

# ERROR PROOF®

MANUFACTURING EXECUTION SYSTEMS

IDENTIFY TRACK MANAGE

- 
- **EP Foundation**
  - **Relational Database**
  - **Configuration Toolset**
  - **Design Toolset**

## **EP Base Administrator**



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# Error Proof 7.0 Overview

**Error Proof® 7.0** from Freedom Technologies, monitors, manages and controls production line operations in today's Manufacturing, Military and Medical arenas. Error Proof® provides a wide variety of verification and validation functions to ensure that your production, shipping and receiving areas are error free.

Introducing **Error Proof® 7.0**, the most powerful traceability software for manufacturers ever released by Freedom Technologies for monitoring, managing, and controlling production operations with minimal, if any, operator intervention. It includes a robust set of production information capture functions, integrating directly with machine outputs and ancillary testing/quality control devices. Additionally, **Error Proof® 7.0** provides a wide variety of verification and validation functions to ensure that Receiving, Production and Shipping functions are error free.

What sets **Error Proof® 7.0** apart from other solutions is that application level software programming is not required to implement a system. Rather, each Error Proof® system is configured through a wide variety of user definable parameters. This means each Error Proof® system can be quickly implemented using proven software technology.

**Error Proof® 7.0®** ensures traceability along your entire production line today.

**Error Proof® 7.0** focuses on the most crucial demands that today's global manufacturer's encounter.



# EP Base Administrator

## **Machine Line Control**

Provides functionality to tie directly to most shop floor devices electronically. Based on a flexible set of rules Error Proof® can analyze inputs from shop floor devices and can also output data back to the device or to another device such as another PLC, Light Tree or Monitor. Error Proof supports most shop floor devices including, direct part marking devices, scales, RF devices, touch screens and monitors, RS232 devices and OPC device support.

Error Proof can be configured to receive information from a wide variety of devices. This information is used to track production and to capture information about the production process. Additionally, Error Proof can be configured to send information to a wide range of output devices. This allows Error Proof to facilitate Production and Quality control functions and alarm annunciation activities.

### Typical Input Devices Include:

- Handheld Scanners
- Fixed Scanners
- Vision Systems
- RF Tag Systems
- RF Handheld Devices
- PLCs
- Scales
- CNCs
- Distributed I/O Sub-Systems
- All RS232 connectable devices

### Typical Output Devices Include:

- Label Printers
- PLCs
- CNCs
- Records
- Files
- Buffers
- Distributed I/O Sub-Systems
- RF Tag Systems
- RF Handheld Devices
- Andon Display Systems
- Marquee Displays
- Paging Systems
- All RS232 connectable devices

- Creates Labels for Container Labels and Label Management Functions, Includes IPL and ZPL Label Designer (Intermec/Zebra Printer Language), includes functionality for part / product individual labeling
- Modify Label, FTC Data Base, Administrator, Report Writer, User Set Up, Automated Screen Designer
- Communication Server:
  - Telnet
  - 2-Line Server for Motorola P-370 display
  - Browser Full Screen including touch screen, color, etc.
  - Batch
  - Client Server Full Screen including touch screen, color, etc.
- Messaging System which includes: Alert System, E-Mail, SMTP, Cell Phone / Pager
- Export / Import Functions to external systems
- Seamless Database Connectivity to various Host Systems and other sub-systems via optional interface modules listed below, count to container
- Database Backups and archiving, configuration, menu security, schedule tasks, host downloads and maintenance, table driven transactions, security and integrity through configurable access controls, network status alerts, and built-in services across multiple Freedom databases, manages the use of common peripheral devices, maintains common information such as user profiles and reason codes
- E-Signature capability for confirmation and accountability
- I/O software device driver support for:
  - Serial device inputs (scanners, scales, etc.)
  - Shell device for running command prompt routines
  - Timer device allows script to be executed at a certain interval
  - File I/O device to access external files