



Product Backgrounder e²Sec

e²Sec[®]

What is e²Sec?

e²Sec is Prescient's encryption technology. It is implemented through a comprehensive methodology, specially designed for managing large-scale information technology, including any communications device's security system.

e²Sec is based on "One-Time Key Pad" methodology, which we believe, because of its unique ciphering technology, to be virtually unbreakable.

Our technology is also designed to be portable and modular. **e²Sec** can be implemented in a variety of different platforms and devices, from desktops and databases to mobile devices.

The implementation of **e²Sec** provides organizations, regardless of size, a simple yet highly secure environment for storage of data, networking transmission, and global messaging.

What Does e²Sec provide?

- End-to-End Encryption
- Dynamic Virtual Private Network (DVPN)
 - Creates a secure channel for communications
 - Secures e-Commerce and other Internet-based communications
- Platform and device independence
- Simple management techniques for complex and comprehensive security implementation
- No single point of compromise
- Virtually unbreakable security
- Special ciphering routine gives:
 - Secure communications between multiple users
 - Supports users on any public network
 - Supports multiple devices i.e. FAX, Telephone, Mobile, e-mail.

Set Up

- Assessment by Prescient of current enterprise environment
- Customized **e²Sec** solution (size and scope to fit client site needs)
- Licensing
- Implementation, including security training by Prescient
- Support
 - Maintenance
 - Upgrades
 - Auditing



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Ad ons:

- Developer's toolkit (upcoming release)
- Product Upgrades and enhancements, including the ability to encrypt all Web-based communications throughout the enterprise

Product Details

e²Sec presents a radical difference in encryption technology. This radical difference is that it is both device and operating system agnostic. **e²Sec** technology can be used to encrypt on any platform, through any device, based exclusively on a client's requirements. A non-exhaustive list of uses includes:

- E-Commerce
- Mobile transmission
- PKI
- Database encryption
- Smart Card technology

Unlike other security solutions, the DVPN means that no software has to be loaded or configured onto a device. As soon as a connection is made with the server running **e²Sec**, the user can be assured of a secure session, and secure data transmission from the browser to the back end. This means that airport Internet terminals become secure enterprise terminals. Internet cafes become secure enterprise terminals. Any virtual web interface becomes a secure enterprise terminal.

The Future for e²Sec

e²Sec can be used for any transmission that requires encryption or security. The massive growth in information technology around the world means a need for greater, and more flexible security solutions.

Protecting critical and sensitive data is essential. **e²Sec** delivers.

We live in a virtual world. Make data virtually unbreakable.