



# NoteChain<sup>®</sup>

## Pilot Program

Visualise your Currency in a Whole New Light

Unearth banknote performance insights only possible  
using the big data analytic power of **NoteChain<sup>®</sup>**



**NoteChain®** is the world's only data analytic platform designed specifically for end-to-end currency management.

The power of this all-encompassing big data program offers a revolutionary approach for the banknote industry. For the first time, Central Banks can efficiently explore billions of specific currency data points to understand the true reality of what is happening to their banknotes in the cash cycle *and why*.

With the ability to analyse the data in any number of ways, **NoteChain®** is a flexible and dynamic reporting tool.



Ask any question about your currency's performance. **NoteChain®** will provide the answer in the form of an engaging and informative dashboard display that makes understanding and discussing the results of its analysis easy.

*How is this powerful insight possible?*

With access to *banknote serial number data*, **NoteChain®** provides answers to any number of specific questions Central Bank Managers will have about the performance of their cash supply, such as:

- ✓ How hard are your banknotes working in circulation?
- ✓ What is the current life of notes in circulation (by denomination or series, or within a geographical area)?
- ✓ How much does a banknote (by denomination or series) cost in circulation per day, per month, each year?
- ✓ Which banknotes are performing the best and why (denomination, series)?
- ✓ How efficiently are banknotes being distributed?
- ✓ And many more...

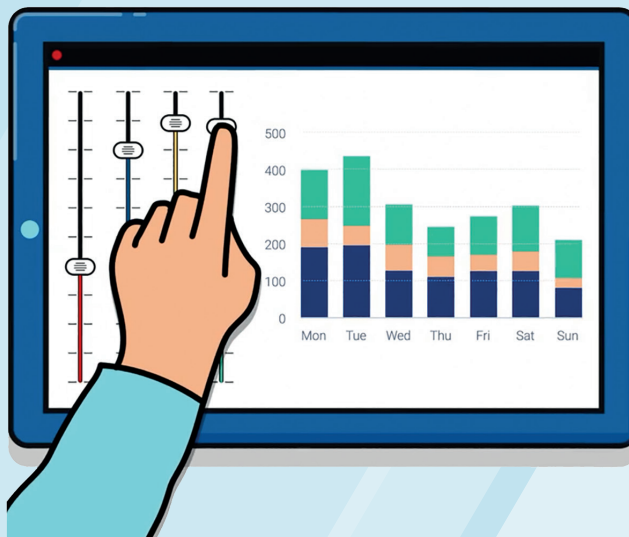
## The Desk Pilot Program: Trial the software quickly, easily and for free

The perfect entry point to gain firsthand experience of applying **NoteChain®** to your currency system.

The Desk Pilot program allows a Central Bank to trial the power of **NoteChain®** using a single set of data, at no charge and with no obligation.

In collaboration with the Bank, the **7 Layer** team will develop algorithms for questions the Bank is in most need of answering, then process a single set of data of any size (i.e. one cash centre or the whole currency system) to produce a dashboard visualisation.

The data can be run either through **7 Layer's** secure digital environment in the United Kingdom, or on-site at the Central Bank's premises.



## The Live Pilot Program: Six months that will Change the Game

Experience the true capability of **NoteChain®** through the collection of cash cycle data for a six month period.

By systematically collecting and analysing live data at regular time points, a true picture of your banknotes' performance will emerge. It is through the comparison of multiple data sets over time that **NoteChain®** will identify and make evident trends, relationships and previously unseen performance correlations.

The Live Pilot program allows a Central Bank to put **NoteChain's®** 900,000 lines of code and 20 programmer-years of development to work in the most powerful way possible.

## Stepping into the Future with NoteChain®

Turn a rich source of information into evidence-based decision making.

With **NoteChain®** at work for a six month period via the Live Pilot, the Bank will be ready to optimise the usable life of its currency to achieve significant savings per year on note issue, distribution and storage costs.

**NoteChain®** insights will typically reveal obvious areas for improvement that a central bank can action as short term tactical initiatives to start delivering cost savings within the first 12 months of operation.

In the medium to long-term, **NoteChain®** will positively influence strategic decision-making. On-going insights become more powerful as the total volume of data grows, making Continuous Improvement of the currency system a perpetual business process.

The Future of Currency Management is now a reality: Decision-making based on facts and evidence made possible only through the big data analytic power of **NoteChain®**.

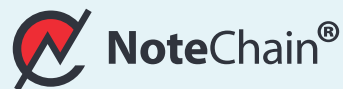


## The Quiet Achievers

The team behind **NoteChain®** is the currency industry's leading software development group.

**7 Layer** software products have been in the banknote industry for more than 20 years and are currently being used by more than 30 central banks worldwide.

Cash logistics operations domestically and globally have continued to improve through the efforts of companies like **7 Layer**, whose software innovations are tightly linked to banknote processing equipment developments and evolving customer needs.



Contact **7 Layer** today to discuss how your bank can specifically benefit from the big data power of **NoteChain®**.

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