

READERS

Understanding HID Global Readers

What should I know about security keysets?

iCLASS SE® readers and iCLASS Seos™/iCLASS SE credentials offer two keyset security schemes, HID Elite™ and Standard.

The **HID Elite Security Program** supports a unique keyset on a per site/company basis.

The keyset governs a variety of keys, including:

- Media (credential) keys for iCLASS SE, SIO-encoded iCLASS, MIFARE Classic® (SIO®) and MIFARE DESFire EV1® (SIO) credentials
- SIO authenticity and privacy keys (media independent)
- Configuration programming keys (for programming reader configuration, also media independent)

When utilizing HID's standard key set for the above keys, all standard keyed credentials work with all standard keyed readers. Additionally, any Standard Security configuration card configures a Standard Security reader (only accomplished during the first five (5) seconds after reader powers-up). Conversely, when utilizing the HID Elite program, only site/company specific HID Elite credentials and programming cards work with matching readers.

The **Standard Security Program** provides universal keysets that offer maximized compatibility by keying readers and cards with matching security for use in the general population. This allows for maximized compatibility because readers and cards are not keyed on a per site/company basis but rather all keyed the same. This offers the advantage to the integrator as a standard stock of readers and cards will interoperate for a variety of sites/companies, rather than needing different stocks of readers and cards for each individual site. iCLASS SE readers provide two Standard Security Keysets that offer compatibility with the following credentials:

Standard Security Keyset	Compatibility with these Credentials
Version 1	iCLASS Seos (+ Prox) iCLASS SE (+ Prox) iCLASS SR (+ Prox) iCLASS® (+ Prox) MIFARE Classic (+ Prox) MIFARE DESFire EV1 (+ Prox)
Version 2	iCLASS Seos (+ Prox) iCLASS SE (+ Prox) MIFARE Classic (+ Prox) MIFARE DESFire EV1 (+ Prox)

How can I order HID Elite configured readers?

- Direct customers of HID must be authorized to purchase components with HID Elite keys. If you are not authorized, you must have the key owner authorize you through the Authorization form. See <http://www.hidglobal.com/services/secure-identity/credential-programs/iclass-elite-and-se-elite>.
- Ensure the HID Elite flag is set in the part number (of readers, credentials and programming cards).
- All Purchase Orders for HID Elite components must be ordered with the HID Elite reference number (starts with ICE or MOB).

How can I check the status of my order?

- To check order status, go to: <https://orderstatus.hidglobal.com/WebOrderStatus/>