



INDUSTRY DEVELOPMENTS

Industry suppliers use this series to publicise in their words new or improved products and services.

Integrity verification

An open system for easy integration to any media processing system

The current mail production environment has multiple pressure points that require greater accountability, integrity and verification of individual mail runs. These pressure points are all subject to different cost and revenue drivers, and may justify an integrity solution that is capable of being integrated with existing production equipment, and also capable of offering varying levels of integrity to suit an individual processing job.

The inTelmail Verification Divert Unit (VDU) is a stand-alone product designed for integration with any media processing system, such as an inserting system or plastic wrapping system. It is designed as a roll on-roll off solution, and provides an end-of-process verification point for job monitoring, reporting and reconciliation.

The principle of operation for the inTelmail VDU is to read and verify each article passing through the VDU. If an error is encountered, the media piece is diverted into the integrated divert hopper. Each article can then be accounted for to provide complete job reconciliation.

The VDU can divert, or record an error against, any article in the following circumstances.

- * Error read - the reader is unable to decode the reading logic printed
- * Duplicate - reading an identical record when software configured not to accept duplicates
- * Sensor timing error - the article is either too early or too late travelling in the system
- * Jam detection - if the article gets jammed in the unit
- * Intentional divert - divert a particular article, when software configured to divert unique identifying characteristic

The VDU provides an excellent upgrade solution to provide integrity management to existing systems.

The Intelmail VDU operates with an integrated computer and dedicated application software. A reader is mounted along the path of each media piece to scan and transfer data to the computer.

With a wide variety of reading technologies available, the VDU can work with barcode scanners or OCR camera technologies. The computer acts on the data received and based on the mode of operation gives the signal to divert or pass each article.

Every mail production environment is subject to multiple pressure points that demand greater accountability, integrity and verification of individual mail runs.

The level of integrity, and the production method required to achieve it, can and will vary for any given customer. Individual jobs for the same customer may also attract different integrity levels.

The most cost effective solution will involve an open integrity verification system that can be integrated with any media processing system.

The VDU is capable of providing the following information during job processing:

- * Total count statistics
- * Total run time, including down time with reasons
- * Verification of articles read
- * Identification of missing articles
- * Identification of duplicate articles
- * Identification of misread articles
- * Identification of paper jams within the VDU
- * Removal of forced diverts from the stream
- * Ability to update complete file when document reprints have been completed

The operating software is windows based, allowing easy management of data files and software operation.

The VDU has full network capability for data transfer, or disk storage media can be utilized for data transfer to a single VDU.

The following features are available as part of an integrity management solution through an inTelmail VDU:

Total Flexibility - Ready for direct In-Line operation. Suitable for any intelligent or non intelligent inserting or wrapping systems.

Models Available

Model RSU - Read & Store Input or Output document number sequence.

Model RSUD - Read & Store & Divert Input or Output document number sequence.

Model VSU - Read, Verify & Store Input or Output document number sequence.

Model VDU - Read, Verify & Divert, for full verification of Output document sets.

Selection of Reading

Reading of Barcoded Sequence Number on filled envelope

OCR Scanning of Sequence Number on filled envelope

Special scanning - 4State Barcode, Sequence Number in Customer Field etc

ILcom System - Unique inTelmail ILcom Operating System for trouble free Data Transferring over Local Area Network (LAN).

Network Ready - The VDU is fully network ready for optional connection to a local area network.

Network Independent - VSU and VDU units can continue to function regardless of network connection.

Simple Operation - Mail Processing File is a simple inTelmail Matching File convention

Simple File Transfer - Click and Drag to selected VSU or VDU unit.

Optional Backup - Server backup is optional Server or UPS Protection.

Optional Features - Job Distribution, Job Hold/Move Local or Global

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