



Sentinel HASP[®] HL

PRODUCT BRIEF

Features & Benefits:

- Unmatched Protection Against Software Piracy
- Strong Intellectual Property Protection
- Secure & Flexible Licensing
- Award-winning Quality & Performance

The World's Most Secure Software Protection Hardware Token

SafeNet's Sentinel HASP integrated software licensing and 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 hardware-based protection employs the Sentinel HASP[®] HL family of keys which offer the highest level of protection available.

Sentinel HASP[®] HL

Sentinel HASP HL is the hardware-based protection and licensing component of Sentinel HASP. Sentinel HASP HL comes in both USB and ExpressCard form factors that protect software against piracy and illegal copying by allowing access and execution of the protected software only when the key is connected to the computer. The product is then able to establish a secure communications channel for each communication session between the highly secure, impenetrable AES 128-bit encryption engine on the Sentinel HASP HL Key and the application.

Unmatched Protection Against Software Piracy

Strong copy protection guarantees publishers get paid for every software copy. On-chip 128-bit AES encryption ensures a robust link between the application and the hardware key. Powerful protection against hacker attacks. A secure communication channel between the HASP HL key and the application offers powerful resistance to "man-in-the-middle" and brute force attacks.

A secure, non PC-dependent external storage device. Stores licenses, passwords, strings, and application dependent data in either protected read/write memory or ROM.

Strong Intellectual Property Protection

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

Sentinel HASP HL protection keys support 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 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.

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

SafeNet Sentinel Software Monetization Solutions

SafeNet has more than 25 years of experience in delivering innovative and reliable software licensing and entitlement management solutions to software and technology vendors worldwide. Easy to integrate and use, innovative, and feature-focused, the company's family of Sentinel® Software Monetization Solutions are designed to meet the unique license enablement, enforcement, and management requirements of any organization, regardless of size, technical requirements or organizational structure.

Only with SafeNet are clients able to address all of their anti-piracy, IP protection, license enablement, and license management challenges while increasing overall profitability, improving internal operations, maintaining competitive positioning, and enhancing relationships with their customers and end users. With a proven history in adapting to new requirements and introducing new technologies to address evolving market conditions, SafeNet's more than 25,000 customers around the globe know that by choosing Sentinel, they choose the freedom to evolve how they do business today, tomorrow, and beyond.

For more information on SafeNet's complete portfolio of Software Monetization Solutions for installed, embedded, and cloud applications or to download a free evaluation of our award winning products please visit: www.safenet-inc.com/sentinel

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To download a FREE Sentinel HASP Developer Kit, visit:

<http://www3.safenet-inc.com/Special/hasp/safenet-hasp-srm-order/default.asp>

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