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## The Futurex Freedom Plan

As a global leader in data security, Futurex maintains a strong commitment to the standards put forth by the industry's trusted regulatory bodies. To illustrate our commitment, we have decided to create the Futurex Freedom Plan, offering free hardware replacement of any proprietary Host Security Module (HSM) that does not use standards-based methods of Master File Key (MFK, also known as the Local Master Key, or LMK) generation, loading, storage, and calculation.

**“... free hardware replacement of any proprietary Host Security Module...”**

Auditors, security experts, and other industry professionals have long spoken out against the use of proprietary procedures in order to restrict the ability of customers to control their own Master Keys. With the Freedom Plan, Futurex is taking the first step to give the industry the opportunity to eliminate these methods.

The Freedom Plan gives organizations the ability to trade in their current, proprietary Host Security Modules and standardize on the Futurex platform for free.

Futurex has been an innovative leader in data encryption security solutions for 29 years to over 15,000 customers. We are confident in the quality, performance, and security of our devices as well as the Xceptional Support Team that is wholly dedicated to maintaining our customers' high level of satisfaction.



**Futurex Named  
a Two-Time  
“Best Places to  
Work” Winner  
See page 4 for details**

# Introducing: The Excrypt™ SSP9000

Futurex recently announced the release of the Excrypt™ SSP9000 Host Security Module. The product of over a year of development and testing, the device is the latest in our line of System Security Processors and, at 2,250 transactions per second, has earned the title of the “World’s Fastest Payment Host Security Module”.

The Excrypt™ SSP9000 is designed specifically with a focus on transaction security for ATM and Point-of-Sale (POS) networks. With enhanced cryptographic capabilities, the Excrypt™ SSP9000 satisfies both current and anticipated future regulations for financial data security. The device is designed in compliance with Payment Card Industry (PCI), International Standards Organization (ISO), and American National Standards Institute (ANSI) requirements.



The Excrypt™ SSP9000 has been designed with high-security and future industry advancements in mind. The device is a Tamper-Resistant Security Module (TRSM) designed to meet FIPS 140-2 Level 3 requirements and is AES and ECC-ready.

In addition to its security features, the Excrypt™ SSP9000 also provides world-class speed and functionality. The device operates at an industry-leading 2,250 transactions per second, giving it the best cost-to-performance ratio in the industry. The ability to simultaneously maintain one thousand socket connections ensures that the device can easily handle even the most demanding payment applications.

**“... the best cost-to-performance ratio in the industry.”**

Dual, redundant power supplies and an integrated smart card reader for secure key storage and loading are included with the device, allowing it to be integrated directly into enterprise environments with high availability and disaster recovery requirements.

As in previous Futurex HSMs, both local and remote configuration are standard features. The Excrypt™ SSP9000 is designed to be backwards-compatible with prior Futurex HSMs and is compatible with all major host application software products sold worldwide.

## The Excrypt™ SSP9000

### At a Glance

- 2,250 Transactions Per Second
- RSA and EMV functionality
- Dual, redundant power supplies
- Integrated smart card reader

The Excrypt™ SSP9000 is designed to be backwards-compatible with prior Futurex HSMs and is compatible with all major host application software products sold worldwide.

## FAQs

### Secure Rooms

#### Why would you need a secure room?

In short, a secure room is required for any company that must undergo a PCI DSS or TR-39 audit. A company must undergo an audit if they acquire Personal Identification Numbers (PINs), or provide a service for another company that acquires PINs.

Networks require any company dealing with PINs to participate in a security audit every two years. This includes companies working with the security of ATMs or Point-of-Sale (POS) devices like PIN Pads.

#### What is a secure room used for?

A secure room can be used for several purposes. The most important use for a secure room is to perform clear key loading into a Tamper-Resistant Security Module (TRSM); a secure room must be used for any action with clear, or unencrypted, keys to lower their risk of compromise.

Secure rooms are also used for secure key generation, storage, and destruction, as well as the storing of Certificate Authorities (CAs).

#### What are the requirements for a secure room?

Secure room requirements encompass three main security points: general security, physical security, and logical security.

The main general security features are the requirement of dual access at all times, no wireless devices allowed, a mandatory visitor log, and restricted access to authorized and logged personnel.

#### How does Futurex fit in?

Futurex offers consultation for any company who is building a secure room. Futurex not only maintains its own fully-compliant secure room, but Futurex also employs certified TR-39 auditors and has experience assisting customers with on-site secure room construction and audit preparation.

# Partner Portal Opens

We recently opened a new area of our website specifically created as a comprehensive resource for Futurex partners. Designed with our worldwide partners in mind, the Futurex Partner Portal contains material specific to our partners' needs, interests, and goals. The Partner Portal is divided into four main sections: Sales, Support, Marketing, and Technical Resources.

The Sales section contains the most recent prices for Futurex devices, as well as the prices for our Xceptional Support Plans and Xceptional Support Services. Also included is a contact form specifically designed for requesting a quote or proposal. We developed this contact form to allow quick, direct communication between our partners and the appropriate Futurex representatives.

Technical inquiries can be directly submitted to our Xceptional Support Team through another exclusive contact form, and an actively-maintained support knowledgebase contains resolutions to common questions regarding Futurex products.

The Marketing section of the portal contains a wealth of information ready for worldwide distribution.

Direct links to Futurex product information sheets, regulatory compliance attestation letters, and other commonly-requested documents are easily accessible.



Perhaps the most useful section of the Partner Portal is our Technical Resources section, which includes user guides, training videos, and how-to guides for installing Futurex devices in a number of common environments.

As our partner base expands, so will the Futurex Partner Portal. As we receive feedback from our partners about their needs and as we make new developments in our solutions, we will update the portal accordingly. Our ultimate goal is for the Futurex Partner Portal to evolve into an integral resource for our valued partners.

## Futurex Partner Portal

### Recent Updates

- 2010 Partner Price List
- Training Videos: Excrypt™ SSP Series and SKI Series
- Whitepaper: Remote Key Loading - Proof of Concept
- Best Practices for Key Management Guide

## SKI Series Hardware Upgrade

Features	SKI Series 1U Chassis	SKI Series 2U Chassis
Size	1U	2U
Maximum injection ports	2	16
Injection ports included in base unit	2	4
Integrated smart card reader	No	Yes
Integrated CompactFlash reader	No	Yes
Cryptographic hardware	EXP7000	EXP9000
Dual, hot-swappable power supplies	No	Yes
Front-panel LCD	Two lines	Four lines

Need more information?

Interested in trade-in opportunities?

Contact a Futurex Solutions Architect for details.

# Best Places to Work 2010

Futurex has once again been named one of the "Best Places to Work" in the San Antonio area. This year, the award was only given to 47 organizations located throughout Bexar, Guadalupe, Wilson, Comal, and Kendall counties of Texas.

In a confidential online survey, Futurex employees consistently gave their workplace high marks. As a result, Futurex was recognized at an



awards ceremony and luncheon on the 3rd of June, as well as in a special publication of the San Antonio Business Journal.

This is the sixth annual "Best Places to Work Awards" and the second year in a row that Futurex has received this high honor.

## Current Firmware Versions

Device	Version
SKI Series	2.2.13
Excrypt™ Manager	1.1.11
Excrypt™ SSP Series	2.5.1
KLD7000	2.1.2
RMC9000	1.1.3
Guardian9000	1.0.12
Certificate Authority Server	1.1.3

To request a firmware upgrade, please contact us using the information below.



## XCEPTIONAL SUPPORT

### Xceptional Support

At Futurex, we believe that being a leader in Host Security Modules and Key Management Servers is about much more than offering the latest technology, it's about support and service that goes the extra mile. That is why our Xceptional Support will help do whatever it takes to ensure you have the best experience possible.

### Our Mission

Our mission is to give our customers and partners best-in-class, 24x7x365 global support and service. We achieve this by providing effective, knowledgeable, and timely solutions to ensure that all Futurex products continually maintain the robust security that is necessary in today's complex security environment.

### Contact Us

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