

Software Development for Cash Logistics

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Intelligent Currency Solutions




Benchmarking the Industry

Note Quality Reporting for ICS

7 Layer Solutions, an independent software developer specialising in the **cash logistics industry**, provides note quality reporting solution to ICS.

Client Profile

Intelligent Currency Solutions (ICS) has been formed to provide independent note quality, fitness monitoring and benchmarking services for banknote issuing authorities and cash processing companies. ICS is targeting three sectors.

-  Central banks
-  Commercial processors including CIT companies
-  Note suppliers

Background

The banknote benchmarking systems have been developed in response to the growing trend by banknote issuing authorities to outsource note circulation and some of the difficulties that have arisen as a result.

Situation

Central banks need to establish common standards for productivity, fitness and quality, when notes are being processed by a number of different suppliers using a wide range of different banknote sorting or recycling equipment.



Solution

In conjunction with **7 Layer**, ICS has developed a patent-pending process comprising a suite of detectors, software and support services. Detectors are vendor-independent and will monitor note throughput and quality by denomination according to predetermined parameters which cannot be altered by the machine suppliers or operators. Data is linked via the internet to a reporting package hosted on secure servers managed by ICS which will consolidate the data from each site, shift, machine, customer etc. This data can be accessed by the processing organisation and, in turn, the banknote issuing authority.

A company registered in England and Wales
Registration No. 3817853



Case Study... Case Study... Case Study... Case Study... Case Study...



Pain

Central banks need to gain a detailed understanding of the mix, condition and flow of their currency and compare performances and trends.



Commercial processors, including CIT companies, have no CB issued guidelines on which to base their current note standard grading systems, thus they cannot guarantee fitness acceptance which can cost them in fines if deemed unfit.



Note suppliers have no current monitoring system allowing them to better forecast market requirements.



Gain

7 Layer Solutions have developed the Reporting and Management Information software associated with the banknote benchmarking system.

Commercial processors will benefit from a competitive edge in offering outsourcing solutions, which will also avoid arbitrary penalties arising from subjective interpretations of standards.

Note suppliers will gain a detailed knowledge of what is happening in the market on which they can base their commercial offerings.

About 7 Layer Solutions

7 Layer Solutions is a specialist software house focussed on the development and delivery of robust and innovative solutions to the cash logistics industry.

The company has undertaken contracts for banks, security companies, suppliers of cash processing systems and commercial companies, including some of the industry's best known names. We are used to working on commercially sensitive business projects where maintenance of security and confidentiality are essential.

We act as a developer of products for other companies, working closely with the in-house client facing teams to design, develop, deliver and support the software solutions needed by end client organisations such as retailers, commercial banks, cash centres and central banks. We also develop our own range of niche products that we distribute through specialist suppliers of services to the cash logistics industry. The skill set and experience of its staff are such that **7 Layer Solutions** are able to assume responsibility for existing applications, for stabilisation and maintenance, or build new solutions straight from the business requirements. **7 Layer** is able to engage in a software project at any stage from initial concept definition through to deployment.

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