

MEDIA HANDLING 2.0 CASH DISPENSE

S2 MEDIA DISPENSE MODULE

AVAILABLE FOR ALL NEW
NCR SelfServ™ 20, 30 AND 80 SERIES ATMs

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



WHAT IS THE S2 MEDIA DISPENSE MODULE?

The S2 Media Dispense Module is available for all new SelfServ 20, 30 and 80 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 106 billion transactions totaling almost \$14 trillion USD*.

Deploying NCR ATMs with S2 dispenser technology enables financial institutions to better serve their customers, through a range of operational and service improvements.

*Source: Retail Banking Research - Global ATM Market and Foecasts to 2022



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 S2 Media Dispense Module is available in a 5 high module configuration (with dual dispense option). This gives up to 10 cassettes on the NCR SelfServ 80 Series multi-function range of ATMs, providing industry leading capacity of up to 25,000 notes.*

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



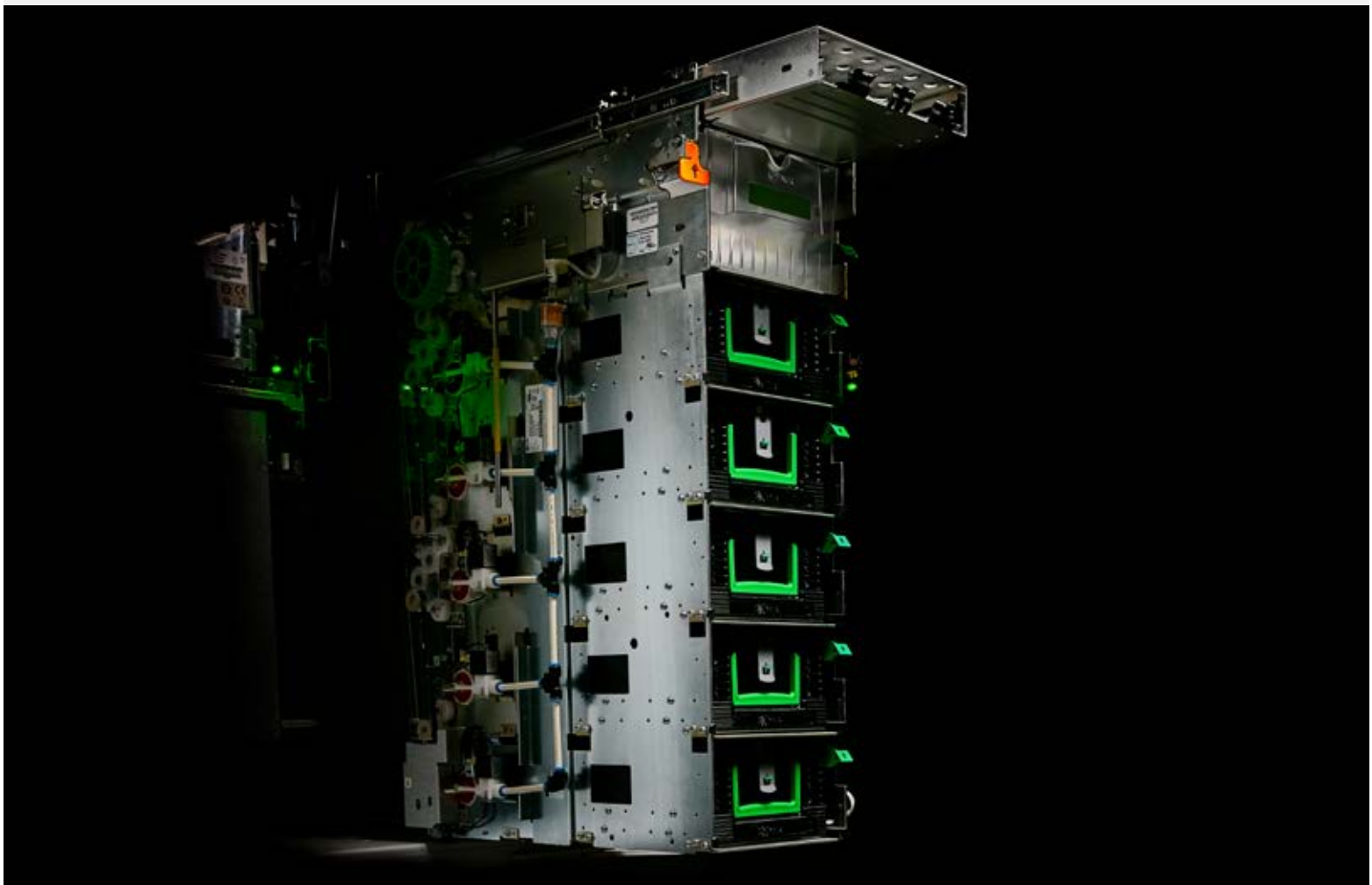
FEATURES	S2 MEDIA DISPENSE MODULE	S1 DISPENSER
Note Capacity	Up to 60 notes	Up to 40 notes
Cassette Capacity	346mm (up to 2,500 notes*)	295mm (up to 2,133 notes*)
Single Note Divert	Yes (100 notes)	No
Separate Purge Bin	Yes (option for 2)	No
Note Pick Speed	5 notes per second	4 notes per second
Transport 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 or 5** (8 or 10** dual dispense)	4 (8 dual dispense)
Pick Technology	Vacuum based (adaptive pick)	Vacuum based

*Dependent on quality and thickness. Capacity may vary by country, currency, type, condition and quality of notes.

**5 cassette and 10 dual dispense only available on multi-function configurations.

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-overflow mechanism** in each cassette – unique to NCR
- Single note divert capability to **minimize purge bin overflow** 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. 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

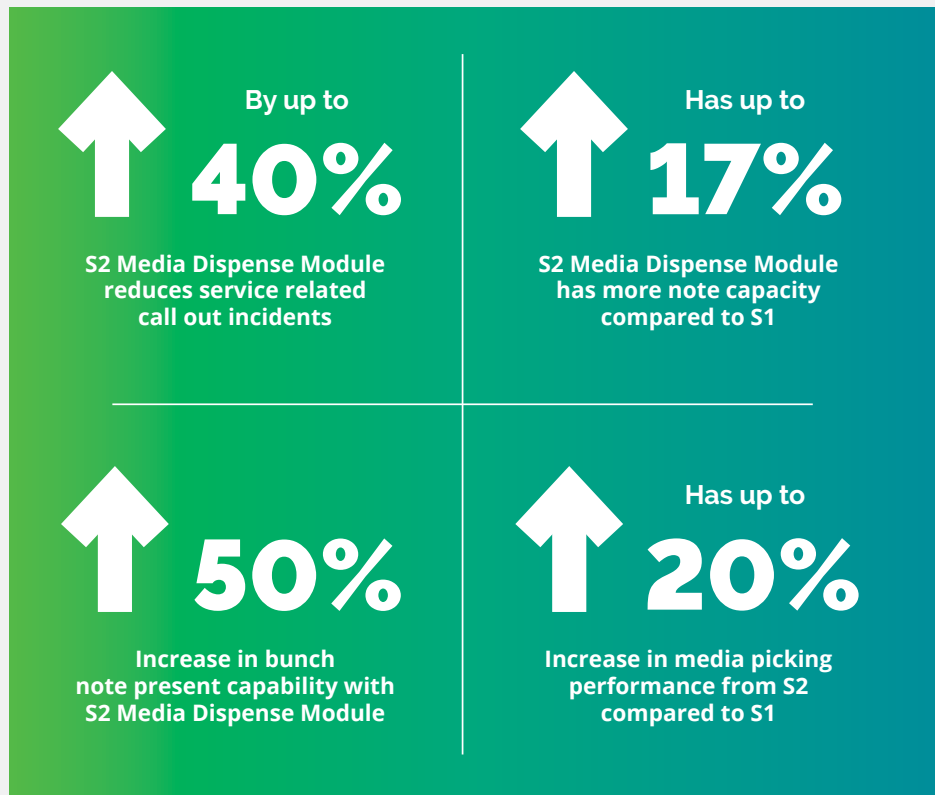
Consumer expectations have never been higher. Cash continues to be the primary means of payment in most countries and this in turn drives demand for fast, secure and convenient access to cash. Year-on-year we also see more cash in circulation than ever before. This is true both in emerging countries 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 dispense 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 SelfServ 20, 30 and 80 Series ATM solutions as well as Interactive Teller and Interactive Banker and all new solutions going forward.





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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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