# *DocuVision® Edge* for Océ VarioPrint i-series presses
## FAQ's for Canon Sales Reps and End Users

1. ***What is DocuVision Edge i-series?***
   It is an in-line document inspection system built specifically for Canon's VarioPrint i-series presses. The DocuVision Edge imaging system features Canon color <u>contact image sensors</u> (CIS) which are mounting inside the Integrated Camera Mounting Unit (ICMU). The ICMU, engineered and supplied to CSA by Océ, fits seamlessly into the VarioPrint line. DocuVision Edge is available in both simplex and duplex versions, is powered by DocuVision software and captures a color, full-page image of each sheet as it passes from the printer to the stacker. The remaining electronics are housed in an enclosed box which sits behind the printer. A pole light displays system status and the operator monitor is typically placed atop the ICMU, but can also be pole-mounted.

2. ***What does it do?***
   Once DocuVision captures the images, the inspection template decodes critical areas, or regions of interest (ROI) of the document such as MICR lines, account numbers and totals. The results are logged to a local database from which simple reports are produced, confirming check amount totals, check start and finish number- indicating duplicate and/or missing checks.

3. ***What printer models can it be used on?***
   The system was designed for use with the Canon VP i-200 and i-300 series models. Using the printer's built-in CCI (printer) communication interface, DocuVision can communicate a stop signal to the printer upon error detection for a controlled shutdown.

4. ***What are the typical print applications that are targeted?***
   1. **Check Printing Integrity**: Main application targeted for I-Series with the MICR option:
      - Detect missing, duplicate or out of sequence checks
      - For live check printing or check booklet production
      - Validate presences and integrity of full MICR line
   2. **Forms integrity / Stock Verification:**
      - Validates correct preprinted shell was loaded for the correct print job
   3. **Document Tracking**: Track each page to ensure all pieces are accounted
   4. **Brand Integrity**: Confirm color of client logo by comparing it to a pre-stored "golden image"

5. ***What are the typical tools used to verify print integrity?***
   Yes, some, frequently used inspection tools that are included are: Barcode Reading (1D and 2D), Text Reading (OCR) and Data Field Matching.

6. *What value does it provide?*
   - Regulatory Compliance:
     - Provides proof of print, audit trail to assure printing accountability
   - Protects Personal Data
   - Protects Brand Color
   - Supports customer quality goals
   - Tests for operator errors (loading wrong preprinted form for example)

7. *Are reports included as a part of the system?*
   Yes. DocuVision Edge i-series comes with a data collection package which stores all inspection data into a database. It also includes simple reports summarizing job data, missing or duplicate checks and custom reporting.

8. *How are errors handled?*
   In the DocuVision, each inspection tool can be set up to monitor defects with a setting for predetermined acceptable limits. Once the limit is reached, a "Stop" signal can be sent to the printer. Depending on the printer's interface capabilities, this will either cause the printer to stop, or to complete all sheets in process, diverting them to a reject tray on the stacker. Parameters are set by customers.

   In addition to the stop signal, a visible alarm (pole) light indicates an error. An operator error message can display on the screen. Document errors may be configured to stop the printer or inform the operator.

9. *How is DocuVision Edge installed and serviced?*
   The Canon technician is responsible for installing the ICMU into the printer line. Videk then installs the vision system in the ICMU, along with the necessary electronics and components. The Canon tech will be trained on the DocuVision Edge system at the time of installation for basic maintenance and usage, in order to handle 1st level support. The customer operator will also be trained. For ongoing technical support, Videk works remotely with the local Canon Tech based upon the support plan purchased.

10. *How long does it take to install at the customer site?*
    Six to eight hours to install the camera hardware and up to eight hours to set up and test each application.

11. *How much is it?*
    End Please refer for Canon price book for a quote for:
    - DocuVision Edge (simplex or duplex)
    - Océ ICMU (Integrated Camera Module Unit)

12. *Are there any additional options?*
    Duplex scanning is an option for this product.

13. *What is the lead time for DocuVision Edge?*
    - DocuVision Edge has an 8-week lead time
    - Please refer to price guide for ICMU lead time

14. *How much space is required?*
    - DV Edge extends the printer foot print by 12 inches
    - It is designed to avoid interference while servicing other sections of the printer
    - The ICMU provides operator access to clear paper jams

*DocuVision Edge with CIS installed in Canon ICMU*