

## REPLACE YOUR ANTIQUE PIN SYSTEM, SAVE THE WORLD!

The UK has never needed more security.

With current PIN systems, identity theft and fraud have risen to unprecedented levels. New technology is required to guarantee security and Otto Künnecke has developed the solution.

When the postman intercepts Paris Hilton's credit card and buys a small island, Paris is covered because her bank will foot the bill. The bank is covered because their insurance will reimburse them. But next year the bank will face a sharp increase in premium. Islands are not cheap!

Every day your company issues the current "secure" mailings, you are putting your customers at risk.

With our new PIN Handling systems, you can eliminate that risk, improve customer confidence and save some money too.

## **Otto Künnecke PHS-DL at DSV Group**

Early in 2007, the DSV Group (Deutscher Sparkassenverlag) designed a new PIN letter for credit and debit cards offering unsurpassed security and simplicity.

However, there was no equipment on the market with the ability to produce the new secure mailer. DSV knew the reputation of Otto Künnecke's PIN Handling systems and enquired about a customised solution.

Six months later, DSV's new system secured its first PIN and customers started receiving their new letters. Over 15 million mailings have been dispatched since November 2007.

Heat, chemical influences and mechanical force have been proven to fail at separating the labels from each other and with the holographic security label applied as the top label, manipulation can be seen immediately.



## Otto Künnecke's PIN Handling Systems

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The PHS-TS utilises sealable paper to secure the PIN number. It is printed, folded and heat sealed.

The PHS-SL processes standard laser paper with a special matrix. When the SL affixes a single tamper proof label on top of the PIN, the data becomes invisible from both the front and rear of the paper.

The PHS-TSL uses both the above technologies. The PIN is printed onto sealed paper and then covered by a security label. The document is then folded and heat sealed. It is almost impossible to open without any visible traces.

The PHS-DL is the most secure PIN system, sandwiching the PIN between two labels. The carrier is printed and the first label is attached. The PIN is then printed onto this label and a second label applied. The PIN is secure between the two labels and cannot be tampered with.

The PHS-CCL Is a somewhat unconventional way of delivering the card and pin number in one package. The PIN is secured using the same method as the SL, and the corresponding card is affixed to the document. Both card and PIN remain inactive until the end user's identity is verified by banking staff.



For more information on Otto Künnecke and the PHS system, contact Lindsay or Carl at Unique Finishing on 01727 899900