Solstice

LUMILUX®

FOR CURRENCY SECURITY



LUMILUX® FOR CURRENCY SECURITY

> Regardless of whether the transaction takes place at a large central bank, an office or a corner market, confidence in the authenticity of the banknotes and coins being used is critically important.

DECADES OF EXPERIENCE DELIVER UNIQUE SOLUTIONS

Solstice Authentication Technologies is a trusted global security supplier and is the world's leading supplier of covert security materials and solutions.

Through our Lumilux® brand, we have over 50 years of experience. providing authentication expertise to government agencies, national central banks, and their suppliers and vendors.

We have the largest and most diverse portfolio of security materials and pigments in the industry. Our solutions are one-of-a-kind due to the precise combinations of rare earth fluorophores used and the unique signature that each compound emits.

Our compounds are extremely difficult to reproduce due to the high level of technological skill and expertise needed to characterize and manufacture them.

These materials can be integrated into nearly every facet of a banknote or coin—inks, fibers, threads, or paper, polymer, and metal substrates—to create features that counterfeiters simply can't match.

Solstice has also developed a family of highly sensitive and sophisticated detectors to enable our secure chemistries and create true lock and - key solutions for our customers.

We offer customized quality control, process control, high-speed sorting, and handheld detectors to help you create banknotes and coins that are easy to authenticate but virtually impossible to counterfeit. These detectors are available as standalone or original equipment manufacturer units.

They can also be designed to retrofit onto banknote or coin sorting equipment, paper manufacturing lines or hand held readers.



COMPETENCE, RELIABILITY, AND TRUST ARE SOLSTICE HALLMARKS

When you choose Solstice, you're choosing the world's leading provider of authentication solutions. You're also choosing a partner with a century-long record of innovation, performance and reliability.

Competence: Our experienced security team understands the threats you face from a new generation of counterfeiters who get more sophisticated every day. Our global resources, technical expertise and record of innovation qualify us to help you achieve your most challenging objectives.

Reliability: The leading companies in dozens of industries count on Solstice every day. Quality, innovation, continuous improvement and customer support are deeply ingrained in our culture. You can rely on our ability to create unique and innovative solutions for your most perplexing problems.

Trust: Confidentiality is fundamental to the way we do business. We have well-defined policies, proven processes and robust control systems in place to ensure that uncompromising secrecy is paramount in all our dealings with currency customers. Solstice has also developed a family of highly sensitive and sophisticated detectors to enable our secure chemistries and create true lock-and-key solutions for our customers.

BENEFITS OF WORKING WITH SOLSTICE

- Trusted global partner throughout the banknote and coin industry
- Diverse portfolio of unique lock-and-key security solutions
- Custom designs that are confidential and secure



AUTHENTICATION SOLUTIONS YOU CAN BANK ON

Banknote producers, coin issuers and the companies that support them are facing unprecedented threats from counterfeiters who are becoming increasingly brazen and creative as technology advances. Let our team develop a custom solution to help you confront the counterfeiting challenges you face.



GLOBAL CAPABILITIES BACKED BY SOLSTICE

Solstice's Authentication Technologies group traces its lineage back more than a century to Riedel-de Haën™, a pioneer in luminescent materials development and production. Today, the group has sales and customer support locations throughout North America, Europe and Asia and an advanced ISO 9001-certified manufacturing facility in Seelze, Germany.

The group is part of Solstice Advanced Materials, a diversified technology leader and global manufacturer of high performance specialty materials.

RESPONSIBLE CARE®
OUR COMMITMENT TO SUSTAINABILITY

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