



Question 1:

Until when will I be able to order my existing key(s)?

You will be able to order Sentinel HASP, Sentinel SuperPro and Hardlock legacy USB keys until September 15, 2015. Legacy key requests made after September 15, 2015 will be fulfilled with the new Sentinel HL keys, which are backwards compatible with Sentinel HASP, Sentinel SuperPro and Hardlock implementations, and forward compatible with the company's next-generation software licensing solution – Sentinel License Development Kit (LDK).

Question 2:

When can I start evaluating the new Sentinel HL hardware platform?

You can begin to evaluate and qualify the new keys starting from September 2012 as per the table below:

Available Items	Description	Recommended For	Availability	How to Order
<b>Sentinel HL Evaluation Keys</b>	A batch of keys specially programmed to your Batch Code or Model #	Customers ready to start internal testing and qualification.	September 2012	Your sales representative will be happy to place this order for you.
<b>Sentinel HL Production quantities</b>	Start distribution of Sentinel HL keys to new deployments of your products.	Customers ready to start distribution Sentinel HL keys instead of Sentinel SuperPro, Hardlock or Sentinel HASP HL.	March 2013	Your sales representative will be happy to place this order for you.

Question 3:

Am I required to make any changes to my implementation, source code or libraries before deploying the new Sentinel HL keys?

The adoption of the new Sentinel HL keys requires absolutely no change to your current implementation.

Question 4:

Do I have to change my Sentinel HASP or Hardlock Master Key before I start using the new Sentinel HL keys?

No. You, as the software vendor, are not required to change your Sentinel HASP or Hardlock Master Key, nor will your end users be required to do anything before they can start using the new HL keys.

- Question 5: Do my end users need to update their driver(s) before they can start using the new HL keys?  
No, your end users are not required to do anything before they can use the new HL keys.
- Question 6: Have there been any changes to the ordering process?  
Apart from the new keys' catalog numbers and the evident form factor change, there have been no changes to your existing ordering process.  
[Please download the Sentinel HL Migration Guide to see the form factor changes.](#)
- Question 7: Where can I see the full list of specifications for each new key?  
For a full specifications list please visit the recently launched [Sentinel HL section](#) of the Sentinel Customer Community.
- Question 8: Sentinel HL backwards compatibility for Sentinel HASP HL, Sentinel SuperPro and Hardlock goes back how far?  
The Sentinel HL keys (configured as backwards compatible with Sentinel HASP HL, Sentinel SuperPro and Hardlock) are fully backwards compatible with the following versions:
- HASP 4
  - HASP HL
  - HASP SRM
  - Sentinel HASP HL
  - Sentinel SuperPro
  - Hardlock
- As an existing Sentinel HASP HL customer, you are not required to replace your Batch Code. Your new keys will have the exact same Batch Code as before.
- As an existing Sentinel SuperPro customer, you are not required to replace your model number, developer ID nor passwords.
- As an existing Hardlock customer, you are not required to replace your Coding Environment.

Question 9: Are there additional/new form factors as part of the new Sentinel HL platform release?

Yes, we are introducing two new form factors as part of the new Sentinel HL family: the [Sentinel HL Max key in a chip form factor](#), and the [Sentinel HL Max key in a board form factor](#). These new keys offer an ideal solution for protecting and licensing software running on embedded devices.

Question 10: What are the available customization options?

SafeNet provides a mechanism to personalize your hardware-based protection keys allowing you the use of our unparalleled product quality, field proven protection, and unmatched performance while packaging it as a fully customizable solution. As part of this offering, we provide a variety of customization options including: custom brand logo, custom labeling, custom key colors, and various pre-programming options exclusive to your company, your customers, and their specific needs.

You can now take full advantage of the following personalization options:

- **Plastic Color** – Modify the color of the key based on a predefined color pallet (including transparent, semi-transparent, and opaque options).
- **Embossing** – Personalize/customize the embossing on the keys.
- **Tampon Printing** – Personalize the tampon printed text – optional 1, 2, 3, or 4 colors as per Pantone color definition.
- **Label** – Modify the existing default key label as per specific requirements.
- **Key Pre-Programming (with optional label printing)** – Define the programming of keys' memory as part of the production process (optional label printing of sequential number as part of the production process).

Question 11: What are the immediate benefits of adopting the new Sentinel HL hardware platform?

- **Backwards Compatibility** – The Sentinel HL hardware platform is 100% backwards compatible with your existing Sentinel HASP HL, Hardlock and Sentinel SuperPro implementations.
- **Instant Access to Future Innovation** – Sentinel HL allows ISV's to remotely add future functionality and enhancements to in-the-field keys using our unique UpdateOnChip™ mechanism without having to replace already deployed keys.
- **The power of Smart card technology** – Sentinel HL hardware protection keys employ a high performing chip allowing for faster software execution and improved operational efficiency.
- **Superior Performance and Memory Management** – Sentinel HL hardware protection keys allow software vendors to efficiently manage and allocate key memory per their specific needs.
- **Robust Customizable Casing** – The Sentinel HL family of keys features the same physical dimensions as the Sentinel HASP HL family of keys. To find out more on how your existing hardware implementation has changes as part of the introduction of Sentinel HL, please visit the recently launched [Sentinel HL section](#) of the Sentinel Customer Community. (Sentinel HL Migration Guide)

## Question 12: What are some of the additional enhancements the Sentinel HL platform has to offer?

- **AppOnChip** – Execute code segments onboard the key providing a virtually inseparable binding between the key and your application.
- **Driverless** – Sentinel HL keys are field upgradeable from Sentinel HASP HL, Hardlock or Sentinel SuperPro configurations to a Driverless configuration eliminating the need for installing device drivers on end-user machines.
- **Virtual Clock (V-Clock)** – Software vendors can now provide an upgrade to in-the-field deployed keys that enables time-based licensing with key models that don't feature an on-board Real Time Clock such as the Sentinel HL Drive and Sentinel HL ExpressCard.
- **Dynamic Memory Allocation** – Software vendors can efficiently manage and allocate memory as per their specific needs – be it additional licenses or end-user defined memory. In addition, selected models offer larger memory capacity to be used for both additional licenses or user defined data.
- **Cross-Locking** – Sentinel offers a unique Cross-Locking solution that combines hardware, software, and cloud-based protection – allowing you to distribute the license on hardware, as software, or through cloud based delivery.
- **Embedded model** – Software vendors can integrate the Sentinel HL Max (in a chip or board form factor) directly onto their boards. This is an ideal solution for protecting and licensing software running on embedded systems while completely remaining invisible to the naked eye.

## Question 13: Where can I find additional information on the new Sentinel HL keys?

While the sample and evaluation kits will provide you with everything you need to successfully test and qualify the new keys, we do understand that you or other members of your team may still have some questions. This is why we encourage you to reach out to us directly via your dedicated account manager or via our [online discussion forums](#). We will also be hosting a live roadmap updated and open Q&A session for all customers towards the end of this year. Look for that invitation in October.

If you have any questions regarding the new Sentinel HL keys and are not sure who to contact please submit this [request form](#) and an account manager will contact you shortly.

As mentioned above, please visit the recently launched [Sentinel HL section](#) of the Sentinel Customer Community for access to a full list of product features, technical specification, photos, and to request to be notified as soon as samples are available.

Join the Conversation: [www.licensinglive.com](http://www.licensinglive.com)

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