Entrust/Toolkit™
Java™ Edition

FEATURES AND BENEFITS

Flexibility

- Works with Entrust/PKI®, Entrust/Solo™ and stand-alone.
- **Cross platform support** - Java is a portable language. This toolkit is an implementation of Java and thus has no platform restrictions beyond those of the Java language.
- **File-formatting methods** - Provides developers with access to PKCS#7 file formatting. *This allows for the deployment of interoperable solutions.*
- **Real-time Communications -** Provides developers with access to SSL functions for the establishment of trusted real-time communications.
- **Algorithm independent** - Algorithm selection is made available through the JCE (Java Cryptographic Extension) Module providing RSA, DSA, SHA1, MD5, MD2, DES, Triple-DES, CAST-128, RC2 and RC4 algorithms.
- **Seamless interoperability** - Entrust/Toolkit™ Java™ Edition inter-operates seamlessly with Entrust/PKI. *This accommodates unique business application needs.*
- **Fully scalable** - Entrust's full security system is scalable to address even the most demanding requirements of large organizations. *With Entrust, developers can start with individual users or small workgroups and grow to suit the needs of any size organization.*
- **Multiple services** - Entrust/Toolkit Java Edition provides encryption and decryption services, and digital signature and verification services. *Dual key pairs allows for the secure storage of any type of file while providing for non-repudiation.*
- **Open interfaces** - Entrust products are built to existing and emerging standards to ensure that applications will participate in an open, multi-vendor future. *Developers are not tied to any single vendor of security products.*
- **Conformity** - Entrust/Toolkit Java Edition participates in the existing Entrust security infrastructure. *Developers can be assured that their applications will conform to the policies and controls already in place within an organization.*

Cost Savings

- **Cost savings** - Developers benefit from access to high level APIs which dramatically reduce development time and reduce the associated "debugging" time. *Reduced development time means lower costs and faster time to market.*

What is Entrust?
Entrust is scalable family of software products for encryption and digital signature with fully automated key and certificate management on client/server and open networks.

Entrust provides a set of tools that deliver many features, including confidentiality, access control, authentication, data integrity, and non-repudiation.

Entrust is highly automated and secures a user's environment by providing strong data security, user authentication, and user transparency.

- **Absolutely no cost -** Unlike other products on the market, the Entrust/Toolkit Java Edition is available at absolutely no cost to developers at http://developer.entrust.com

- **Freely distributable** - Developed applications are not subject to royalties or run-time license fees. *Developers can be assured that there are no incremental costs with the toolkit.*

Ease of installation and use
- **Documentation** - The APIs are well-documented and *easy to understand.*
- **Minimal security knowledge** - Detailed security knowledge is not required to develop secure applications, *which is implicit through the use of this toolkit.*
- **Application programming interface** - Application designers can incorporate security from day one with maximum user transparency without concern for complexities of key management or fundamental security architecture issues. *Developers can easily incorporate security into all their applications.*

Solid security
- **Secure plug-ins** - Entrust/Toolkit Java Edition is capable of producing secure plug-in applications which exist on top of the proven Entrust security architecture.

For more information:

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www.entrust.com/resourcecenter