Solution #105

Surgical Equipment Manufacturer (Albuquerque)

On demand system printing instruction booklets for product shipments

The booklets produced at this digital production center are manufactured in one of three sizes, 6.25 x 4.25, 5.5 x 4.25 and 8.5 x 5.5. These booklets are made on demand on the digital printer and through the attached booklet maker. Barcodes are automatically added to the booklets indicating the production lot number. This lot number is linked back to the DocXpress system and can provide detailed manufacturing information on lot numbers for paper, toner and fuser raw materials. This information is gathered during production and job statusing via bar code tracking systems.

New production documents are added to the DocXpress system automatically. The new files are FTPd to the Albuquerque site, detected and processed automatically by a DocXpress AutoDetect module. During this processing the new files are verified using a proprietary check digit verification process. In fact this check digit process is used every time the document is printed, to ensure with 100% accuracy that the files have not

been altered in any way. The PDF files are thus imported into the system and a proof printer order is created.

Only after printing the proof and verifying the output is the part made manufacturing ready and available for production. Production at this site is triggered by an order for a document placed via a DocXpress web order entry module. The shop floor personnel order the documents via a web page, using Kanban techniques.

The order shows up immediately on the DocXpress open order page for the print shop operators to process, and release to a production printer.There is an option for the print production staff to select an optional booklet-maker, which is not "in-line" on the printer. Choosing this option causes the DocXpress AutoScheduler module to impose the individual pages into a different layout to support the external device, and output to the stacker not the "in-line" booklet maker.