

## DATASHEET

# Next Generation of Self-Service with Sigma DS4K

## Now Better Together with the NCR SelfServ™ 81

### OVERVIEW

Entrust is proud to extend its partnership with NCR Atleos by integrating each company's most innovative self-service solution together. With two leaders in self-service instant issuance in one project, financial institutions can enjoy a seamless process that elevates their self-service offering.

Our partnership has evolved to enable instant physical debit and credit card issuance via interactive teller machines (ITMs) to deliver frictionless digital-first experiences driven by NCR Atleos' mobile-centric digital platforms. Entrust and NCR Atleos have been offering self-service issuance since 2021 in more than 900 locations to issue millions of cards.



### SIGMA DS4K

- Entrust Sigma Financial Card Printers are specifically designed for today's cloud environments and give you the ability to easily issue the most secure financial cards in the world
- Our industry-leading issuance security architecture will keep your cards and your customers' data safe and secure each step of the process
- Forward-thinking technology and scalability allow you to expand your card issuance program as your needs evolve

### NCR SELFSEV 81

- Ready out of the box to work with NCR Atleos Interactive Teller Assisted Service Software
- Supports NCR Atleos ATM Management SW Platform
- Service intervention process improvements
- Built-in security for more effective risk management and fraud prevention

## BENEFITS

Choosing Entrust and NCR Atleos together offers unparalleled benefits for financial institutions looking to enhance customer satisfaction and operational efficiency. Here are two compelling reasons why they are the perfect match:

1. **Seamless Banking:** NCR SelfServ 81 and Sigma DS4K offer a streamlined experience with up to 70% faster service. Enjoy intuitive interactions and instant card issuance for a banking journey that's not just efficient, but memorable.
2. **Optimized Security and Efficiency:** NCR SelfServ 81 and Sigma DS4K's synergy can boost fraud protection by 30% and operational efficiency by 20%, for a safer, more profitable banking experience.

## QUANTIFIABLE RESULTS

### Increased Service Availability

- Potential to increase service availability by 40% with extended hours and self-service options

### Reduced Wait Times

- Immediate card issuance reduces customer wait times by up to 70%, enhancing customer satisfaction

### Enhanced Security

- Integrated security features can reduce fraud incidents by 30%, providing safer banking experiences

### Improved Customer Engagement

- Personalized and targeted marketing through NCR Atleos' platform can increase customer engagement and cross-sell opportunities by 25%

### Operational Efficiency

- Streamlined service processes and reduced manual interventions can improve operational efficiency by 20%, reducing costs and increasing profitability



	Customer Challenges	Solution
Extended Service Hours	Banks and financial institutions struggle to provide extended service hours to meet customer demands	<ul style="list-style-type: none"> <li>• <b>NCR SelfServ 81 ATM</b> extends service hours with live teller support, providing customers with access to banking services beyond traditional hours</li> <li>• <b>The Sigma DS4K</b> system allows for instant issuance of personalized financial cards at any time, reducing wait times and improving customer satisfaction</li> </ul>
Personalized and Secure Card Issuance	Customers need immediate, personalized, and secure card issuance while maintaining privacy and data security	<ul style="list-style-type: none"> <li>• <b>NCR SelfServ 81 ATM</b> enables personalized customer interactions and targeted marketing through the NCR Atleos ATM Management Platform</li> <li>• <b>Sigma DS4K</b> ensures secure card issuance with its robust security features, including dual-control access, encrypted data, and secure boot processes</li> </ul>
Enhanced User Experience	Ensuring an engaging and intuitive user experience for ATM and card issuance operations	<ul style="list-style-type: none"> <li>• <b>NCR SelfServ 81's</b> multi-touch Infinity Display and customizable LED indicators provide an engaging and intuitive user interface</li> <li>• <b>Sigma DS4K's</b> user-friendly interface, pre-loaded ribbon cassettes, and QR code access to support videos enhance the card issuance experience</li> </ul>
Integration With Existing Systems	Seamless integration with existing IT infrastructure and scalability as business needs grow	<ul style="list-style-type: none"> <li>• Both solutions are designed for seamless integration with existing banking systems. NCR Atleos' platform supports digital and physical operations, while Sigma DS4K offers flexible deployment options and scalability</li> </ul>
Fraud Prevention and Security	Addressing the increasing risk of fraud and ensuring secure transactions	<ul style="list-style-type: none"> <li>• <b>NCR SelfServ 81</b> includes advanced security features such as a strengthened shutter, consumer cameras, and an integrated SPS card reader</li> <li>• <b>Sigma DS4K</b> employs dual-control access, encrypted communications, and a Trusted Platform Module for secure card issuance and data protection</li> </ul>

## UNMATCHED SECURITY

### Sigma DS4K

- Dual-control access with security locks protects card stock, supplies, and rejected cards, meeting Visa and Mastercard security requirements
- Secure boot protects system from malware or virus on boot-up
- Trusted Platform Module (TPM) manages the printer's own TLS/SSL certificates and keys
- Customer data is encrypted and is not stored in the printer after printing is complete

### SelfServ 81

- Supports "picture in picture" security
- Privacy-filtered-enabled display
- Cameras – third-party consumer camera and optional cash slot camera enabled
- Strengthened Secure Shutter (SSS)
- Integrated "flush" Skimming Protection Solution (SPS)
- Safes: CEN I, CEN III GasEx, CEN IV GasEx

## FLEXIBLE, SCALABLE, AND EASILY INTEGRATED INTO YOUR IT ENVIRONMENT

### Sigma DS4K

- Issuance capabilities include:
  - Full-color or monochrome direct-to-card printing
  - Magnetic stripe encoding
  - Contact or contactless smart card encoding
- Choose on-premises or cloud-hosted deployment
- Easily expand your issuance program as your needs change
- A full suite of services is available to help ensure your instant issuance program runs smoothly at every one of your branches

### SelfServ 81

- Infinity display – Supports multi-touch 15" or 19" LCD screen and provides integrated customized branding opportunities for financial institutions
- Enhanced ATM module reliability via Media Handling 2.0 – Provides flexible, future-proofed dispense, deposit, and recycling options, as well as a performance-enhanced durable design
- Card reader – EMV-ready (dip, motorized IMCRW)
- Contactless – Integrated reader (via card, smartphone, or smartwatch)

Learn more about the MX Series at [entrust.com](https://www.entrust.com)

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