



Discretix

Line of Business

Embedded Security and
Content Protection

Established

2000

Leading Executive

Mr. Gal Salomon
CEO



Contact Information

marketing-dx@discretix.com

Headquarters (Israel)

Discretix Technologies Ltd.
Grand Netter Industrial Zone,
Delta building, Kfar Netter, POB
3641, Zip Code 40593, Israel
Tel: +972-(0)73-255-8800
Fax +972-(0)73-255-8808

North America Office

Discretix Inc.
4800 Great America Parkway,
Suite 417
Santa Clara, CA 95054, USA
Tel: +1 (408) 969 9991
Fax: +1 (408) 969 9994

Japan Office

Discretix Technologies Ltd.
Tukiji Akashicho Duplex R's 702,
6-23-702 Akashi-cho, Chuo-ku,
Tokyo 104-0044, Japan
Tel: +81 3-5148-2053
Mobile: +81 80-3253-2135
Fax: +81 3-5148-2054

Taiwan Office

Discretix Technologies Ltd.
2F, No. 45, Lane 76, Reiguang
Rd, NeiHu District, Taipei City
114, Taiwan (R.O.C.)
Tel: +886 2 8792 9423
Fax: +886 2 8792 6974

Discretix delivers complete embedded security solutions to the mobile, storage, automotive, networking, office automation and industrial markets. Discretix' suite of products includes security co-processors, security sub-systems, cryptographic cores and content protection applications. Discretix serves some of the world's best-known semiconductor and device manufacturers and has been consistently ranked among the leaders of the embedded security market.

Automotive Security Requirements

Critical vehicle control systems, applications, software and hardware assets systems rely heavily on robust, high-performance embedded security for important uses, including;

- Enabling secure communications and secure information logging
- Protecting software updates and platform code integrity verification
- Restricting access to logging and diagnostics data
- Preventing mileage manipulation
- Protecting multimedia content with Digital Rights Management
- Ensuring only original parts are used in aftermarket
- Other use cases include anti-cloning and multi-ECU trust schemes.

Dedicated to Innovative Security

Discretix is dedicated to delivering innovative security solutions to the complex and ever-changing embedded computing markets. This specialized expertise has allowed the company to provide chipset, device vendors and service providers with complete security platforms that are easily integrated, field proven and future-proof.

Making Security Transparent

Discretix' solutions make security transparent to the end-user, while protecting sensitive information and applications from malicious attacks, viruses, fraud and theft. Discretix solutions include both hardware and software technologies, that are deployed in SoCs, platforms and devices. The Discretix suite of products includes co-processors, sub-systems, modules, cryptographic accelerators and content protection applications.

Ecosystem

Discretix' products are licensed by the world's leading semiconductor, platform, device manufacturers and service providers. The company is also active in developing an embedded security ecosystem. To this end the company works closely with leading technology and service providers across the entire value chain to deliver fully-integrated and secure end-user applications. Comprised of companies from around the world, the ecosystem includes hardware manufacturers, IP vendors as well as application and OS vendors.

Selected Customers

Intel, Motorola, Sony Ericsson, HTC, Renesas, Infineon, ST-Ericsson, LG, NXP, SanDisk and Toyota

Product Portfolio

Security Platforms: A range of embedded security platforms for processors and devices providing comprehensive system, application and content security.

Content Protection: A flexible and easy to integrate content protection client for device vendors and service providers, supporting all major DRM schemes and operating systems; fully compliant with industry standards such as OMA DRM, WM-DRM, PlayReady, CPRM, OMA BCAST and others; Support for Android, Windows, Linux, Symbian and more.

Network Security: High performance acceleration for network security protocols (IPSec).

Storage Security: Comprehensive "in-storage" data protection solution for Flash cards, USB Flash drives, SSD, HDD and storage interface bridges.

Security Modules: Providing the key security building blocks required to address a broad range of applications and markets.

Cryptographic Accelerators: Hardware and software libraries offering an optimized implementation of cryptographic algorithms suited to all types of applications. Support for AES, DES, RC4, C2, SHA, MD5, RSA, ECC, DH and RNG.