

➤ Outbound/Inbound Scanning (OIS)

The Performance Measurement Outbound/Inbound Scanning (OIS) System coordinates mounted holographic scanners and a powerful server to provide superior data collection and tracking.

Current data collection methods employed by the USPS for performance measurement involve operators carrying portable equipment and scanning each mailpiece by hand. By utilizing a scanner mounted over the conveyor, the OIS system provides an organized, time-saving method for gathering information from bar-coded mailpiece labels that minimizes operator effort.

Operators simply scan a placard that identifies the assigned airline carrier and arrival time, and then places mailpieces on the conveyor with the labels facing up. The mailpieces pass under the mounted scanner, and data is collected from the Dispatch and Routing (D&R) labels.

Analysis of the data provides a measurement of airline performance by comparing the assigned arrival time with the actual arrival time. A configurable Buffer Time that allows for adjustments to arrival times achieves further accuracy. Configurable functions are securely password protected.

Collected data is immediately sent from the Trakker Antares terminal to the OIS Server, where it is stored in a database. The data is then transmitted to the St. Louis Postal Data Center for analysis.

The OIS System uses the latest holographic scanning technology to save time and energy, while dramatically increasing throughput. Configurable system features allow fast, accurate data collection for performance measurement.

- Accurate performance measurement and tracking
- High speed data capture
- Organized information storage
- Secure, password-protected access
- Efficient TCP/IP communication

OIS Characteristics

- Hands free operation
- Long range scanning
- Easy-to-use Graphical User Interface
- Transaction Display
- Data backup and recovery

Reliable, Robust Components

- Metrologic Holotrack Scanner
- Intermec Trakker Antares Terminal
- Windows-based PC Server
- Microsoft Access Database

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