



Frequently Asked Questions

March 2007

1 - What are the supported IT platforms?

Securion is delivered with a driver CD-Rom including drivers for Windows XP, 2003 and Vista. 32 and 64 bits systems are supported.

2 – How can I interface Securion with my computer ?

Securion is delivered with a USB and Ethernet TCP-IP data ports. A USB cable is delivered with the printer.

3 – Are you going to launch a Parallel interface option ?

No, Evolis decided to move to new technologies. Parallel interface will not be implemented on Securion.

4 – Are you going to launch Linux and MAC drivers ?

There is no plan to deliver such a driver. However, Linux remains an option for project-based offers if required. Such a request should be addressed to the Evolis Sales reps.

5 – Can I use Securion through a Serial interface ?

This is an option, but looking at Securion's target market, we do believe that a Serial (also called V24 or RS232) connection would not be suitable. Printing ID badges require high transmission speed, and Serial port cannot be operated at a speed higher than 19,200 bits/sec.

6 – What makes Securion a secured equipment for the owner ?

Preventing fraud on badges is one thing, making sure the card issuance system is fraud-resistant is another topic.

Securion is metal-based and equipped from the basic version with a centralized Key Lock. This one helps securing access to:

- . Card feeder and therefore blank cards
- . Colour ribbon
- . Laminate films
- . Rejected cards

Securion also holds a slot for a Kensington cable preventing the printer to be stolen

And for those who want to really secure the equipment, a special statement added to the application software will enable a password protection that will keep the printer silent. Only the right password will allow printing works to occur. If the printer is stolen, none may use it.

7 – What kind of encoding features are available with Securion ?

Securion is delivered with options:

- . Magnetic stripe encoder, ISO or JIS2, 3-track HiCo/ LoCo
- . Smart contact station allowing the connection of an external chip encoder
- . Dual chip encoder fully featured for smart contact and contactless cards, allowing a wide range of chip encoding for both contact and RFID:
 - PC/SC, EMV 2000-1
 - ISO 14443 A, B
 - ISO 15693
 - HID iCLASS
 - Mifare, DESFire

And more important, all those encoding features can be combined together to personalize all kind of badges.

8 – Can you propose other encoding features ?

Yes, Evolis offers the widest range of encoder in the plastic card market. If the standard offer doesn't suit your needs, don't hesitate to come back to your Evolis Sales Rep. with a detail request and Evolis will do its best to integrate a solution in Securion.

9 – Do you have an SDK ?

Yes, there is a so-called Common-Evolis Software Development Kit (SDK) aiming at supporting developers in creating their custom Securion programs.

It is available free-of-charge from the Evolis Customer Service department.

It consists on printer statements description, programming hints and program samples.

10 – I'm operating several types of cards, how can I handle them easily ?

Evolis thought about this from Securion's design.

First of all, Securion gives you the opportunity to operate several card feeders type since they're detachable.

Also, they're available in different colours so it's quite easy to prevent any mistake by using i.e. the red one for basic cards, and the blue one for smart cards.

In addition, would you need to adjust the lamination depending on the card type, then you'll get help in the driver's properties menu.

You can save each single adjustment (temperature, film, speed,...) in a configuration file, and retrieve it quickly once it is required.

This is simple and really efficient for the operator.

11 – How can I set my TCP/IP configuration ?

Securion is delivered with a standard TCP/IP connection. So you just have to ask your IT-support for an appropriate cable and plug the printer to your LAN (Local Area Network).

Then you can either use the IP feature called DHCP which will help establishing an IP-address to your Securion (factory setting)

You can also set this address directly thanks to the driver setup, or use the MAC-address.

A dedicated procedure will be posted to the Evolis web site to clarify all the technical points related to the IP settings and driver's installation.

12 – What about Securion's warranty ?

Securion's warranty is a 2-year warranty limited to 100,000 cards inserted.

This demonstrates how Evolis feels comfortable with the warranty issues. As you know, most of the competitors offer a 1-year warranty only.

Printing head and Laminator's hot roller are also part of this warranty program.

However, you should take into consideration that such a warranty requires particular operator's attention:

- Cleaning cycle executed on regular basis when required by the printer
- Use of Evolis Genuine Supplies to avoid damaging the printer
- Quality cards ISO CR80, flat and without dust to avoid printer's damage

13 – What are Securion's dimensions and weight ?

Securion is a pretty light machine, slightly longer than the Dualys 1st generation for those who know this machine.

Size :

- Without card hopper: L562.7mm x W262.16mm x H274.64mm (L22.15" x W10.32" x H10.81")
- With card hopper: L658.2mm x W262.16mm x H274.64mm (L25.91" x W10.32" x H10.81")

Weight :

- 15.4 Kg (33.15 Lbs)

14 – What is delivered in the printer box ?

- Printer + Power supply + Power cord + USB cable
- CD-Rom Driver & Docs, eMedia 30 days evaluation
- Cleaning starter kit
- Warranty terms and Safety regulation document

15 – What makes Securion different than the competitor's products ?

- Competitors offer many features as options: Dual sided lamination, Ethernet, Locking features, ...
- Securion provides the end user with a dual sided printer and laminator, with Ethernet, Locker, Kensington slot and 2 years warranty as standard. Simple and easy to order.
- Its printing + Lamination performance is very high compared to other products
- Overall quality is higher

16 – What about Securion's performance ?

Personalization throughput will depend on card design and laminator speed settings. However, Evolis performed the following measurement during evaluation benchmarks:

- YMCK-K, 1.0 mil patch one-side – 85 to 105 cards/ hour
- YMCK-K, Full card overlay one-side – 90 to 110 cards/ hour
- YMCK-K, 1.0 mil patch two-sides – 55 to 70 cards/ hour
- YMCK, 1.0 mil patch one-side – 95 to 120 cards/ hour

17 – What about Securion configurations ?

Securion's catalogue does include five different configurations aiming at providing the end-user with the right product:

- **Securion Basic** – Dual-sided printer & laminator
- **Securion Mag** – Dual-sided printer & laminator, Magnetic ISO or JIS2 encoder

- **Securion Smart** – Dual-sided printer & laminator, Smart contact station
- **Securion Smart & Contactless** – Dual-sided printer & laminator, Smart contact station & Encoding unit for Contact and Contactless cards : PC/SC, EMV 2000-1, ISO 14443A, B, ISO 15693, Mifare, DesFire, HID *iCLASS*
- **Securion Mag, Smart & Contactless** – Dual-sided printer & laminator, Magnetic ISO or JIS2 encoder, Smart contact station & Encoding unit for Contact and Contactless cards : PC/SC, EMV 2000-1, ISO 14443A, B, ISO 15693, Mifare, DesFire, HID *iCLASS*

18 – Can I sort my cards when they're ejected ?

Yes, Securion's is able to determine how the card stands in the machine. In addition, in the printer's driver, you can choose:

- No action, eject as it is in the machine
- Front side visible → First card at the bottom of the pile
- Back side visible → First card on the top of the pile

19 – What are the basic laminates for Securion ?

As a standard in the catalogue, Evolis is launching three types of films:

- Clear Patch 0.6 mil (15 microns thick) – 200 cards / roll
- Clear Patch 1.0 mil (25 microns thick) – 200 cards / roll
- Full card thin overlay with generic hologram (4 microns) – 400 cards / roll

In the coming weeks, Evolis will add new films in the catalogue.

Evolis will also develop new laminate films upon request. Please come to your Evolis Sales Rep. with a detailed requirement.

20 – When will Securion be released ?

Securion's official announcement has been made during the International Web Conferences held on March 13th, 2007.

Product brochures, configurations, sales tools, product pictures, card samples are to be released at the end of March 2007.

Securion's deliveries will start from end of March 2007 too.

21 – Software pricing ?

Securion is delivered with a limited eMedia Standard Version. This means that you benefit from 30 days trial.

Would you want to keep using eMedia afterwards, then you can purchase one of the following upgrades:

Standard edition (Incl. Excel database management)	80€/\$
Professional Edition (Database + Smart chip access via custom routines)	730 €/\$
Expert Edition (Professional + Mifare wizard to help you creating Mifare cards)	1 280 €/\$

Please note that the Expert edition is available from Mediasoft Technologies only.

22 – Securion service ?

It is mandatory to clean the printer to keep it in a good shape for card personalization and lamination.

To keep your product covered by the Evolis limited warranty, it is required to clean every 1,000 cards.

However, to maximize the badge quality, we do recommend a cleaning each time you change a colour ribbon.

23 – Types of blank cards ?

Usually, laminating on PVC cards requires the use of dedicated blank cards called PVC Composite cards. They consist on 60% PVC and 40% PET.

Laminating on one side can be performed by Securion on standard Evolis PVC cards, thanks to a slightly lower temperature of the laminator and a better hot roller technology to apply the patch.

In any case, the end-user **MUST** qualify the cards prior to any mass production.

24 – ROHS ?

Securion is ROHS compliant.