

MDT In-Transit: TECHNOLOGY OVERVIEW

Abanco's MDT device is a multi-function PDA terminal designed to be a secure industrial, high performance, Internet-enabled terminal that is based on a widely accepted operating system.

With its 3.5" 260,000 color TFT Color LCD, the MDT terminal supports on-screen advertising, interactive electronic coupons, electronic receipt capture, user e-commerce functions and cash management reporting, as well as secure credit and debit payment functions.

The MDT terminal is specifically geared to a business that needs to take the payment terminal to the customer. The MDT terminal comes with a thermal printer, wireless modem and barcode scanner, rechargeable battery pack. The MDT terminal incorporates an embedded operating system with built-in HTML/HTTP web browser. It also offers communication options such as CDMA, GSM/GPRS, Wireless LAN for fast financial transactions.

Versatile Communication Features

MDT In-Transit is a unique all-in-one type mobile handheld device becomes even more powerful with WLAN(CDMA 1x, EVDO, eGPRS) and PAN(802.11b/g WLAN, Bluetooth) features. With a combination of CDMA/GSM and WLAN, you can experience versatility in dynamic mobile environment while saving phone bills.

Multi-tasking : Mobile Handheld with Multifunction

With IC card reader, MSR(Magnetic Stripe Reader), barcode scanner and WLAN/PAN communication, its field application multiplies under various work environment. Bi-directional magnetic card reader and contact IC card reader offer more payment options. Barcode options with 1D Laser and 2D(PDF417) Linear CMOS are also available.

Expandability: Various Peripheral Device

The device can be widely expanded with USB Host & Client, Bluetooth, IrDA, and SD Slot (SDIO). Thanks to wide range of interfaces, customers can maximize the effectiveness with peripheral device such as finger printer or signature.

Security : Secure Payment

IC Contact Card reader offers more secure payment method with EMV certification from EuroPay, MasterCard, Visa.

In-Transit General Specifications

- CPU: Intel PXA270 520MHz CPU
- OS: Windows Mobile 5.0
- DISPLAY: 240x320 3.5" 260,000 color TFT LCD
- MEMORY: RAM : 128MB ROM : 128MB
- RADIO: CDMA(1x or EVDO) & WLAN(802.11b/g) GSM/eGPRS(quadband) & WLAN(802.11b/g)
- INPUT: Touch Screen, Numeric Key, Function Key
- ANTENNA: Internal Antenna (CDMA, GSM, WLAN, Bluetooth)
- INTERFACE: USB Host/Client, IrDA 1.2, Bluetooth Class 2 3SAMS, 1SIM, SD Card Slot
- CARD READER: MSR: ISO 7810 Tracks 1, 2, 3, Bi-directions IC Card Reader ISO 7816, EMV Certified
- PRINTER: 2inch Thermal Printer
- BARCODE ENGINE: 1D Laser or 1D & 2D(only PDF417) Linear imager
- CAMERA: 2.0M Pixels
- BATTERY: 7.4V 2,000mAh Li-ion X 2
- ACCESSORIES: Cradle, Adapter, USB Cable, Stylus-pen, Battery



THE ABANCO MOBILE DATA TECHNOLOGY FAMILY



Abanco In-Flight



Abanco In-Transit



Abanco On-Course



Abanco Live-Event*



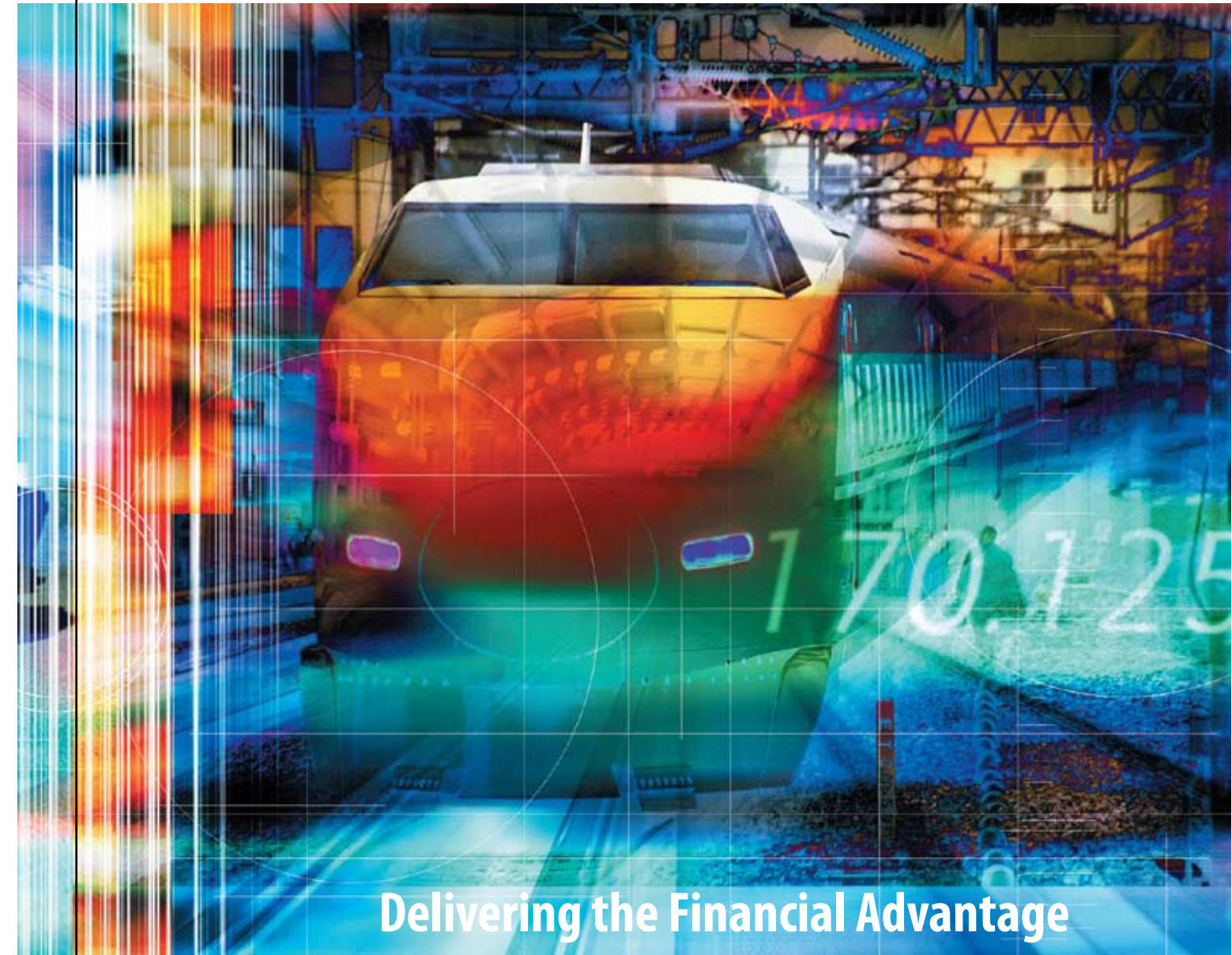
Abanco On-Board*

Abanco's Mobile Data Technology available with:

- Custom Development
- Enhanced Fraud Prevention
- Proprietary Inventory & Revenue Management
- Custom Real-Time Web-Based Reporting
- Total Payment Options – Visa, MasterCard, American Express, Discover, JCB, and Cash

*Coming Soon

Abanco MDT In-Transit Mobile Data Technology



Delivering the Financial Advantage

Increase income through the ease of new service deployment

Generate revenue by driving repeat business and customer loyalty

Ease administration with customer-managed accounts, improved data accuracy, and the reduction of manual processes

Capture and keep revenue by ensuring legitimate tickets with a full spectrum of payment and risk management options

Contact Abanco's Mobile Data Technology Group Today to Discuss the Possibilities and Profits that MDT In-Transit will bring to your Railroad

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ABANCO
Mobile Data Technology

Abanco MDT In-Transit

Simple, yet comprehensive application that can help your railway reduce service operation costs and increase revenues by using an intuitive mobile device.

ABANCO
Mobile Data Technology



- » PASSENGER MANIFESTING
- » INVENTORY ALLOCATION
- » REVENUE OPTIMIZATION
- » RISK MANAGEMENT
- » FORECASTING

COMPREHENSIVE & POWERFUL

Enhance Revenues and Profits

Every organization is faced with the continuing challenge of revenue optimization and fraud reduction. Achieve the competitive advantage by offering new payment and risk management add-on services while offering better customer service using wireless technology.

Eliminate the Cost and Complexity of Personnel Tasks

Abanco's MDT hand-held solution for electronic payments helps personnel provide an enhanced level of customer service and to work faster and more efficiently.

An Industry Rugged Mobile Computing Solution

Abanco's MDT operates on a hand-held device, with built-in software and custom integration components that utilize bar coding scanning and magnetic strip technologies to simplify the business process.

Modular, Flexible, and Reliable Solution for Optimizing Efficiency

Constructed using the most current technology, Abanco's MDT solution combines the power of a robust and dynamic device with wireless connectivity and Abanco's secure payment gateway.

THE FLEXIBLE, MODULAR DESIGN OF MDT ENABLES IT TO BE ADAPTABLE TO MEET THE SPECIFIC NEEDS AND REQUIREMENTS OF THE OPERATOR.

- Easy integration with existing support systems
- Supplies advanced performance management feedback
- Features internal design using the latest software architecture and technology
- Provides intuitive navigation and access to all key data through its flexible and configurable user interface
- Allows for comprehensive analysis using query and analysis tools

Abanco's Mobile Data Technology makes it possible for a railway to be highly efficient and profitable with on-board services.



THE BENEFITS:

- Ticket fraud protection
- Passenger validation and tracking
- Local or remote passenger manifesting
- Elimination of data transcription errors
- Rapid and secure on-board payment transactions
- En-route, remote and web-based ticket issuance
- Accelerated data storage and analysis
- Inventory and revenue reconciliation
- Higher levels of passenger satisfaction
- Reduced back-office administration
- En-route special event ticket sales
- Faster and more efficient service and accuracy

THE FEATURES:

- Accepts credit cards and signature debit cards
- Supports entertainment/ticket vouchering
- Issues printed receipts
- Ridership reporting
- Cashless kiosk solution
- Pre-purchase tickets
- Customizable management tools for analytic and statistical reporting
- Real-time web-based reporting



- » MANAGE PRICE AND PRODUCT AVAILABILITY
 - » STREAMLINE BUSINESS ACTIVITIES
 - » ENHANCE SERVICE LEVELS
- » CONTROL THE LOSS OF VALUABLE REVENUE
- » FORECAST DEMAND FOR MARKET SEGMENTS
 - » OPTIMIZE AND DRIVE WORKFLOW
 - » ALLOCATE INVENTORY
- » MONITOR PERFORMANCE AND MEASURE SUCCESS
- » HANDLE ELECTRONIC PAYMENTS WHILE IN TRANSIT

MDT In-Transit: BASIC PROCESS FLOW

