ATM module’s overall well-being at any time
- Separate purge bin compartments–**simplify reconciliation and dispute resolution**
- **Easy cassette configuration** using a new highly reliable wheel based cassette ID system, with note height guides that are easy to assemble



Why introduce S2 now?

As part of NCR's broader media handling excellence strategy named Media Handling 2.0, NCR continues to invest in its core ATM technology. We continue to invest in our core ATM technology underpinned by our broader media handling excellence strategy - Media Handling 2.0. The S1 dispenser has been the industry's leading dispenser for over a decade and with the S2 Media Dispense Module, NCR is helping future proof your ATM estate by addressing the following challenges:

- **Increased consumer demands**

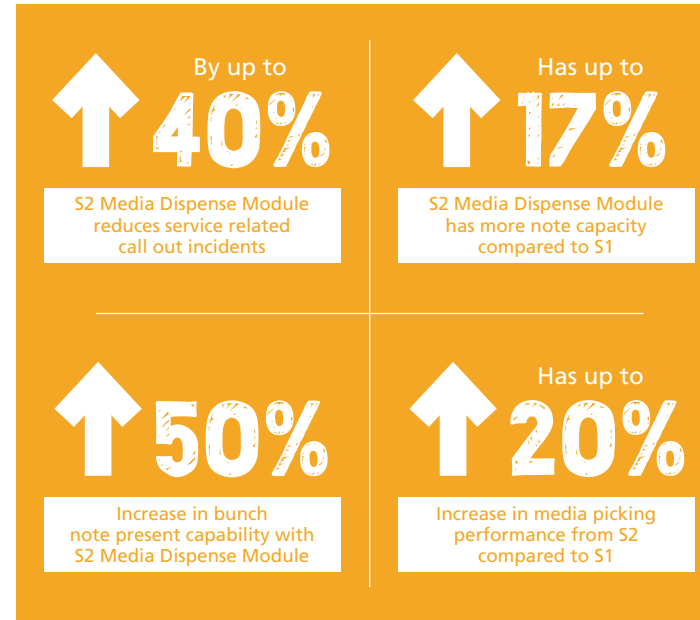
Consumer expectations have never been higher. Cash continues to be the primary means of payment in most countries and this in turn drives demand for fast, secure and convenient access to cash. Year-on-year we also seeing more cash in circulation than ever before. This is true both in emerging countries as well as mature markets.

- **Financial institution expectations**

All banks continue to demand higher availability, improved performance, increased security and service efficiencies at the ATM. In short, banks have to lower the cost to serve their customers. The S2 Media Dispense Module is able to handle poorer note quality and variance, a mix of polymer and paper notes as well as a range of new security features.

- **Changing service landscape**

There is a large variance in Customer Engineer skills and experience around the world. Also, as banks deploy into wider and more remote geographies, this brings a number of environmental challenges such as greater exposure to environmental conditions. These include: dust, sand, temperature fluctuations, installations in very cold climates, to hot and humid climates, which impact the performance of any older dispenser.



S2 Media Dispense Module and SelfServ ATMs



NCR understands the importance of media handling excellence to our customer's business.

NCR's S2 Media Dispense Module offers Financial Institutions a dispenser module capable of meeting the needs of today's market. The enhanced cash capacity and operational improvements will improve security, servicing and drive higher availability at the ATM. In turn, this drives greater customer service and channel availability in any location.

The S2 Media Dispense Module is now available across all new 20 series and 30 series of ATM solutions as well as Interactive Teller and Interactive Banker and all new solutions going forward.

[Learn more](#)



WHY NCR?

NCR Corporation (NYSE: NCR) is the global leader in consumer transaction technologies, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables more than 550 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 Duluth, Georgia 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. The company encourages investors to visit its web site which is updated regularly with financial and other important information about NCR.

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