



Case Review: HaulPass

TSL Product: Contact Smart Card Reader for Motorola MC70

Malcolm Pirnie utilize TSL Smartcard Reader in HaulPass Disaster Recovery System

Client

- + ROSTAN Solutions LLC (a Malcolm Pirnie Company)
- + Tampa, FL
- + Environmental Engineering

Context

For audit compliance, disposal sites are equipped to print debris load tickets for drivers, contractors and applicants. In the event of a disaster, recovery and disposal becomes an expensive, time consuming task.

Challenge

Load tickets are slow to produce, prone to counterfeiting, errors and legibility issues. An automated data capture method is required to help resolve these shortfalls and decrease overall system implementation costs.

Response/Feedback

“Applicants, haulers (prime or subcontractor), and other agencies can take advantage of stored data. By working from a common set of data, the time to create and manage individual stores of information (ticket data entry) is eliminated. In addition, all parties have access to the same information, thereby expediting invoicing and payment processing”.

“Our proprietary HaulPass system provides applicants with better data and financial management options”

*Darius Stankunas
ROSTAN Solutions LLC*

Outline/Summary of solution

- + TSL's terminal powered Smartcard Reader configures Motorola MC70 for smartcard data gathering
- + Malcolm Pirnie's HaulPass system utilizes GPS enabled personal digital assistants (PDAs) to manage the debris process from collection to disposal
- + HaulPass system eliminates traditional paper load tickets and related data entry costs, in addition to simplifying event monitoring and accounting

Solution

Malcolm Pirnie, in partnership with TSL deployed the Motorola MC70 Smart Card Reader Snap On to implement automated data capture within the HaulPass system, thus eliminating the traditional paper based load tickets.



Result

The new Automated data capture provides many benefits, including:

- ✓ Quicker than preparing a paper ticket
- ✓ Eliminates errors and legibility issues associated with paper ticketing
- ✓ Reduces fraud potential
- ✓ Coordinates/monitors debris eligibility

This paperless approach stream lines record keeping and accounting operations with information available through a secure internet platform.

+ About TSL

TSL designs and manufactures both standard and custom embedded, snap on and standalone peripherals for handheld computer terminals. Embedded technologies include:

- GPS
- RFID – Low Frequency, High Frequency and UHF
- GPRS/GSM
- IrDA
- Contact Smartcard
- Fingerprint Biometrics
- 1D and 2D Barcode Scanning
- Bluetooth
- 802.11 WiFi
- Magnetic Card Readers
- OCR – B and ePassport

Utilizing class leading Industrial design, TSL develops products from concept through to high volume manufacture for Blue Chip companies around the world. Using the above technologies TSL develops innovative products in a timely and cost effective manner for a broad range of handheld devices.

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