



Cash Handling with Serial Number Recognition Technologies



Benefit



With serial number recognition technologies applied...

Significantly reduces the cost of processing small envelope deposits

Small deposits with a few pieces of mixed denominations can be processed together



Envelope Deposit

Bulk Deposit



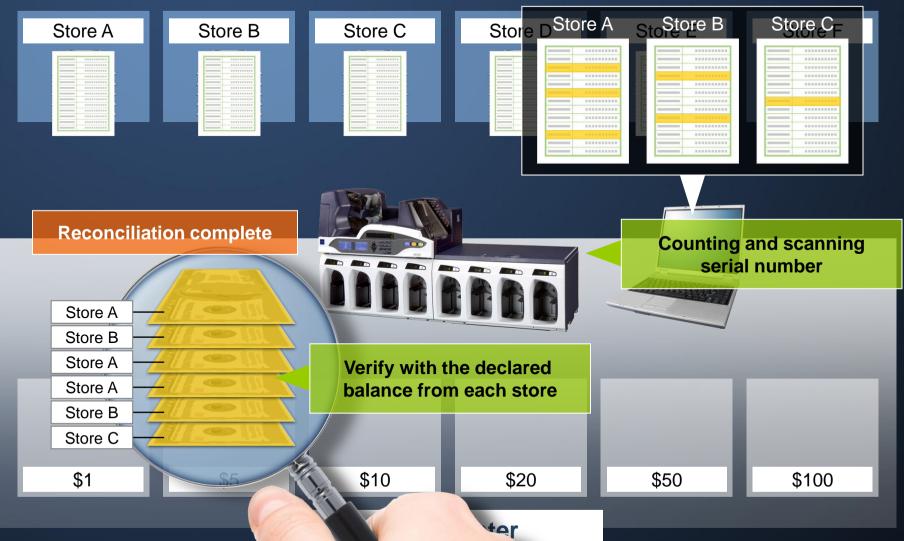
Typically 70% of cash volumes are small deposits – improve efficiency where it is most effective

Resulting in greater flexibility and competitive service fees

To increase the efficiency and productivity of cash deposit processing

Small deposits can be processed with the use of a "Virtual Header Card"





Options for providing the serial number data

Value counter at depositor's site



Smart safe at depositor's site



Actual comparison on the time spent for the processing

- 1) Conditions
- Denomination- €5/10/20/50/100
 4 pieces each One envelop contains 20 pieces
- Calculate average time to process total of 100 envelops (in total 2,000 pieces)

2) Result

- 1. Conventional Way
 - Average Counting Time 12.7 seconds
 - -Average time to process one envelop 30 seconds

(Show envelop to Camera→Open Envelop→System Entry (Envelope NO.)→Count (With a few Coins)→If not any discrepancy, complete)

- •Thus 100 envelops mean 30 × 100=3000sec=50minutes
- •Then go to UW-600 for physical sorting 250sec=4m10s
- -Total 54m10s
- 2. VHC approach
 - Data verification + Physical Sorting by UW-600 250sec=4m10s
 - Total processing time 4m30s
 - (PC operation →Retrieve Serial Number data from SD card→Count→No discrepancy, finished)
- 3. Comparison 54m10s÷4m30s=12times higher productivity

