



The Abaco Bridge

**Industrial Mobile
Computing Solutions**

Abaco

Delivering the Wireless Enterprise

The Abaco Bridge

Data Integrity

Ensuring data integrity is the key to maximizing the return on your ERP investment. Abaco provides complete solutions to enhance your ERP system, streamline processes and empower you with the most accurate real-time data needed to make your critical business decisions. With more than ten years of experience and installations worldwide, Abaco helps Fortune 500 companies in all vertical markets increase their productivity and profitability by optimizing their logistics management.

The accuracy of the data that flows throughout your enterprise affects mission critical business decisions made every day. A single mistake on the data input end is compounded as it is processed through each level of your ERP system, resulting in numerous mistakes at every level. However, with the proliferation of wireless automated data collection devices, you can eliminate manual data entry errors, thereby improving the integrity of your data. The real-time nature of these systems allows for instant validation of every data component, providing you with the most current and accurate information available for basing your business decisions.

Abaco delivers the value of automated data collection technology to complement your ERP system with the Abaco Bridge. A technology platform that facilitates data communication between your mobile workforce and ERP system, the Abaco Bridge provides the vehicle for disseminating mission critical information throughout your enterprise in real-time.

The Abaco Bridge utilizes open standards to communicate with wireless and/or wired devices through your company's existing LAN and WAN infrastructure. Because it is both hardware and software independent, the Abaco Bridge provides a flexible and scalable migration path for integrating automated data collection seamlessly into your existing infrastructure and data collection processes.

As an NT based technology platform, the Abaco Bridge provides the capability for interfacing a variety of automated data collection devices, RF and wireless terminals, shop floor automation components...any device that captures data and needs to have that data transmitted to a host application.

The Abaco Bridge utilizes open standards based components that allow it

to handle applications such as warehouse management, labor reporting, time and attendance, shop floor control, plant maintenance, service management, as well as more robust wireless applications. Scalability and an open migration path make it an ideal choice for implementing systems today and lays the foundation for moving to or upgrading your company's ERP system.

The Abaco Bridge Structure

The process of supporting transactions in the Bridge is composed of two major steps. The first step requires the configuration of the ERP package's native data transfer mechanisms. This involves providing access to the metadata of the host applications to be supported.

The second step requires the User Interface Editor Module, a user-friendly GUI development tool within the Abaco Bridge, to generate the code residing in the ADC device for the intended function. Since each end user scenario differs by customer need, this module allows Abaco and/or the customer to support customer-specific functionality that can fulfill a variety of scenarios.

Because it is both hardware and software independent, the Abaco Bridge provides a flexible and scalable migration path for integrating automated data collection seamlessly into your existing infrastructure and data collection processes.



System Overview

The Abaco Bridge technology platform is comprised of four main modules:

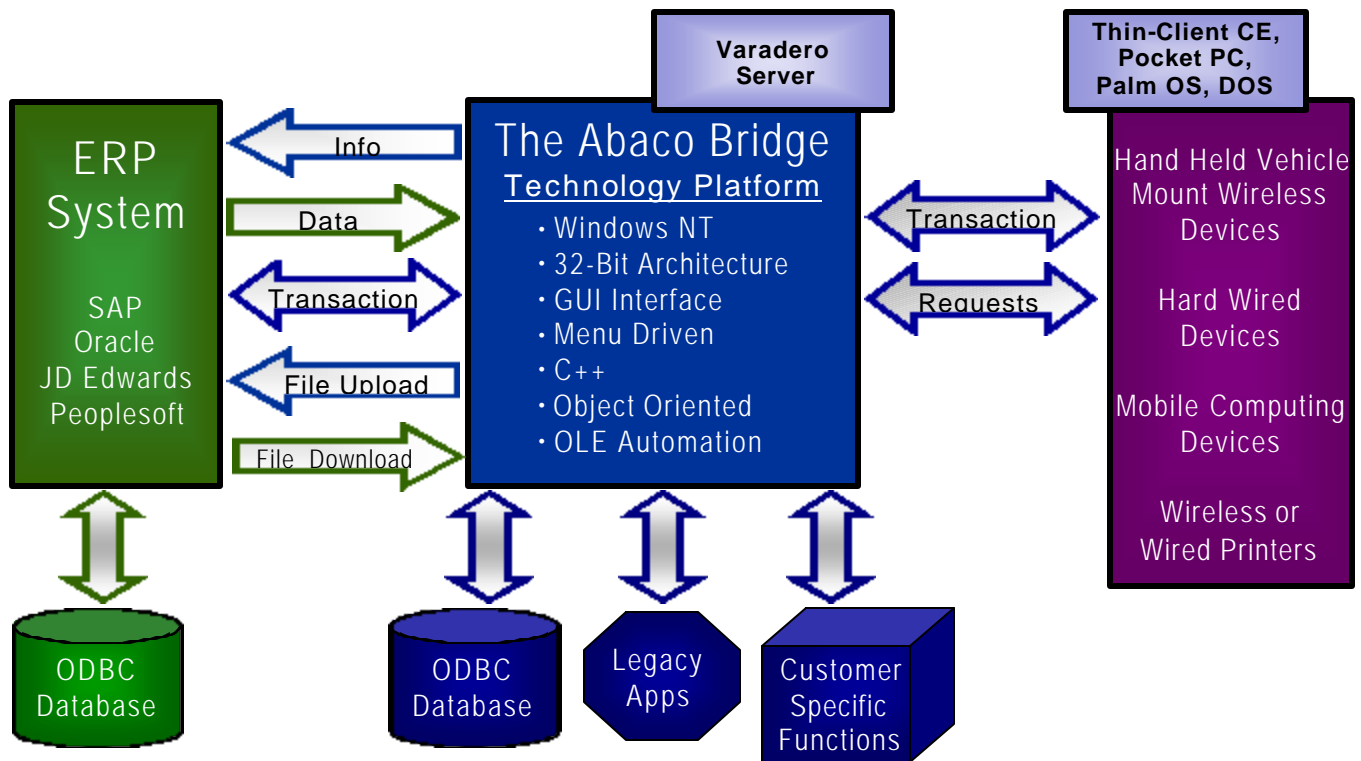
The User Interface (UI) Editor

The UI Editor is a graphical design tool that allows complete customization of customer workflow—quickly and easily generating C, C++ or Java

code for automated data collection mobile computing devices.

The Host Interface

This module connects the system to the data collection devices using the ERP package's native data transfer mechanisms.



Even if your host application is not available, the store and forward capability of the Abaco Bridge ensures that you lose no data and allows your workforce to continue.

The System Scheduler

This allows unattended maintenance for tasks such as downloading files, clearing database records or sending messages to any Windows-based applications.

The Dispatcher Module

The Dispatcher Module is the main module of the Abaco Bridge technology platform. It is responsible for all communications among portable devices, printers and the host system. It retains transactions when the host is not available, uploads data in sequence and reports errors, while providing non-stop enterprise data collection.

Additional Functionality: Abaco's Varadero Wireless Framework

Abaco provides additional functionality to the Bridge with Abaco's Varadero Wireless Framework. This wireless application development framework and ultra-thin client server package empowers you to create, deploy and maintain robust automated data collection applications for mobile devices through standard development tools and languages.

Varadero provides an architecture that requires less than 100k on the client and allows for full graphical access to server-based applications.

This creates great efficiency in application development, deployment and maintenance, as only one development environment is required to deploy the applications across different device platforms. This allows you to mix and match devices and applications to best suit your needs.

Abaco's Varadero Wireless Framework supports signature and image capture, audio messaging, magnetic stripe readers, portables and a host of other features to aid in the creation of robust enterprise applications.

**Vertical Markets Using The Abaco Bridge:
Process, Consumer Products, High Tech/Discrete,
Automotive, Aerospace & Defense, Telecommunications,
Utilities, Retail, Healthcare and more . . .**

Abaco's Commitment To You

An Abaco complete solution includes mobile computing hardware as well as integration services. To provide you with greater choice of hardware, the Abaco Bridge has been tested and certified with a wide range of data collection and mobile computing devices. As a premium value-added reseller representing the world's leading manufacturers, Abaco can offer a wide variety of hardware choices.

Abaco consultants use a proven nine-step methodology to ensure a smooth transition as they move from pre-implementation planning to "go-live." Abaco's commitment to customer satisfaction continues with user training as well as ongoing support and maintenance.

About Abaco

Abaco PR, Inc. is the global leader in delivering the wireless enterprise. Founded in 1993, the company is headquartered in Atlanta, with offices in Puerto Rico, The Netherlands, the United Kingdom, Germany and Australia. Abaco provides complete solutions through wireless systems consulting and software design for the enterprise environment for Fortune 500 companies worldwide.

Working in cooperation with leading software developers such as Microsoft, Oracle and SAP, Abaco develops advanced business solutions to enhance companies' productivity and profitability through automated data collection. By facilitating the collection and dissemination of mission-critical information in real-time,

Abaco helps the world's largest companies optimize their logistics management.

As a leader in the emerging wireless technology industry, Abaco provides enterprise software solutions for the new generation of handheld mobile computing devices, enabling users to do business anytime, anywhere. Abaco focuses on innovations for the future through heavy research and development. Abaco's products include the Abaco Bridge, the Abaco Bridge for R/3 and Abaco's Varadero Wireless Framework.

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