



Flexible and easy-to-use

With dynamic controls

For quality and precision
in industrial printing

Technical Specifications

General

Camera	Linear - up to 12288 pixels
Number of cameras	Two as standard
Number of control areas	20 maximum
Paper speed (Max)	500 feet per min
Paper width (Max)	20.5 inches / 520mm

Controls

Font	Reading: TrueType or specific fonts Reading and Quality Control of CMC7 and E13B
Bar codes	Code 128, Code 2/5, Code 39, Code 93, Code 11, EAN13, EAN128, etc.. American Postcodes (IMB, PostNet, Planet etc..)
2D Codes	Datamatrix, PDF417, QRCode, MaxiCode, PharmaCode etc..
Image	Quality control and presence
Centering	Verification of the centering of data
Paper	Verification of the paper type

Verification & Action

Verification	Area content, Coherence between areas Comparison to the print file, comparison to a reference
Action	Print stop, Visual or Ringing alarm, Trace File

Other

Print-server	Advanced dialog (Job control, paper type etc..)
Operator interface	Touch screen
PC included in the solution	Configuration according to needs

JefCONTROL allows to :

- Define simple and sophisticated controls
- Specify the number of cameras to be used
- Describe several control pages for the same camera in the same job – as a dynamic criterion
- Associate control areas with specific results – OCR, codes, logos etc..
- Establish verification rules for validating results after processing
- Initiate actions – ring alarm, stop printing, create a trace file etc..

JefCONTROL ensures :

- Proper execution of jobs – it is possible to choose jobs manually (by the operator) or automatically (thru the print server)
- Management of cameras with acquisition boards and synchronization sensors
- Dynamic definition of the control page in accordance with control point areas
- Execution of the controls & enforcement of the rules with optimized processing time
- Intuitive and friendly interface for best operator productivity – touch screen, visual controls, zoom, free and targeted displacements

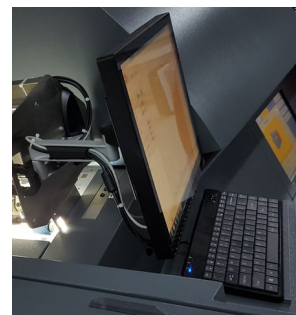
Hardware



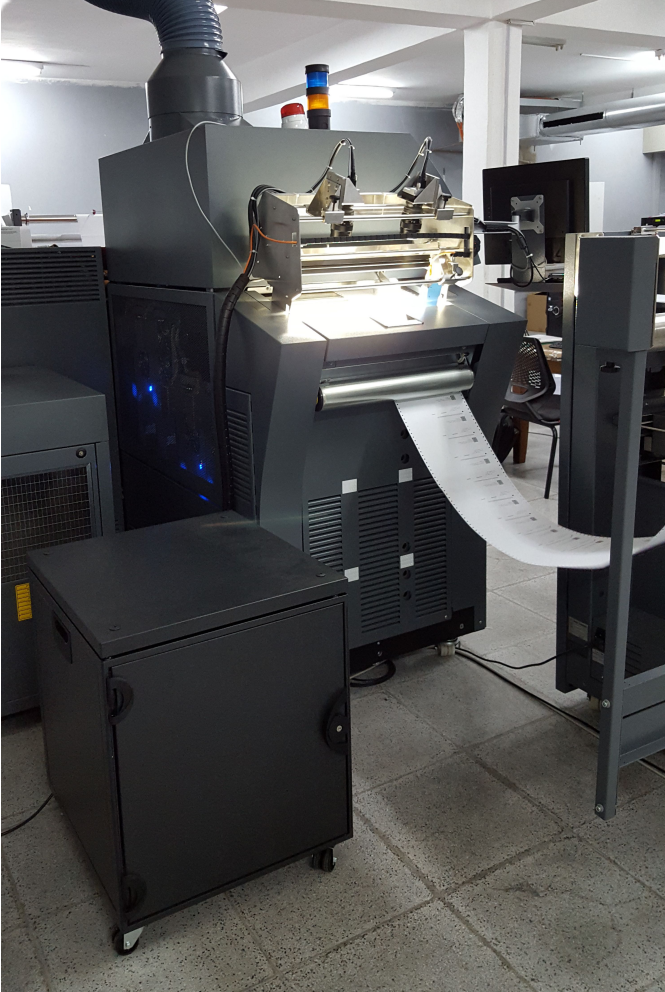
Two linear cameras 4096pix (60µm/pix)
One coder for speed synchronization
One Sensor to detect a mark
LED Illumination



Win7 and PC based
Touchscreen
UPS (Option)



Installation on Nipson Digiflex



Installed on the printer

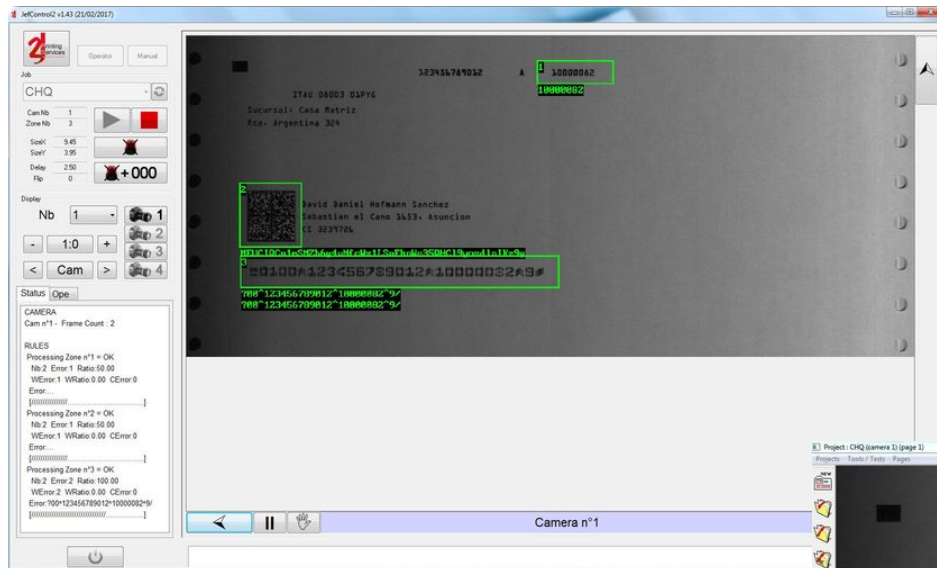
Installation on Nipson VP500



Integrated in the line

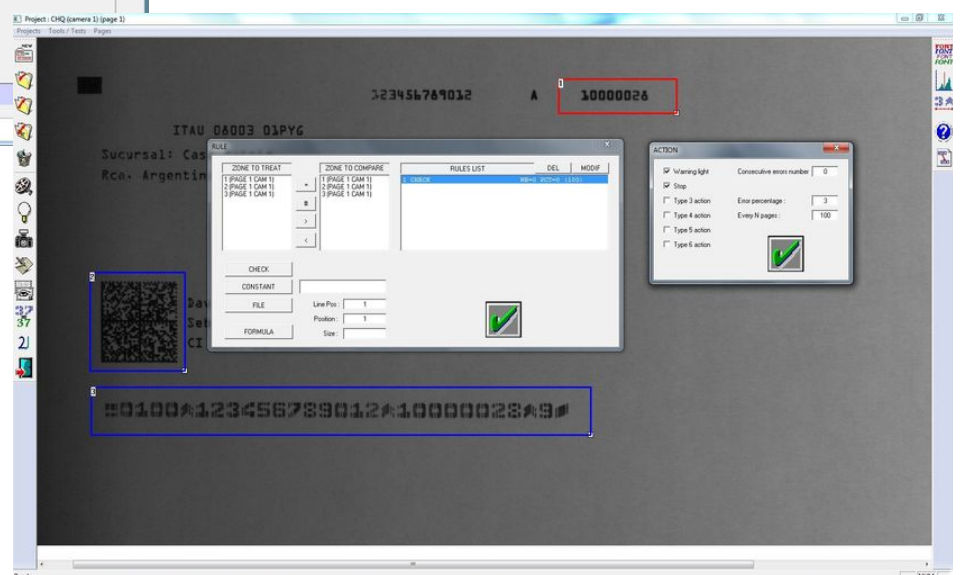


Software



Two applications

One to manage the cameras



One to design the jobs

Conclusion

- Base installed : 33 systems
 - Two systems installed in Paraguay this year
- Inhouse development
 - solution can be tailored to your needs
- User friendly, Flexible, Dynamic Controls, Competitive pricing
- Independent from HW
 - Could be integrated on other printers than Nipson