

about identita

Identita provides unbreakable, turnkey identity authentication solutions to organizations requiring absolute customer identification. Security, and in particular identity verification, is the foundation of virtually all personal transactions, from phone banking to government service delivery. The inability to provide absolutely secure, irrefutable identification of individuals costs financial institutions billions of dollars annually, prevents innovative development of enterprise applications, and undermines the consumer confidence necessary for the widespread adoption of electronic commerce.



echosystem
scalable secure id management

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DOCKET: 13924 DATE: 06/04/08 CLIENT: Identita Technologies PROJECT: Sales sheets ITEM: echosystem_2_R1	AC DIR: AC REP: CR REP: PR REP: DG	PROOF No.: CR:3 PR:0 FIN. SIZE w x h: 8.5" x 11" FLAT SIZE w x h: 17" x 11" COLOUR: 4 CLR	NOTES: creative FORMAT:
	THE AUTUMN GROUP Advertising & Design Inc.		

echosystem

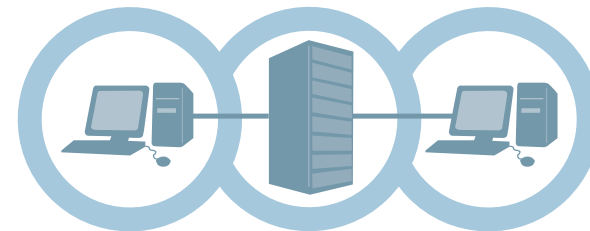
scalable secure id management

simple but sophisticated

Identita's comprehensive EchoSystem Identity Management enables your organization to easily deploy and manage secure identities and reliably maintain consistent identity data across your company to control access, – and to control how access is used.

Safely extend access to sensitive corporate resources to employees, partners, suppliers, and customers. Manage who or what application has access to what parts of your business. Achieve more effective corporate governance, and provable legislative and regulatory compliance. EchoSystem enables managing multiple types of identities across complex heterogeneous environments, including unique identities required for Web services applications and devices handling internal and external transactions.

Easily manage your powered cards and users through any secure Web browser. Identita's EchoSystem Identity Management administration interface is easily accessed through the Internet, requiring no special software or proprietary tools to manage your powered cards and card usage remotely. Remote admin features include full user notification and management of card status, access privileges, event logs, PIN codes, linked accounts, profiles, and more.



echosystem modules

- IDMAIL: Secure e-mail with encryption. IDMAIL automatically issues and manages client certificates, and eliminates the confusion and complexity of key exchange.
- IDPASS: Secure policy-based login including enrolment, registration and certificate management for PCs, smart phones and PDAs.
- IDREMOTE: Secure perimeter access with strong authentication. Supports most IPSEC and SSL-VPN vendors, as well as NEC.
- IDPAY: Secure B2B/B2C/P2P payments through a mobile phone, PDA or other mobile computing device.
- IDIVR: Secure telephony applications through instant caller identification and authentication.
- IDSSO: Secure access to multiple systems and applications with a single sign-on.
- IDPROX: Secure access to large systems by partitioning them into smaller entities where each entity can be accessed and managed separately.
- IDPROX: Secure file and folder encryption



about our technology

With research and development facilities in Canada and its international offices in Barbados, Identita creates identity management solutions involving hardware tokens and client server application software. Identita's EchoSystem platform is a multi-token aware identity management back-end with a complete suite of application modules to meet the requirements of virtually all verticals.

Identita has developed unique proprietary handshake protocols to counter phishing, using Public Key Infrastructure (PKI) and digital certificates. Identita currently manufactures an acoustic one-time password (OTP) powered card, an OTP display card (embedded, flexible display on the front of the powered card), and will soon release biometric and GPS cards. Identita's solution goes beyond traditional powered card implementation. Its credit card-sized format enables the inclusion of other technologies such as magnetic stripe, proximity chips, EMV chips, bar code, RFID and picture ID.

Identita licences RAMP (Reaction Assisted Moulded Process) Technology, an exclusive manufacturing process. This versatile electronics packaging technology uses patented low-temperature, low-pressure reaction injection moulding techniques to securely integrate electronics into small form factors such as powered cards, smart tags, key fobs, memory cards and other portable electronic devices. RAMP technology can be used with PVC, Polycarbonate, Teslin™ (i.e. synthetic paper), and a range of other materials for specific properties and applications.

Identita's powered card technology, combined with the RAMP manufacturing process, represents the future in powered card technology. This affordable, high-end security solution delivers secure end-user devices that are easy to carry and use and backed up by the EchoSystem platform – a platform that delivers all the strengths of typically expensive authentication and identity management systems through a single management console. Strong encryption, x.509 certificates, directory support and multi-customer management make EchoSystem the next generation product of choice.

technical specifications

Card Format:
ISO 7810 (0.8 mm x 54 mm x 84 mm)
ISO 7810 Tested & Certified
Card Specifications:
8/16/32 Bit Crypto-processor
Low Power Consumption
Tamper-proof
Polycarbonate, PVC or Teslin Surface
Algorithms:
SHA-256
AES 256/512
Powered Card Types:
Display Card
Audio Card
Durability:
3-5 years, based on usage
Personalization Options:
Magnetic Strip
EMV Chip
Contactless Interface (LF, HF, UHF)
Photo ID
Bar-coding
Serial Numbering
Embossing
Foils and Laminates
Applications:
Authentication
Authorization
Encryption
Digital Rights Management (DRM)
e-Commerce/m-Commerce
Supported Platforms:
Windows™
Apple™
Solaris™
J2EE Enabled Platforms