



CASE STUDY



SECURITY SUCCESS | INDRA SYSTEMS

When the Panama Canal Authority (PCA) needed a print solution to secure its temporary visa certificates, Spain's Indra Systems turned to **AuthentiGuard On-Demand™**. The flexible, web-based application allowed the PCA to better control the identification process and protect the certificates from counterfeiting and fraudulent misuse from issuing sites around the world.

A High Level Need Requires A Foundational Solution

Indra Systems is a leading Spanish information technologies and defense systems company, whose solid technology base, constant innovation and measurable results have attracted customers throughout the globe. One of those customers, the Panama Canal Authority (PCA), tasked Indra with finding a solution to secure the mass issuance of its temporary visa certificates.

The certificates, which cover the three-month interim period it takes to receive a permanent visa, suffered from a host of security problems, including the use of fraudulent credentials, modified dates and outright counterfeiting. Previously, the PCA had relied on a special paper stock to issue the certificates, but security was constantly undermined when that stock was either stolen or replicated.

To satisfy the PCA's requirements, Indra needed a solution that could be quickly and easily implemented, with intuitive management capabilities and printing simplicity. It was imperative that this solution be both efficient and extensible in order to accommodate the more than 400 global sites that print the documents.

AuthentiGuard On-Demand™ Leads the Way to Global Security

After an exhaustive review of competitive solutions, including some of the biggest names in high tech security, AuthentiGuard On-Demand was chosen to deliver a dynamic print security solution that was simple to setup, use and extend to a global network. The web-based application's sophisticated, anti-counterfeiting printing technology helped close the security gaps in the issuance of the certificates. The Indra solution was customized to PCA's requirements, using Prism™ technology to protect vital information, such as:

- The date of issue
- Expiration
- Receipt number
- Issuing officer name
- Issuing officer's badge number

Along with the Pantograph 4000™ anti-copy technology, AuthentiGuard On-Demand has enabled the PCA to add significant efficiency and processing speed in delivering temporary authorizations of passage, while adding valuable layers of security into the associated documents, wherever they are issued.





A Permanent Fix for Temporary Visa Vulnerability

AuthentiGuard On-Demand provides a permanent solution to the PCA's problem with temporary visas. One short transaction is all it takes for a member of a ship's crew to receive a validated certificate, whether directly at the Panama Canal, or in advance, at one of hundreds of global issuing sites. The process begins when an issuing officer takes the sailor's name and personal information and enters them into a standard HTML form online. After hitting "send," the form is sent to the server, where the database collects the information and dynamically builds a document with all key data encrypted.

The document that returns from the server has the verification technology already embedded. The visa is then printed out on a standard office printer and is signed by the issuing officer. The entire transaction only takes minutes to complete no matter where it is conducted. As long as the information in the visible fields match the information in the hidden fields upon inspection, the document is considered valid.

Documented Results

The finalized solution, which secures temporary visas at the time they are issued, was delivered by Indra to PCA in less than two months. Since becoming operational, PCA has taken back control of the verification process and has solved the temporary visa issue permanently.



The Benefits of Simple Security

- Strong visual deterrent to falsification attempts
- Easy to implement and non-disruptive
- Streamlined credentialing process
- Customized according to process requirements
- Easy transmission of security features for printing
- Additional layer of national security
- Easily extensible for mass issuance

About AuthentiGuard On-Demand

AuthentiGuard On-Demand is a secure print technology developed jointly by Document Security Systems (DSS), a world leader in the development and implementation of anti-counterfeiting optical deterrent technologies, and The Ergonomic Group (EG), a comprehensive technology solutions provider with deep information security expertise. AuthentiGuard On-Demand can be used as part of a layered security initiative, or on its own to help mitigate corporate risk and deter fraudulent activity. [Learn more at Authenticate-360.com](http://Authenticate-360.com)



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