



# DN Series<sup>®</sup>

Built to Connect.  
Built for More.<sup>™</sup>

VYNNAMIC<sup>®</sup>  
SOFTWARE



**The way people bank is changing,  
and the ATM is a critical digital channel in  
a modern connected journey. DN Series®  
delivers a more personalized experience  
in a more integrated solution.**



# Discover More of What You Want... And More of What They Need

## More Personalized

Engaging, consistent, research-based design coupled with powerful Vynamic® Marketing Software enables you to personally connect with consumers at the intersection of physical and digital channels.

## More Integrated

A common solutions platform supported by innovative software, smarter services and connected hardware ensures more seamless integration into your organization's channel ecosystem.

## More Available

Ensure customer satisfaction across your network with smart devices and connected services that integrate big data, machine learning and advanced analytics to inform and orchestrate the actions of our remote and field service capabilities.

## More Efficient

Maximize efficiencies through your self-service channel with scalable, tailored solutions to address your branch transformation strategies. Transform a DN Series system from a cash dispenser to a cash recycler with a simple software update. Now you can gain efficiencies through a recycling-based platform paired with cash cycle optimization software.

## More Future-Ready

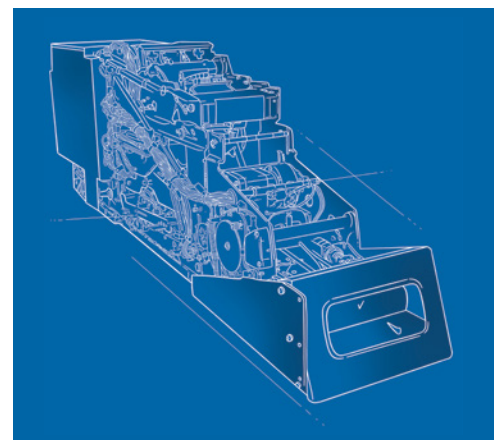
Accommodate consumer demands and changing business needs faster than ever before with DN Series. Agile, field-upgradeable modules and user interface components enable you to evolve as fast as your consumers. Merge the physical and digital to deliver a seamless, secure touchpoint.

## More Secure

Exceed your risk-based security needs with DN Series' foundational level of security, paired with optional layers of protection against physical, data and cyber threats.

## More Sustainable

Minimizes power use, reduces service and CIT trips, and optimizes resources—supporting your sustainability goals at every step.



# The Most Scalable, Integrated Self-Service Solution On the Market



Software That Connects  
the ATM to Your Branch  
and Digital Channels

Modular Design That  
Enables Agile Upgrades

From Receipt Printer  
to eReceipts

From Card Reader to  
NFC and Biometric

Latest Generation  
DN Media Engine

Universal Safe Platform

Compact Footprint

DN Series® | Built to Connect. Built for More.™



# DN Series® is Built for MORE Sustainability

**Reduction of CO<sup>2</sup> emissions, both in the manufacture, processing and transport of components and solutions:**

- Made from recyclable materials and recycled material
- 25% lighter than most older generation ATMs

**Up to 60% energy savings compared to old generation ATMs. All DN Series® use:**

- State-of-the-art LED technology
- Power consumption optimization systems

**Significant reduction in vehicle emissions if connected to DN AllConnect<sup>SM</sup> Data Engine, then DN Series® enables:**

- Best ATM fleet monitoring
- Maximizing availability
- Reduction of service helpdesk calls and maintenance interventions
- Optimization of CIT visits



# Globally Proven Fourth-Generation Media Recycling Engine

Up to

# 40%

**PERFORMANCE  
IMPROVEMENT**

from previous-generation  
recycling engines.

Up to

# 2X

**MORE DEPOSIT  
CAPACITY**

Expanded  
throughput of up to

# 300

**NOTES**  
per transaction

Up to

# 9

**DENOMINATION  
OPTIONS**

Simpler note transport features  
**HALF THE TURNS**

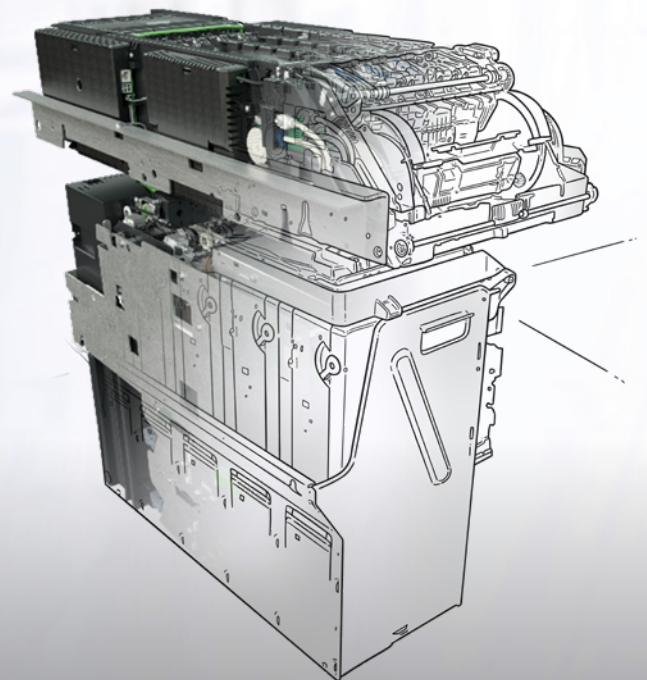
of previous generations,  
preventing jams and driving  
higher uptime.

Long-edge note handling  
offers **MORE RELIABLE  
CONTROL** over the note and  
its direction than traditional  
short-edge methods.

Foreign object detection ensures  
**CONTINUOUS OPERATION**  
and **MAXIMUM RELIABILITY**.

**PROPRIETARY RECOGNITION  
TECHNOLOGY** distinguishes  
between fit, unfit and  
counterfeit media.

**RECYCLING TECHNOLOGY** is  
based on in-house intellectual  
property, built to be fully  
integrated into our solutions  
for maximum performance.



# 7th Generation Cash Dispenser Engine— Redefining Dispensing Capacity & Performance

- Integrated, non-split module architecture ensures compactness without compromising functionality, while enabling faster serviceability and simplified component handling across the entire cash cycle.
- Every vital component is designed and developed in-house, backed by a portfolio of over 3,000 Own-IP patents.
- Up to 40% PERFORMANCE IMPROVEMENT from previous generation dispensing engines.
- Smallest Footprint 0.31 m<sup>2</sup> (3.34 ft<sup>2</sup>)\*
- Maximum Capacity: 14,000\*\*
- Up to 8 denomination and/or multicurrency options\*\*
- Exchangeable “V”-Cassettes - unified technology architecture that bridges the functional divide between ATMs and teller systems.
- The development of the DM7V was deeply informed by real-world consumer studies and usability research.

\*in the standard capacity version

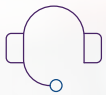
\*\*in the high capacity version



# Higher Availability = Better Consumer Experience

Powered by DN AllConnect Services<sup>SM</sup>, DN Series enables seamless connectivity by leveraging IoT technology with big data, machine learning and analytics to drive improved availability and performance, benefiting you and your consumers alike.

Today's tools don't exactly fit on a tool belt:



Connected Service



Big Data



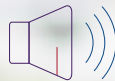
Machine Learning



Advanced Analytics



Proactive Insights



Smart Sensors

Why should it matter to you? We're using built-in, data-driven performance monitoring capabilities to deliver on our mission:

**“The right technician, the right part,  
the right ATM, at the right time.”**

You'll benefit from:



Higher Availability  
and Performance



Prolonged  
Lifecycle of Devices



Improved Customer  
Experience and  
Satisfaction

# Teller Automation

## CONVENIENCE

Teller automation solutions now enable 90% of transactions to be automated, delivering faster and smoother transactions at the branch—reducing wait time for customers and reduce stress on tellers.

## EFFICIENCY

A teller using automated cash handling can generate as much as a 1.5x increase in throughput while the accuracy can be expected to increase, reducing balance issues. Also, the number and time spent on vault activities can be reduced by as much as 80%.

## SECURITY

Physical security of the cash, staff and customers will be improved because the money is stored in a safe and not in an open drawer, reducing the incentive for robberies. A TCR also accepts less counterfeits and reduces internal fraud.



# Closed Branch Cash Cycle

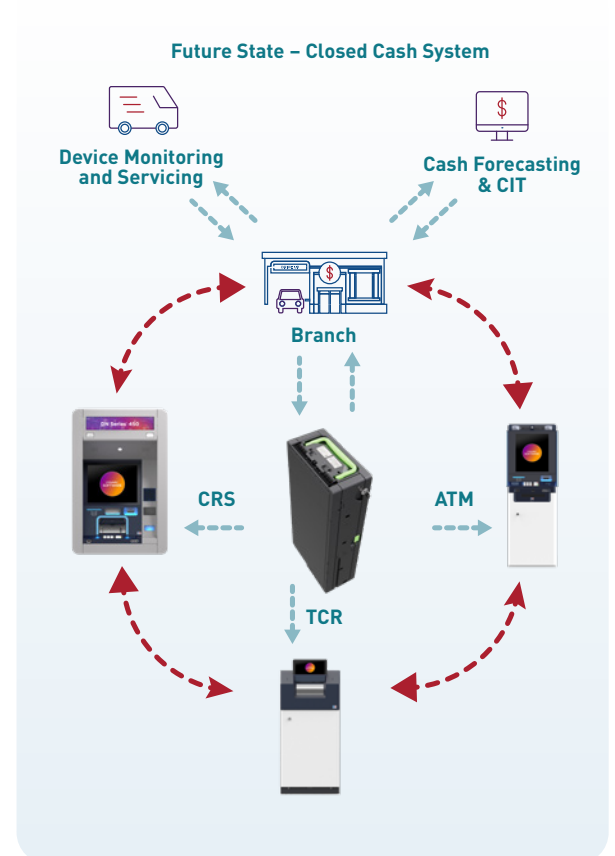
A closed branch cash cycle involves technologies like Teller Cash Recyclers (TCRs), DN Series Cash recycling ATMs and/ or Cash Dispensing ATMs with interchangeable DN Series V-cassettes, automated cash forecasting, and integrated monitoring and servicing.

## TOP USE-CASES FOR IN-BRANCH CASH RECYCLING

- **Balancing** the cash position within the branch
- **Consolidating** the cash levels between the front and back office
- Enabling a **flexible cash exchange** via a single end-to-end note storage

## YOUR GENERATED VALUE

- Significantly reduced CIT visits
- Better **transparency** of cash position and amount
- Higher cash **usability** rate
- Higher Customer **Satisfaction**



# Light Up the Night (and Day) with 250+ Color Options



# Integrate New Transaction Sets

Enable the transactions your consumers have been asking for, with our powerful DN Vynamic® software suite. Better engage and grow wallet share: offer consistent transactions across every channel.



Enhanced Marketing Capabilities



Complete Connectivity to the Branch Environment



Two-Way Teller through Video at the ATM



Transaction Processing, Now Conducted Directly to the Core



Automate Complex Small- and Medium-Business Transactions



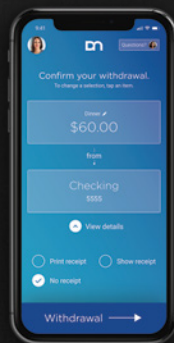
Instant Account Crediting



Cardless Access & Withdrawals



Configurable Cash Options Including Split Deposit and Multiple Denominations



# Automate. Digitize. Transform.

Meet the family that will change the way  
you think about self-service forever.



**DN Series®** is the most advanced family of self-service solutions in the smallest footprint. Power connections between physical and digital channels, with more personalization, more efficiency and more availability, to drive deeper connections with your customers.



# Lobby ATM Systems

Deploy these indoor units in the branch or at other retail locations to bridge the physical and digital ecosystem for consumers and empower them to access financial services when, where and how they'd like in a smaller footprint.



**100D**

- 15" display with multi-touch support
- Cash dispenser
- NFC and barcode scanner for mobile-based interactions
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled



**200**

- 15" or 19" displays with multi-touch support
- NFC and barcode scanner for mobile-based interactions
- Biometrics
- Cash recycling engine\*
- Check deposit or coin dispense
- Additional sidecar for more functionality
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled
- LED branded colors on all entry/exit guide lights and privacy wings

\*on request also available with CMD-V6A dispenser engine



**300**

- 15" or 19" displays with multi-touch support
- Cash dispenser
- NFC and barcode scanner for mobile-based interactions
- Biometrics
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled
- LED branded colors on all entry/exit guide lights and privacy wings



**400**

- 15" or 19" displays with multi-touch support
- NFC and barcode scanner for mobile-based interactions
- Biometrics or ID Scanner
- Cash recycling engine\*
- Check deposit and coin dispense
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled
- LED branded colors on all entry/exit guide lights and privacy wings

\*on request also available with CMD-V6A dispenser engine

# Through-the-Wall ATM Systems

Through-the-Wall units provide flexibility in your deployment needs—whether indoor, outdoor or in a vestibule area. DN Series Through-the-Wall units integrate seamlessly into your branch environment.



## 150D

- 15" display with multi-touch support
- Cash dispenser
- NFC and barcode scanner for mobile-based interactions
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled
- Fits into legacy wall openings



## 250

- 15" displays with multi-touch support
- NFC and barcode scanner for mobile-based interactions
- Biometrics
- Cash recycling engine\*
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled
- LED branded colors on all entry/exit guide lights
- Fits into legacy wall openings

\*on request also available with CMD-V6A dispenser engine



## 350

- 15" with function keys and/or touchscreen OR 19" landscape touchscreen
- Cash dispenser
- NFC and barcode scanner for mobile-based interactions
- Biometrics
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled
- LED branded colors on all entry/exit guide lights
- Fits into legacy wall openings



## 450

- 15" or 19" displays with multi-touch support
- NFC and barcode scanner for mobile-based interactions
- Biometrics and ID scanner
- Cash recycling engine\*
- Check deposit and coin dispense
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled
- LED branded colors on all entry/exit guide lights
- Fits into legacy wall openings

\*on request also available with CMD-V6A dispenser engine

# Outdoor Through-the-Wall Drive Up or Island Multi-Function ATM

Built to withstand the harshest conditions and elements, our drive-up units will transform your drive-thru lane and free your branch staff to engage more deeply with consumers in this 24x7 channel.



## 470

- 15" or 19" displays with multi-touch support
- NFC and barcode scanner for mobile-based interactions
- ID scanner
- Cash recycling engine\*
- Check deposit and coin dispense
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled
- LED branded colors on all entry/exit guide lights
- Fits into most legacy wall openings

\*on request also available with CMD-V6A dispenser engine



## 490

- 15" or 19" displays with multi-touch support
- NFC and barcode scanner for mobile-based interactions
- ID scanner
- Cash recycling engine\*
- Check deposit and coin dispense
- DN AllConnect® Services enabled
- LED branded colors on all entry/exit guide lights
- Vynamic® Software Suite enabled

\*on request also available with CMD-V6A dispenser engine

# Outdoor Walk Up ATM

Our Outdoor Walk-Up Units can withstand the harshest weather conditions and are built to be more secure, so you can reach your consumers right where they are.



## 230

- 15" display with multi-touch support
- Cash dispenser
- NFC and barcode scanner for mobile-based interactions
- Biometrics
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled
- LED branded colors on all entry/exit guide lights



## 430

- 15" or 19" landscape display with multi-touch support
- NFC and barcode scanner for mobile-based interactions
- ID scanner
- Cash recycling engine
- Check deposit module
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled

# Dual Tower – High-Capacity Cash Recycler

Offer expanded functionalities within one system: High-capacity cash recycling, ITM functionality for more services and more customer connections.



**500**

- 15" or 19" multitouch screen
- Cash dispense and recycling functionality
- NFC and barcode scanner for mobile-based interactions
- Check deposit and coin dispense
- ITM Module for advanced customer transactions
- ID reader
- Passport/ID scanner
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled
- LED branded colors on all entry/exit guide lights and privacy wings



**550**

- 15" or 19" multitouch screen
- Cash dispense and recycling functionality
- NFC and barcode scanner for mobile-based interactions
- Check deposit and coin dispense
- ITM Module for advanced customer transactions
- ID reader
- Passport/ ID scanner
- DN AllConnect® Services enabled
- Vynamic Software® Suite enabled
- LED branded colors on all entry/exit guide lights

# Teller Automation

Fast, fully automated teller systems, like the compact DN Series 600V teller cash recycling system, provide reliable, accurate note handling and authentication while expediting service delivery, increasing operational efficiency, and boosting cash security within the branch.



**600V**

- 10.1" touch display
- Cash recycling engine
- DN AllConnect® Services enabled
- Vynamic® Software Suite enabled

# Add-On Transactions

Expand your ATMs functionalities easily with a sidecar to offer consumers more options at the self-service channel.



## Coin Sidecar

- Installation variants:  
Indoor, frontload or rearload model
- Coin deposit: count rate up to 1,200 coins/minute
- Coin dispenser (optional):  
8 coin hoppers
- User guidelights on coin compartment and reject bin (RGB)
- Controlled via DN Series 200, 400 and 500



## ITM Sidecar

- Installation variants:  
Indoor, frontload or rearload model
- ID reader
- Passport/ ID scanner
- Signature pad
- Wireless handset
- Consumer interaction: controlled via DN Series 200
- User guidelights



Diebold Nixdorf

