

VisiBar

VisiBar is a workflow and data collection system. VisiBar creates business-specific solutions by incorporating barcode data collection, real-time data access, serial-device control, all with an easy to learn programming interface.

VisiBar incorporates a high-level programming tool and a real-time server engine to automate and optimize work flow throughout an enterprise. VisiBar is comprised of three components – Designer, Server and Client. The VisiBar Designer is used to create scripts that incorporate business logic, data access for shop floor data collection and other types of solutions. The VisiBar Server runs these scripts. The VisiBar Client can be installed and run on an array of devices one of which is sure to suite your corporate needs. VisiBar scripts can evolve with your business. As your business grows and evolves your VisiBar scripts can be modified to grow and change with your business. The core application has built-in configurable methods to connect to supported client hardware, printers, and data sources.

Overview

Barcode System

VisiBar communicates real time with most major barcode data collection hardware in real-time.

Data Collection System

VisiBar can interact with shop floor personnel using the words and language they are familiar with. VisiBar allows you to communicate with your end users to get the data needed at the time and place that the transaction occurs. Keyed and/or scanned input can be validated against a business rule or stored data to ensure only accurate data is fed into your business systems.

Workflow System

Using VisiBar, solutions can be created to optimize your business workflow

1. Eliminate data entry for redundant transactions.
2. Simplify transactions that require input.
3. Automate transactions as much as possible.

System Integration Tool

VisiBar can interact with serial data collection mechanisms including scales, counters, and part carousels. Transactions that affect multiple database and/or other systems can be processed from one terminal at one time.

User Benefits

- Able to work with any data source within your enterprise that can be made available to the VisiBar Server.
- Provides real-time validation of user collected data to ensure transactions are accurate.
- Provides a means of tracking transactions to an employee. This provides an audit trail that may be necessary for your business system
- Supports commonly used Wi-Fi as well as hard wired data collection devices to ensure vendor and device independence.
- Included support for virtual terminal interfaces using Windows clients and internet browser clients with or without barcode reader wedge devices.
- Allows serial-based devices to be incorporated into the workflow to collect data as well as control device interaction.

- Provides a Windows environment to develop scripts that access all defined data sources and client devices.
- Allows barcode label definitions to be called from VisiBar scripts so they are printed as part of each transaction that requires it.
- Validate user input based on how you want to collect the data.
- Calculate and modify input based on your business rules.
- Simultaneously “feed” multiple, unrelated systems with a single transaction.
- Ensure timely and accurate data for all transactions to database management systems throughout the enterprise.
- Prompt users in multiple languages so that each user interacts with the specific language.
- Employ local terms that are familiar to your users as part of the user interface.

Potential Solutions

Warehouse Management

- Track Inventory
- Automate Physical Inventory, Cycle Counts, and Inventory Consolidation.
- Facilitate Delivery of Materials for Production.
- Manage the receiving and put-away process
- Integrate with your Business System

Manufacturing Execution System

- Perform Labor Tracking
- Control Production Tracing
- Support Defect Tracking
- Support Parametric Data Collection
- Facilitate Order-less Manufacturing
- Support Lot tracing Requirements
- Support Serialization from point of conception

Advanced Shipping & Labeling

- Manage and Direct the Pick and Pack process for order fulfillment
- Provide Control and Traceability
- Create Product, Order and Shipping labels
- Manage the Shipping Process
- Allow shipping by Pallet ID or license plate
- Interface directly with your manifest system

Time and Attendance

- Validate badge scan to employee data
- Generate transaction files to post clock punches.
- Dependant on Time and Attendance software.

Labor Tracking

- Track employee labor to job completions
- Report Labor to database management systems.

Lean

- Automate KanBan replenishment by instantly creating purchase orders when quantity hits or falls below reorder point.