



Features & Benefits:

- Strong software-based copy protection without the limitations of a hardware-key
- Software Distribution Support enabling you to sell your software via the Internet
- Instantaneous Activation enabling end-users to download the software and immediately start using it with its fully-licensed functionality
- Data Collection & Tracking Tools for enabling software publishers to gather end-user registration data for sales and marketing purposes
- Innovative design enabling ISVs to confidently sell into companies leveraging modern technologies including virtualization

Strong software-based copy protection, IP protection, and secure licensing

Sentinel HASP Overview

SafeNet's Sentinel HASP integrated software licensing security solution enables software publishers to grow their business through software protection, IP protection and secure licensing. Through its role-based tools and by combining hardware- and software-based protection into one solution, Sentinel HASP grants decision-makers the flexibility to choose the level of protection and licensing that best fits their business needs. Sentinel HASP software-based protection employs Sentinel HASP® SL, a Product Activation-based solution.

Sentinel HASP SL

Based on the Sentinel HASP HL protection technology, Sentinel HASP SL provides the strongest software-based security available. Sentinel HASP SL protects software copyrights and Intellectual Property and offers a variety of flexible licensing options while enabling Electronic Software Distribution (ESD) to reduce time to market and operational cost.

Strong Protection Against Software Piracy

- Strong copy protection guarantees publishers get paid for every software copy in use.
- Powerful protection against hacker attacks. A secure communication channel between the Sentinel HASP SL key and the application offers powerful resistance to middle layer attacks.
- Secure storage of licenses, passwords, strings, and application dependent data in either protected read/write memory or ROM.
- Secure software activation. Sentinel HASP Product Activation is secured with an SSL-based (Secure Socket Layer) communication channel between the end-user machine and the activation server.

Unmatched Intellectual Property Protection

Prevent industrial espionage and maintain competitive advantage. Sentinel HASP Envelope automatically wraps files to provide anti-reverse engineering, code obfuscation and file encryption to protect valuable algorithms and trade secrets.

Innovative Design

Sentinel HASP provides customers with all of the tools necessary to confidently license their applications in virtualized environments. Every customer is unique, which is why SafeNet provides multiple protection schemes for ISVs selling their product into a virtualized environment, each with a different level of flexibility.

Virtual Machine Detection & Deny—enables ISVs to detect the presence of a virtual machine (VM) and simply allow or disallow license authorization.

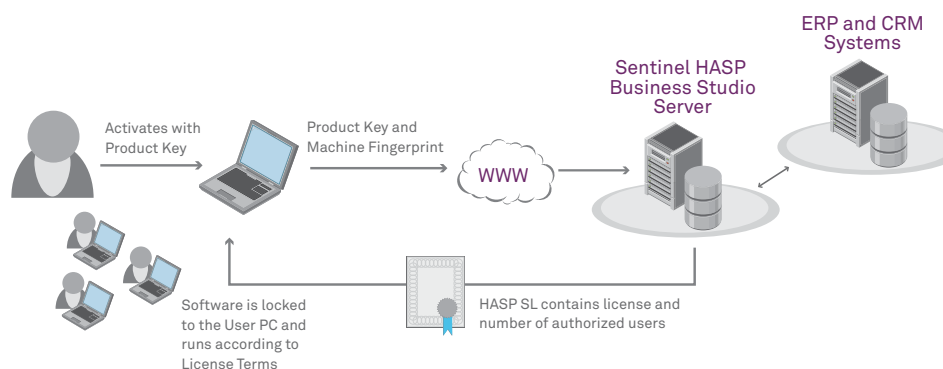
SafeNet is dedicated to the ongoing improvement of their Sentinel Software Monetization solutions, therefore the list of supported operating systems and development environments is always evolving, please visit www.safenet-inc.com/HASPTechspecs for the latest technical specifications.

Virtual Machine Binding—this feature enables ISVs to lock a license to several unique traits of a VM and to prevent replication or “cloning” of the software application, therefore enabling secure licensing in a virtualized environment.

Secure & Flexible Licensing

HASP SL supports the following licensing models:

- **Perpetual.** Once purchased the software can be used indefinitely.
- **Feature-Based.** Enable or disable product features based on the user’s needs and budget.
- **Pay-Per-Use:** Employ HASP SL memory counters to charge users for the number of sessions or the number of features they use. **Network Concurrency:** Allow multiple sessions in a network environment. **Time-Based:** Enable subscription or rental of software for a specific time period.
- **Custom Licenses.** Flexibility to create complex licenses models to best suit business needs using counters, secure memory and unique ID.
- **Tamper-proof licenses:** Unique LicenseOnChip™ technology embedded in each HASP protection key ensures software licenses are protected by hardware.
- **Remote updates.** A powerful Remote Update System (RUS) sends encrypted and RSA signed license terms to users – ensuring secure updates of protection keys in the field.
- **UpdateOnChip™** technology embedded in every key ensures that the key authenticates all updates of data and license extensions.



Product Activation with Sentinel HASP SL

Sentinel HASP features product activation that allows software publishers to deploy their Software either over the Web or through traditional physical shipment of shrink-wrapped product. In either case, the software must be activated prior to use. Activation can be either via a secure Internet transaction or through an email exchange.

The end user electronically transmits a unique product key supplied by the software vendor to a remote Sentinel HASP Business Studio Server and a Sentinel HASP SL protection key containing license terms is sent back and installed on the end-users’ PC, activating the software. The Business Studio API included with Sentinel HASP enables integration with your backend systems such as ERP or CRM.

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