

INSIDE SECURE PROVISIONING PLATFORM



Secure and trusted programming of your technology secrets during chip manufacturing, at the OEM and/or in the cloud.

Inside Secure is dedicated to solving the growing security issues faced by companies handling sensitive data and high-value content. OEMs, Operators and computer companies need a method to protect their valuable code and investment while Security Providers, Conditional Access Systems (CAS), and Digital Right Management (DRM) vendors need a method to protect their intellectual property and data.

The Inside Secure Provisioning Platform can be used to support integrated designers, OEMs, operators, broadcasters, computer companies and CAS/ DRM vendors wishing to add additional security to their systems. Our technology enables the use of high security features and functions native in the System on Chip (SoC) and module. This service provides a hardware root of trust for strong authentication of third-party secrets. Compatible with existing security systems, our provisioning platform enables our customers to take control of the security in their systems by owning their own secret keys. The customer can manage and allocate symmetric and asymmetric keys used for data and Intellectual Property protection as desired.

Inside Secure is the only independent third party providing device IDs and Secret Key Programming services on SoC and module manufacturing lines. With over 60 licensed customers and agreements with 13 different SoC vendors, SMI offers custom programming solutions to any operator, OEM/ computer company or CAS/ DRM vendor needing additional security.

“The Inside Secure Provisioning Platform provide an efficient, trusted resource to exploit device unique secrets and provide high integrity content protection solutions. With a complete package of services and covering a wide range of SoC devices, SMI becomes an integral part of our multi-network security infrastructure.”

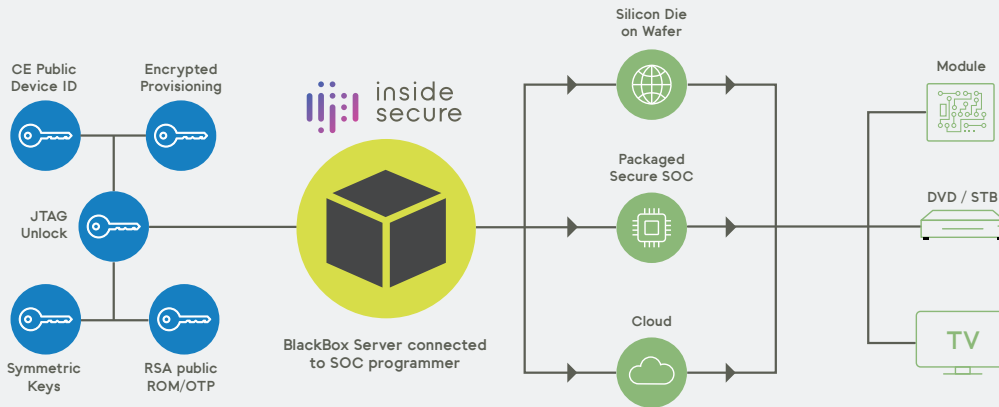
Steve Christian,
Vice President of Marketing – Verimatrix Inc.

“Inside Secure’s Provisioning Services provide our devices with rich security features that would be otherwise impossible. This greatly increases the product’s value to our customers, and improves the end user’s experience.”

Philippe Notton,
Group Vice President and General Manager,
Consumer Product Division – STMicroelectronics

“Inside Secure Provisioning Platform programming Services provide ABS-CBN with added security to our broadcast infrastructure across all of our platforms. It also provides ABS-CBN with a significant level of flexibility with the large number of Chip vendors supporting this service.”

Sherry Ann Supelana,
Head of Global Engineering & Technical Services
ABS-CBN



Provisioning server programs devices and wafers directly on the fab's production line.

Programming your secrets into devices is easier than ever because the BlackBox Server already resides on production lines of most SoC vendors.

Inside Secure provides advanced Computer and Consumer Electronics Device data, intellectual property and content distribution protection.

Advanced data and content distribution protection requires that embedded security features are enabled and specific information to be loaded into the chips. Normally, access to programming services of unique IDs and Secret Keys is reserved for high volume security vendors who independently develop their own infrastructure. Inside Secure is in the unique position to offer a provisioning platform for virtually any SoC and module vendor. Inside Secure provides a common interface and access to secure silicon features incorporated into today's devices allowing customers to maximize security in their systems and selection of a wide variety of SoC and module manufacturers to suit their OEM device and computer needs.

Features & Benefits

- Enables use of high security features and functions
- Hardware enforced access to secure silicon features
- Highly secure, cost effective way to add security to OEM devices and computers
- Embedded RSA /ECC key allows third party customers to sign their code
- Third party symmetric key for customer use during OEM device and computer provisioning
- Licensable Crypto Library for boot loader protection
- Protects Customers' boot and application code
- Supports any security or CAS/DRM vendor
- Prevents Custom software from being exported into another device or module
- Enables the Customer to own their Secret Keys, providing flexibility in choice of security providers
- Enables CAS Vendor Switching for fielded OEM devices



For further details on all of Inside's security solutions, visit www.insidesecond.com

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