



PRESS RELEASE

SPS thinnest inlay brings additional security features to passport polycarbonate datapage

Smart Packaging Solutions (SPS) introduces one of the thinnest inlay in the world that expands into the hinge of a passport bringing new security features thanks to its ability to embed a specific image for each government while making the assembly easier for passport manufacturers.

ROUSSET, FRANCE, November 24, 2016 – Smart Packaging Solutions, a world leader in dual interface and contactless eID documents and banking cards, introduces its hinge inlay for polycarbonate datapage in traditional and ePassports. As this patented technology combines the inlay for the datapage with the hinge of the passport, it allows to combine better security with a simplification of the manufacturing process.

The hinge inlay can embed a Customized Hinge Image (CHI™), a technology consisting in defining a specific hinge design for each passport issuer. For instance, a national symbol, an acronym or a specific mark can be part of the hinge design making it extremely difficult for a fraudster to reproduce. When the passport is controlled, a CHI™ can easily be verified by transparency, just by exposing the card in front of a light, like a watermark in a paper.

In addition, as the hinge inlay is extremely thin, under 40 µm, its lamination with the other layers in a passport datapage gives a thinner datapage. For instance, thanks to SPS hinge inlay thinness, the whole datapage of a non-electronic passport is only 400 µm while the datapage of an electronic passport is between 650 and 800 µm depending on the security features.

Finally, in case of an ePassport, the hinge inlay already includes the antenna, which is coupled with the chip by induction thanks to SPS EBooster® technology. This way, passport manufacturers see their assembly operations streamlined and more efficient while making ePassports more reliable. SPS hinge inlay can also be combined with all other security features.

Dominique Charrie, Product & Marketing manager for eID, declares: “The hinge inlay brings at the same time a higher security and a thinner datapage to passport designers and manufacturers. It allows them to streamline their process and gain in efficiency and product reliability”.

SPS will be present at Trustech, in Cannes, France, from November 29th to December 1st, 2016. Come and visit us on Groupe Imprimerie Nationale / SPS booth Riviera B059. In addition, the

hinge inlay has been selected as a finalist through Nautilus™ datapage from Imprimerie Nationale, for the Sesames awards that will be announced during Trustech event.

About SPS

Smart Packaging Solutions is specialized in the design, manufacturing and sale of contactless solutions dedicated to ID cards, e-passport and dual interface banking cards. Headquartered in Rousset, France, with a subsidiary in Singapore, SPS employs 120 people. Part of the French Imprimerie Nationale Group, the company specializes in contactless and dual-interface products, with a recognized micro packaging expertise. SPS has filed over 120 patents supporting its exclusive technologies. More information at www.s-p-s.com

Contact

Olivier BRUNET, Product & Marketing director, SPS, contact@s-p-s.com, tel: +33 4 42 53 84 44

SPS is part of the Imprimerie Nationale Group.



The Imprimerie Nationale Group is a global leader in secure identity solutions.

In a mobile and digital world where data security has become the major issue, the Imprimerie Nationale Group offers States, governments and businesses trusted solutions including added value electronic components for banking, identity solutions including electronic components, cutting-edge secure credentials and safe and reliable interoperable systems, but also innovative and efficient digital services, and secure solutions for complex printings and workflows.

Real engineering company, the Imprimerie Nationale Group is specialized in the integration of electronic and biometrics in identity documents and in polycarbonate cards. Thanks to its innovative new products and its strengthened security, the Imprimerie Nationale Group has become a worldwide leader with major customers in over 68 countries.

Based in Paris, the Imprimerie Nationale Group has two production centers and employs more than 700 employees, of which over a third is dedicated to technology development.

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Contact : Imprimerie Nationale Group

Romain Galesne-Fontaine | +33 1 40 58 30 00 | media@imprimerienationale.fr

