

CHARACTERISTICS

- V-Id™ can be used on its own or alongside existing bar codes (optimised re-reading)
- Independent of any automatic address recognition system
- Storage of ID (a few tens of Kb) on a dedicated V-Id™ server
- Centralised or distributed architecture
- Possibility of migrating an existing solution using bar codes to a V-Id™ solution
- Possibility of local or remote video-coding, on-line or off-line, without any investment in additional hardware
- Construction of a virtual ID from:
 - the physical features of the mail piece (format, thickness, weight, etc.),
 - graphic attributes (texture, colour distribution etc.),
 - textual attributes (handwritten or machine-printed alphanumeric characters, number of lines and content of address),
 - symbolic elements (printed marks, logos, bar codes etc.),
 - contextual information (sorting process).



IN BRIEF

The V-Id™ is a virtual ID tag, which enables the processing of information on an envelope without having to print some kind of bar code or other mark first. Based on the analysis of features which make the mail piece a unique object, the V-Id™ replaces, to its advantage, all other identification marks. The image acquired of the mail item is associated with a unique V-Id™ which allows the mail to be correctly identified each time it passes through a sorting machine, thus facilitating mail processing and tracking.

BENEFITS

- Removal of printing and labelling modules, reduced footprint, reduced maintenance
- Elimination of environmentally harmful consumables: inks, solvents and labels
- Conformity with UPU standards for international mail
- Improvement in machine reliability (no printers, labellers or code verifiers)
- Applicable to all postal objects
- Elimination of rejects due to illegible bar codes. In bar code systems, typically 4 to 5% of letters are rejected and processed manually due to illegible codes
- Increased read rate and level of operational efficiency compared with bar code technology
- Mail pieces remain with their original appearance as no barcode is printed
- Increase in available space for marketing messages
- No differentiation between processing national and international flows.

REFERENCES

- France: Roissy Hub international mail processing facility for export sorting of letter mail
- Finland: processing of letters and flat objects across the whole country, interconnection between sites.



FOR MORE INFORMATION
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