

MDT In-Flight: 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-Flight 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-Flight 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*

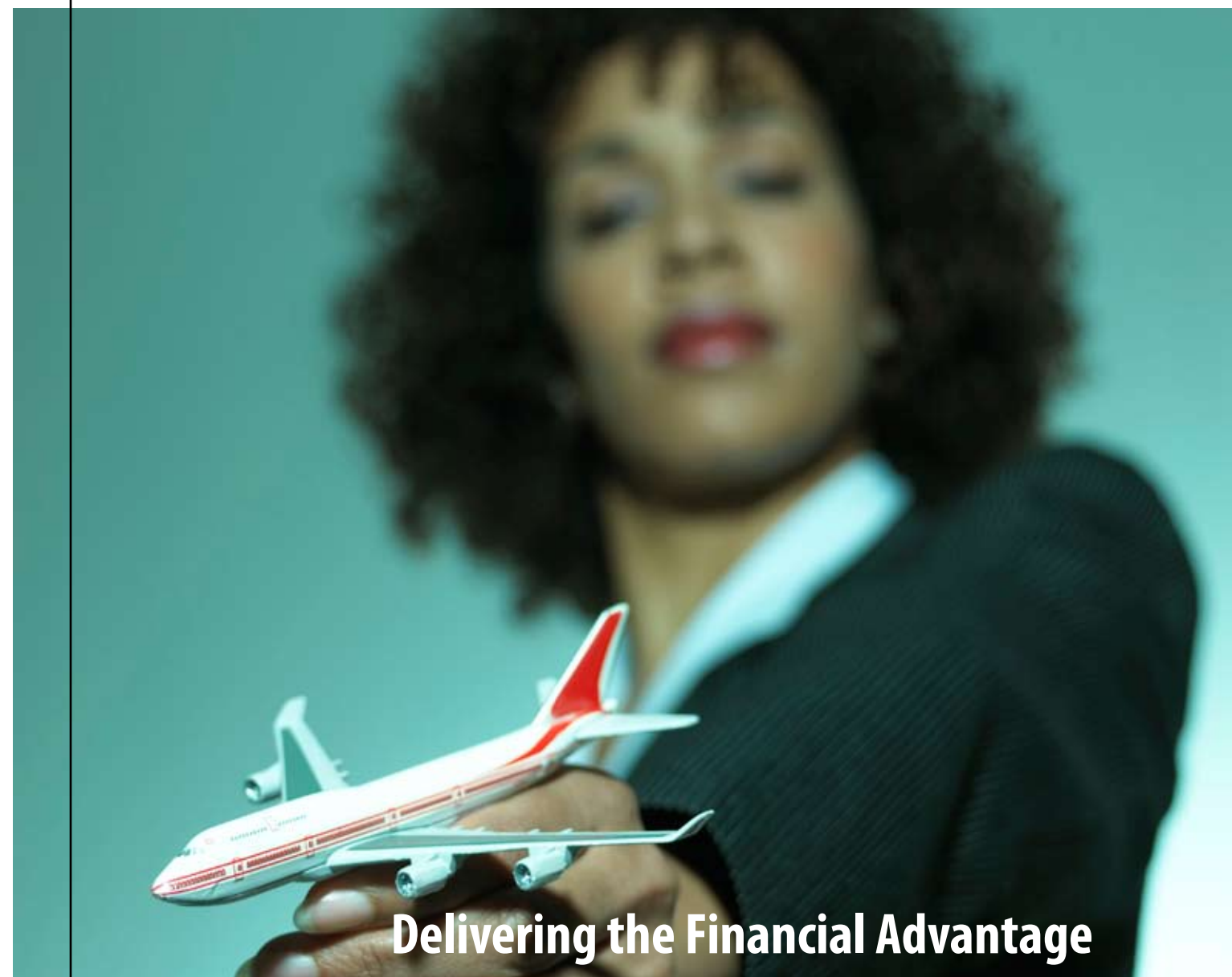
Abanco's Mobile Data Technology available with:

- 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-Flight

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

Reduce operation costs by enhancing service levels through simplified tasks

Ease back-office administration by improving data accuracy and reducing manual processes

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

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ABANCO
Mobile Data Technology

Abanco MDT In-Flight

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


ABANCO
Mobile Data Technology



- » INVENTORY CONTROL
- » REVENUE GENERATION
- » DATA CAPTURE
- » FRAUD PREVENTION

Capture and Keep More Revenue

Every organization is faced with the constant challenge to increase and control productivity while reaching out to profit. Achieve the competitive advantage by offering new services, payment options beyond “cash only”, and better customer service using wireless technology.

Eliminate the Cost and Complexity of Cabin Personnel Tasks

Abanco’s MDT hand-held solution for electronic payments helps in-flight personnel provide an enhanced level of customer service to work faster and more efficiently. Passengers no longer need worry about having sufficient cash or carrying food items on board for consumption, and flight attendants no longer need to worry about “making change”.

Customer Loyalty: The Added Bonus

Enabling the use of credit cards while in flight helps to increase customer loyalty through frequent flyer mileage program tie-ins to many credit cards, as well as vouchers redeemed from partnerships with destination attractions.

An Industry Rugged Mobile Computing Solution

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

Effective, Flexible and Proven Solution

Constructed using 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 Abanco MDT In-Flight application has been successfully deployed by several airlines, and Abanco’s training center has prepared over 10,000 flight attendants to utilize the solution.

Designed to address the core functions of data management and the spectrum of retailing activities, the MDT application can be adapted to meet the unique and specific requirements of any organization.

Abanco’s Mobile Data Technology makes it possible for an airline to be highly efficient and profitable with on-board services.



THE BENEFITS:

- Revenue generation from new and important sources
- Shrinkage and loss prevention indicators
- Elimination of data transcription errors
- Rapid and secure payment transactions
- Accelerated data storage and analysis
- Better inventory management
- Higher levels of passenger satisfaction
- Reduced back-office administration
- Increased customer loyalty
- Faster and more efficient service and accuracy

THE FEATURES:

- Accepts credit cards and signature debit cards
- Supports coupons, customer mileage rewards, the running of tabs, employee/crew discounts, and smart card technology
- Issues printed receipts
- Recognizes in-flight entertainment services
- Cashless kiosk solution
- Pre-order capabilities
- Customizable management tools for analytic and statistical reporting
- Easy and efficient data uploads



- » EXPLOIT ALL ON-BOARD REVENUE OPPORTUNITIES
 - » STREAMLINE BUSINESS ACTIVITIES
 - » ENHANCE SERVICE LEVELS
 - » CONTROL THE LOSS OF VALUABLE REVENUE
 - » SIMPLIFY DATA COLLECTION
 - » OPTIMIZE AND DRIVE WORKFLOW
 - » IMPROVE INVENTORY MANAGEMENT
 - » HANDLE ELECTRONIC PAYMENTS WHILE IN FLIGHT

MDT In-Flight: BASIC PROCESS FLOW

