



Vision SW



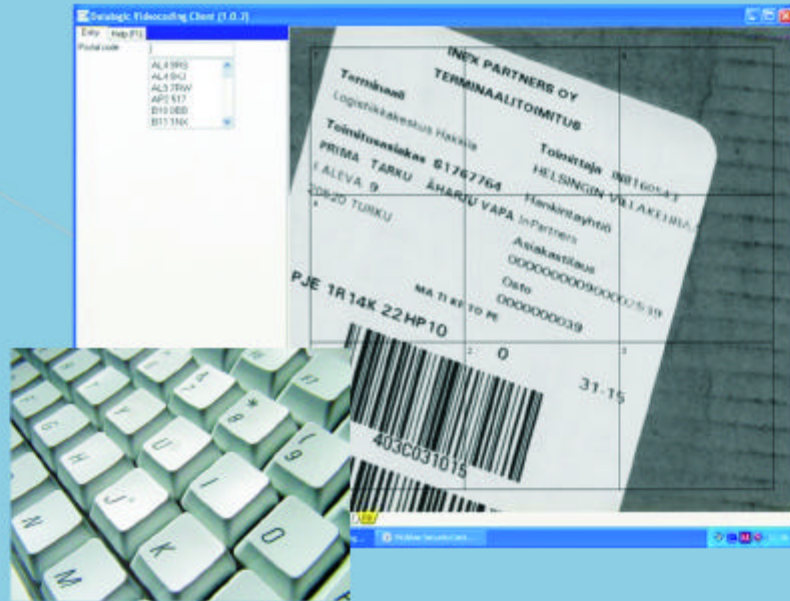
ROI Finder



Built-in Database



High Investment Return



Unattended Scanning Systems™

## General Description

The DL-VideoSorting SW is the Datalogic Videocoding solution offered as an option for the DV9500 Vision System which provides complete automation in the Transportation and Logistic market. It's composed of a Software package while a complete hardware system can be provided on demand.

**Complete Business Solution:** When it's not possible to sort the parcel because the bar code is not detected (i.e. damaged or missing) or the bar code information is not enough for the sorting activity, the images are collected by the DV9500 Vision System and sent to a computer server. This elaborates the images and dispatches them to a remote key entry client system. The terminal shows the images to an operator who can manually enter the required information in a data entry form that can be customized. This data will be used online to sort the parcel or offline for other uses (i.e. offline database management or process analysis).

**High Value System:** All Videocoding activities are speeded-up thanks to an automatic Region of Interest Finder that extracts the image that most likely contains the block to be analyzed. Then, it presents the image zoomed and rotated. Alternatively, the operator may perform several graphical operations, including selection, zooming, rotation, and image adjustment. In order to make data-entry faster and avoid an operation with incorrect sorting, data entry may be supported by a built-in customer database (i.e. postal code database).

**Large System supported:** When many reading points are present, the DL-VideoSorting SW can support a large number of multi-sided camera systems, maximizing system efficiency.

**High Investment Return:** Complete automation of a Distribution Center helps avoid any other manual handling, reducing labor costs and enhancing the sorting process speed and performance.

Moreover, the possibility to store all the images and collected data with the use of statistical information could help analyze and consequently improve the performance of the whole sorting system.

**Improve your sorting operations with DLVideoSorting.**

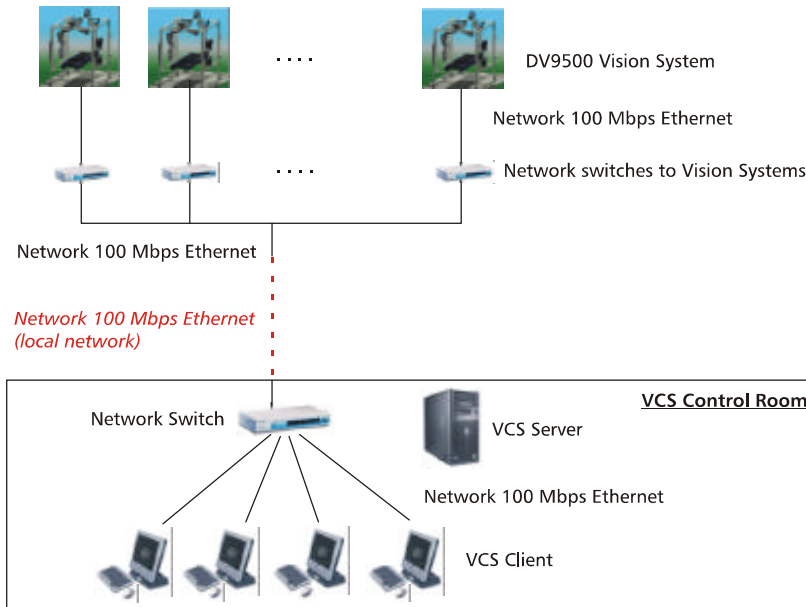
## Features

- > Higher Throughput even on fast applications
- > Automatic Region Of Interest Finder
- > Automatic Image selection and adjustment
- > Customizable Data Entry Form
- > Built-in customer database to help keying activities
- > Multi-camera systems supported
- > Image and Data Storage
- > High Investment Return

## Applications

- > Parcel distribution
- > Mail distribution
- > Online Sortation:
  - No Read Management
  - No Smart Label Management
- > Offline Database Management

## Videocoding HW Architecture

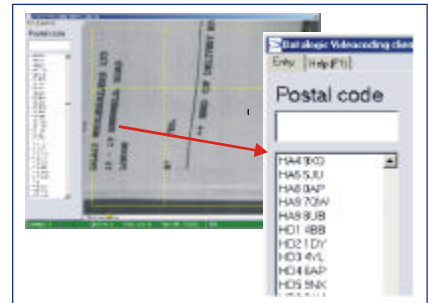


Videocoding HW Architecture

## Main Features



Automated Region of Interest Finder

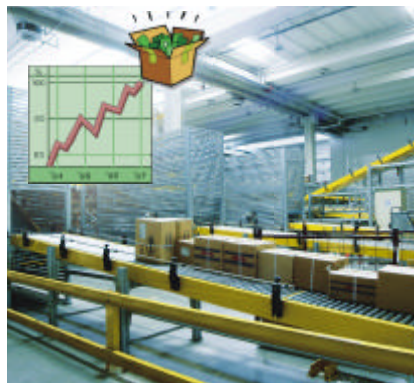


Built-in Customer Database

## Main Benefits



Reduced Manual Handling for lower operating costs



Enhanced Sorting Performance for higher system throughput

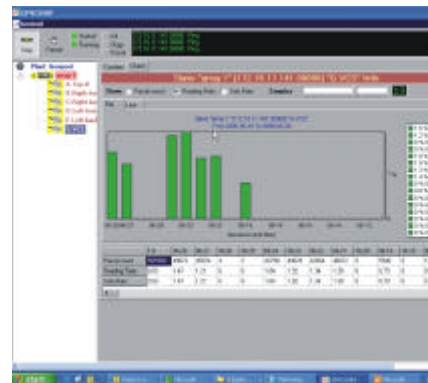


Image and Data saving to improve internal and external processes

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