

Freedom Technologies Error Proof® Advantages

Error Proof® is unique from traditional data collection systems because it was developed with user configuration functionality as its design cornerstone. Nearly every function within Error Proof® is configurable with respect to determining which data is processed and how it is handled. Error Proof® advantages:

- Included in the price is a toolset which allows you to change each transaction and / or prompt on handheld screens. You can do any customization you require to the RF scripts. There is no additional cost to add or remove screen prompts, change prompt names or design full screens, or additional maintenance charges.
- The terms “customizations”, “changes” or “modifications” when applied to Error Proof® are actually “configurations” that are made in the toolset you receive. No source code is altered when Error Proof® is “configured” which allows a company to make required changes with minimal training.
- Error Proof® offers several user interface options such as: telnet, .net or full screen. All are the same code allowing the application to be full-screen on a PC, touch screen monitor or Telnet on a handheld.
- The Error Proof® client/server architecture allows the application server to reside at the plant, which provides Error Proof® with the capability to function even when QAD is unavailable. Error Proof® validates data locally for maximum performance.
- If connection with the wireless access is interrupted, the screen on the scanner holds the data for connection to be restored then transmits. Error Proof® transmits in real time, if the wireless does not reconnect the only information lost is the current record the user was working on.
- Currently there are Error Proof® installations running QAD and other ERP systems. To date there has not been an ERP system that Freedom has not been able to interface to. We communicate to ERP systems through ODBC, file transfer, screen scrapes, I-Docs, API's and other methods.
- Error Proof® interfaces with all versions QAD software. No QAD source code modifications are required. Freedom chose Microsoft tools as the source for language and database options providing the best environment for accessing devices (scales, PLCs, etc.) as well as multiple databases. Microsoft also provides flexibility, long-range support as well as a platform with a solid enhancement path. Error Proof® configuration screens are written in Visual Basic.

- Error Proof® licensing is sold as per site licensing, allowing unlimited users per facility at no additional charge. Yearly maintenance is a flat rate charged by module per site, and not charged on a transaction by transaction basis. There are no additional “custom” maintenance charges encountered.
- Error Proof® tracks individual parts via part/container serialization coupled with strategic barcode label printing. The serial number serves as a unique identifier for each part or container. By scanning the serial number at strategic points on the shop floor WIP tracking and genealogy are achieved. Serialization is simple with Error Proof® allowing manufacturers to retain to the part level:
 - Lot/Serial numbers from assembly components
 - Lot/Serial numbers from final assemblies
 - What process was used (including verify testing and quality checks)
 - Data points (temp, pressure, torque flow rate, etc.)
 - When each part was made (event time and date stamping)
 - Who made the part (which machine or individual operator)
- When you are making pricing comparisons, please be aware of total cost of ownership. The total price on Freedom quotes includes line items for each of the following:
 - Software License cost
 - Yearly Maintenance cost (which will not change with configurations)
 - Hardware cost
 - Hardware Maintenance cost
 - Consulting cost (which is always billed as incurred)
- With Error Proof®, the technology solution selected today will support your company as requirements mature. A company requiring a small data collection application can make an investment in Error Proof® today to meet those needs. As business requirements grow and become more complex, additional Error Proof® systems can be phased in to meet those future requirements.



10370 Citation Dr.
Suite 200
Brighton, MI

810.227.3737
sales@freedomcorp.com
www.freedomcorp.com