



SETECS, Inc. Internet Security Technologies

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SETECS OneSEC™

Security Framework – Integrated Development Environment

Description

SETECS OneSEC™ is a platform for rapid development and run-time support of security enabled network applications. It contains ready-made components for security functions, operations, and protocols needed by any secure network application: registration of users and servers, certification, configuration management, and audit logs. The framework has a methodology to create customized network applications with different types of security features and extensions. For such applications developers may use local and remote login, various security interfaces, secure messaging, and secure data base functions, all available within the framework.

Components

1. Classes/objects for user and administration interfaces, for error and information messages, and for various other GUI-based functions;
2. Classes/objects for configuring and customization of a security infrastructure in a local environment (registration DB, certificates and CRL directories, CA servers);
3. A set of standard security functions (activated through user-friendly drop-down menus) for registration, certification, system configuration, and handling of security audit logs;
4. Secure communication protocols based on SSL or PKCS#7 secure messaging standards;
5. Security administration functions used remotely with multiple servers.

Distinguished Features

- Security framework offers the concept, methodology, and a set of ready-made components for rapid development of security enhanced applications;
- Applications may be easily combined with the standard components of the framework in order to produce specific security features;

- The framework is flexible and offers the possibility to create applications with different security components, security functions, and assurance levels;
- Applications produced using the framework are easy to configure, activate and use, since they all share security functions and resources within an integrated security environment.

Potential Market and Customers

Application developers, both for secure and also non-secure applications, may use the product. In addition components of the framework may be transparently built (OEM) into alternative security systems or network applications.

Competitors and Competitive Advantages

Other than some components available with Java (Java Beans) there are no similar comprehensive development platforms and frameworks on the market.

Additional Properties

SETECS, Inc. has several ready-made applications based on the framework: *OneNET™* – secure Java client/server system, *OneMAN™* – integrated security management system, and *OneGroup™* – secure group communication system.

About SETECS

SETECS, Inc. develops and licenses Internet security technology products for *Web services* and *mobile applications*. SETECS unique standards based solutions provide simultaneous *protection of network resources* and *trust in network transactions and applications*, effectively eliminating today's most serious and damaging Internet threats such as viruses, spam, hackers, insiders' threats, and intrusions.