

# FUTUREX PDS9000

PIN DISTRIBUTION SERVER

A Complete PIN Generation and Distribution Solution  
for Banks and Financial Institutions



## Extraordinary Convenience in a Cost-Effective Package

The Futurex PIN Distribution Server 9000 represents a revolutionary shift in the traditional model of PIN handling. We have crafted the device to be the centerpiece of an automated solution that encompasses both in-branch and mail-based PIN generation, distribution, and mailing.

## Comprehensive Security From Start to Finish

No matter how your customers receive their PINs, the PDS9000 is designed to instill total confidence in the process. Physical mail interception and fraud remains a significant risk even in today's modern technological environment, which is why we have designed the PDS9000 with numerous security features to combat these threats. From our highly secure FIPS 140-2 Level 3-certified Tamper Resistant Security Module (TRSM) to the tamper-evident envelopes used by the folding and sealing printer, we protect your customers' sensitive personal data from start to finish.

## Robust Functionality and Scalability

Whether you are issuing an individual PIN for a new customer or setting up an automated system to distribute PINs to a virtually limitless amount of individuals, the PDS9000 is able to provide the same high level of user-friendly operation. We have incorporated cutting-edge features to give you the enhanced functionality, stability, and scalability that you deserve.

## Setting the Standard

Maintaining focus on security and regulatory compliance is of utmost concern for banks and financial institutions. For more than 28 years, this has been Futurex's number one priority. All of our devices are designed to comply with all relevant regulatory requirements and anticipated future developments. Our world-class engineering team takes pride in exceeding the bare minimum of requirements and continually strives to produce innovative devices that lead the industry in security, speed, and functionality.

### A Complete PIN Generation and Distribution Solution for Banks and Financial Institutions

- Automates the PIN generation and distribution process
- Rapidly prints secure, tamper-evident PIN mailers
- Seamlessly integrates into your card preparation infrastructure

## SPECIFICATIONS

# PDS9000

### Dimensions & Weight

Space: 1U

Weight: 33 lbs (15 kg)

### Meets Industry Compliant Standards

PCI DSS

FIPS 140-2 Level 3

ANSI X9.24 part 1 and part 2 for Symmetric and Asymmetric Key Management—TR-39

RoHS

FCC Part 15 - Class B

### Operating Conditions

Power requirements: 100 – 230 VAC 50/60 Hz. 400 Watts

Operating temperature: 50° to 95°F (10° to 35°C)

Storage temperature: -40° to 149°F (-40° to 65°C)

Operating relative humidity: 20% to 80% non-condensing

Storage relative humidity: 5% to 95% non-condensing

### External Hardware Requirements

Keyboard: Standard PS/2 or USB

Mouse: Standard PS/2 or USB

Video: Standard PS/2 SVGA 1024x768 at 75Hz refresh\*

PostScript-compatible printing and sealing device\*\*

\*Note: the refresh is high speed and may not work with older monitors

\*\*May be purchased directly through Futurex

### PDS9000 Unit Includes

PIN Generation and Distribution application CD

User guide

Mounting brackets

Two TRSM barrel keys

Cables

## Streamline your PIN issuance process with the Futurex PDS9000.

### Cost-Effective Solutions

- Automation capabilities reduces time and expenditure associated with manual PIN generation
- Robust yet easy to use GUI significantly reduces training and administrative costs
- Capable of serving a wide geographic area with a single device
- Cross-platform compatibility allows the PDS9000 to process PIN generation commands from other device manufacturers at a lower total cost per transaction rate
- Compatible with any printing and sealing device that supports PostScript

### In-Branch PIN Distribution

- Generate and distribute sealed, tamper-evident PIN mailers directly from an individual bank branch
- Eliminates customer concern over mail-based fraud by personalizing the PIN issuance process
- Instant issuance of PINs removes typical delay associated with mail-based distribution
- Supports PIN offsets, allowing customers to select their own PIN
- Instill your customers with total confidence in the security of their sensitive personal data

### Mail-Based PIN Distribution

- Tamper-evident envelopes allow customers to verify that their PIN has remained secure throughout the generation and mailing process
- Provides your customers with a convenient, secure PIN mailing solution that does not require that they visit the physical bank branch
- Designed to integrate seamlessly with existing HSM hardware and software infrastructure

### Ease of Use

- Interfaces directly with folding and sealing printers to produce sealed and addressed mailers
- Automated process allows for batch generation, printing, and sealing of PINs
- Maintains exportable and searchable logs of all activities
- Web-based access allows for secure device configuration and updating from a remote location

### Industry Compliance Standards

The PDS9000 meets and adheres to the following compliance standards:

- Payment Card Industry Data Security Standard (PCI DSS)
- FIPS 140-2 Level 3
- ANSI X9.24 part 1 and part 2 for Symmetric and Asymmetric Key Management—TR-39

### Robust Security

The PDS9000 is a FIPS 140-2 Level 3 validated hardware security device with the following physical and logical security features:

- 1U hardened steel interlocking rack mounted case
- Two unique face-plate bezel locks for securing the device to a server rack
- Tamper resistant security module (TRSM) with epoxy barrier and sensor wires to protect processor and system memory
- Battery backup for keys in TRSM memory
- Multi-user grouping and permissions control for access restriction