



Spider-Card is a universal Smartcard security solution for authenticating users and providing access control to all software applications whether web-based, windows-based or host-based. In addition to employing a userID and password scheme to login to the network domain or business applications, organizations can require users to insert a Spider-Card into a card reader attached to their desktops or laptops.

Spider-Card provides two factor authentication.

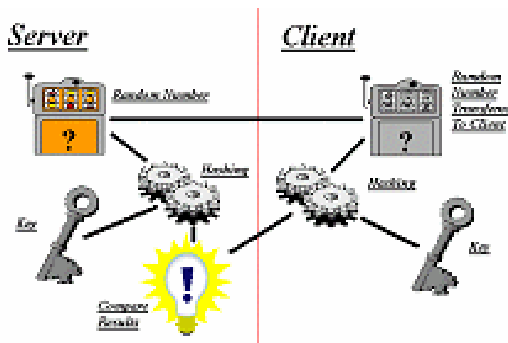
The PIN number is passed directly to the Spider-Card and is not transferred over the Internet. Applications become disabled the moment the card is removed from the card reader, making it impossible for a third party to pretend to be that valid user. The connections are reset once the card is re-entered. This two-factor authentication scheme can be seamlessly connected to existing authentication mechanisms – or replace them entirely.

Spider-Card is more secure in network applications.

Spider-Card performs all security functions internally; on the Smartcard chip itself, isolated from the computer software environment and all points of attack. User access rights and privileges can be embedded on the chip within the Spider-Card. This can allow sensitive data to be restricted to those users who have a business need to access that information, while reducing fraud and theft and significantly lowering development, deployment and ongoing maintenance costs.

Spider-Card is easy to implement and use.

Spider-Card can be incorporated into the client system and react from their systems with minimal integration. User acceptance of the card is relatively painless as there is nothing more than inserting the card into the reader and entering user name and password.



Main Features and Benefits:

- Low cost of implementation
- Secure Encryption
- Versatility

- Encryption – SpiderCard uses industry standard encryption with multi-part key negotiation at time of transaction.
- Smart Electronic Security -- The SpiderCard performs all security checking with the server once a secure connection has been established. The card is limited to verification queries and cannot modify settings stored on the server.
- Multiple Passwords – Can be loaded for access to different levels of the application, one password could, for example, be an emergency password.
- Identity Check – SpiderCard notifies the server of its identity and the password level used and if the card has been tampered with or an incorrect password used. Printed card information can also be held internally for physical checks.
- Simplified Integration – SpiderCard does not require specialized applications to be written, but integrates with the target systems existing security.
- Copy Protection – The Card is protected against copying, preventing the system being circumvented.
- Encrypted Documents – Utilizing internal secure keys and the internal encryption methods of SpiderCard.
- Electronic Purse – SpiderCard can add additional security to an electronic-purse card enhancing the available feature

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