



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
- 2 keys (from April 2007)

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 – What kind of printing ribbons Securion is using ?

Securion integrates a Dualys printing engine. So basically, any kind of ribbon supported by Dualys is supported by Securion.

The key advantage for the Evolis Partners is the stock compatibility. No need for special ribbons to operate Securion.

22 – What about Securion's product configurations ?

As announced during the web conference, Securion will be fully equipped with a lot of features.

However, during the first step (from March to end of April 2007), Securion won't be delivered with a Key Lock. This will be added in the factory process at the end of April.

For those who received a Securion beforehand, Evolis will ship a free upgrade kit so you can benefit from this feature too.

Ethernet is fully operative. However, our R&D is still working on improving features and diagnostic tools. Stay tuned over the Private Section of our Evolis web site to download the latest firmware, drivers and documentation.

Evolis is still working on the cleaning procedure for the laminator. For the time being, the process is ready for the printer and the cleaning card is rejected into the reject box. More to come in the next coming weeks to finalize this point.

23 – Securion's training program ?

There will be a dedicated training program for the EBP's willing to actively promote the solution.

To begin, it has been decided to exchange the potential faulty products.

This will evolve at the end of Q2-2007 and Evolis will issue a Spare Part List, as well as an ERC program for Securion.

From now, keep in mind that Securion's is very close to a Dualys printer.

24 – Securion's launch plan ?

March 2007 is a first significant step ahead for Securion. However, Evolis wants to develop a very close partnership with the EBP's who want to actively promote the product.

Initial quantity is limited and we both need to focus on qualified business opportunities rather than trying to push Securion to any kind of application.

Our production will increase step by step. However, Securion's sales remain driven by quantity projects, and this is a clear change in our selling process.

Selling Securion requires high technical skills, solution-oriented approach as well as patience.

25 – Securion's main characteristics ?

- Color printing module and laminating unit
- 300 dpi print head (11.8 dots/mm)
- USB & Ethernet TCP-IP connection
- 16 Mbyte RAM allowing two full cards storage (front & back side)
- Flip-over for dual-sided printing or laminating
- Detachable input hopper 100 cards (0,76mm or 30 mil)
- Output hopper 100 cards (0,76mm or 30 mil)
- Reject box 15 cards (0,76mm or 30 mil)
- Two-line LCD display and status LED
- Locking system to secure the access to blank cards, ribbons, films and rejected cards
- Support for a Kensington® locking system

26 – Securion's operation mode ?

Securion is able to print and laminate in the mean time. If the printer completes the job before the lamination of the previous card is done, the printer will be on hold until the card can be launched into the lamination station.

27 – 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.

28 – 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.

29 – Securion's target markets ?

From now on, the main applications we already identified for such a product are:

- Driving license
- International student cards
- National Id cards
- Refugee, Visa, and all other alternatives to National ID cards
- Airport and Port authority cards
- Airlines and transportation companies
- Government employees and affiliates (especially the FIPS 201 US program)
- Police, military and custom forces
- Secured ID corporate cards
- ...

30 – Laminates thickness ?

Patches:

- 0.6 mil or 15 microns thick
- mil or 25 microns thick

Continuous overlay:

4 microns thick

31 Securion's launch plan and delivery schedule

Launch:

- International web launch on March 13th, 2007
- Sales tools and Marketing material available from March 30th, 2007

Shipments:

- Standard products available from March 30th, 2007 (no keys, upgrade kit in April)
- Standard products delivered with key lock from end of April 2007
- Custom hologram films conditions and process to be made available from early May 2007
- Additional types of film to be added in the catalogue in May 2007

32 – What happen if the keys are lost ?

In case the keys are lost, it is required to come back to an Evolis Repair Center who will be able to remove the existing locker and replace it by a new one (with leys).

We made the choice not to distribute key passes to increase security. The current solution is cheaper and helped us to intergrate it as a standard feature.

Two keys are delivered together with the machines.

33 – 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.

34 – ROHS ?

Securion is ROHS compliant.