

EdgeMagic® CL

RFID Closed Loop Application System

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EdgeMagic

Overview

RFID (Radio Frequency Identification) is the exciting new technology that you have been waiting for to solve business problems like tracking assets or WIP (Work In Process). But, if you're like most business professionals, you don't know where to start, and whom to turn to for expert advice. That's where CYBRA can help. EdgeMagic® CL, our breakthrough RFID Closed Loop Application System, lets you choose the modules you need to quickly and easily deploy powerful applications that harness the speed and accuracy of RFID, bar code, and other Automatic Identification technologies.



PICK ANY PLATFORM

EdgeMagic CL runs on major computing platforms like Microsoft Windows, Linux, IBM System i/OS and AIX. So, no matter what modern operating system your business relies on, you can rely on EdgeMagic CL to fit in with your computing architecture. And, because EdgeMagic CL is a scalable application, you can start small and grow. It's like RFID on demand.

SAVE TIME AND MONEY TODAY AND TOMORROW

Looking to boost ROI with closed loop systems? Track assets, inventory, pallets, personnel and work-in-process jobs with EdgeMagic CL. You'll find dozens of uses for RFID when you see how quickly and easily you can deploy industrial-strength closed loop applications with EdgeMagic CL. And, with support for 1D and 2D bar code scanners, you can start using EdgeMagic CL today – and be ready for the future tomorrow.



RFID AND BEYOND

EdgeMagic CL includes Passive UHF RFID Tag encoding and tracking. Need HF (High Frequency) or Active RFID? Prefer bar code? Looking to integrate mag stripe or RFID Plastic Cards for access control? EdgeMagic CL lets you choose the Auto-ID technology that best fits your business requirements. Making it all work together? That's the job of EdgeMagic CL.

EdgeMagic CL Benefits

- > Quickly deploy advanced, industrial strength RFID and bar code solutions without costly custom programming.
- > EdgeMagic CL installs in days, not months, so you'll be up and running in no time. That's why EdgeMagic customers see rapid ROI (Return On Investment) on their RFID and other Auto-ID investments.
- > EdgeMagic encodes and reads RFID tags and bar code labels and updates system database files in real time for accurate information and decision making.
- > EdgeMagic CL Module wizards walk you through the process of defining readers, locations, read-based actions, rules, alerts, and database updates.
- > EdgeMagic CL is a web-based platform independent solution that runs on all popular servers.

- > EdgeMagic CL controls fixed and handheld RFID Readers/Writers, bar code scanners, light stacks, photoelectric eyes and sensors, diverters, magnetic lock mechanisms and other edge devices.

EdgeMagic CL Use Cases

- > Track WIP (work-in-process) manufacturing steps, products, tools, equipment, drums, totes and reusable containers.
- > Locate hospital patients, equipment, and lab specimens.
- > Control inventory.
- > Reduce retail shrinkage.
- > Locate Fork Lifts and other vehicles.
- > Track IT Assets.
- > Tag and track theme park visitors.
- > Increase customer recognition and service with casino player cards and retailer loyalty cards.

- > Track large numbers of personnel moving rapidly through multiple exits during evacuations.

EdgeMagic Basic Features

- EdgeMagic Basic includes the functions you need to assign, commission, print, and validate RFID smart labels:
- > Award-winning MarkMagic print engine supports all major bar code printers, RFID smart label printers and thermal printer applicators.
 - > Support for Fixed and Mobile Bar Code and RFID Readers.
 - > Verification and Validation – EdgeMagic verifies bar codes and validates RFID tags and data.
 - > Optimized filtering and smoothing of RFID data.
 - > Basic Reports and Queries.
 - > Multiple database support.
 - > Integrated Role-based and User-based security.
 - > Multiple company support.

➔ Inventory Management Module features



- > One Application Software interface.
- > Track Inventory from Receiving to Shipping.
- > Real time updating of inventory data.
- > User defined multilevel product hierarchies.
- > Real time inventory "snapshot" capability.
- > Product Graphics.
- > Low stock and Reorder alerts.
- > Drill down capability to see lifecycle of product, total value of product on hand, etc.
- > Advanced Inventory Reports and Queries.
- > Support for data import and export.
- > IO Device Configuration and Support: light stacks, alarms, message boards, sensors, diverters.

➔ Personnel Tracking Module features



- > One Application Software interface.
- > Identify and Track Personnel entering and leaving a facility and at various check points within facility.
- > Real time personnel location visibility.
- > Real time update of personnel database.
- > Personnel "snapshot" capability.
- > Documents and images linked to personnel database.
- > Conditional rules, flags and alerts (i.e., non authorized personnel entering a secured area of the facility.)
- > Drill down features to total headcount of personnel in facility at any given moment, off hours access, unaccompanied access, etc.
- > Advanced Personnel Tracking Reports and Queries.
- > Support for data import and export.
- > IO Device Configuration and Support: light stacks, alarms, message boards, sensors, door strikes.

➔ Work In Process Module features

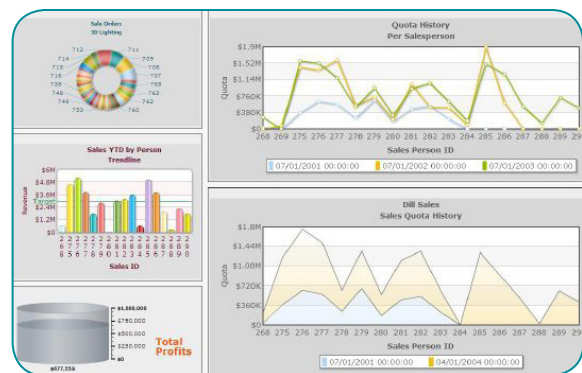


- > One Application Software interface.
- > Work In Process tracking throughout manufacturing or production facility.
- > User defined multilevel product hierarchies.
- > User defined locations and stages.
- > Order level commissioning.
- > Application level Production Order validation.
- > Advanced WIP Reports and Queries.
- > IO Device Configuration and Support: light stacks, alarms, message boards, sensors, diverters.

➔ Asset Tracking Module features

- > One Application Software interface.
- > Identify and Track Assets entering and leaving a facility and at various check points within facility.
- > User defined Asset database.
- > Asset Tag commissioning.
- > Advanced Asset Tracking Reports and Queries.
- > IO Device Configuration and Support: light stacks, alarms, message boards, sensors, door locks.

* EdgeMagic CL Options



- > Optional EdgeMagic Dashboards make it easy to visualize RFID tag data in context with your order, production, and sales data. You can analyze performance, spot trends, and act on the improved business intelligence.
- > Optional EdgeMagic Google Maps integration lets you see your RFID data (combined with order or sales data) as points on Google Maps and Google Earth.



We identify with success.

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