



## Veri-Logic LLC

Veri-Logic LLC, is a leading supplier of turn-key industrial labeling solutions. We have extensive experience in the integration of bar code labeling equipment and associated devices, which we interface to our customers' Warehouse Management and Enterprise Systems. Veri-Logic LLC, founded in 1989, is a master distributor of Apax *Versapply*<sup>®</sup> labeling equipment, a Certified Symbol<sup>®</sup> Technologies Business Partner as well as a Distributor & Authorized Service provider of Zebra<sup>®</sup> Technologies bar code label printers and Accu-Sort<sup>®</sup> fixed scanning equipment. The VERI-SYSTEMS<sup>™</sup> design and implementation of bar code solutions and bar code systems for the manufacturing and wholesale distribution industries is the solution you need.



### VERI-SYSTEMS<sup>™</sup> *Package Trak*

VERI-SYSTEMS<sup>™</sup> is an automatic carton identification and labeling system developed by Veri-Logic. Using bar code technology, VERI-SYSTEMS<sup>™</sup> identifies individual cartons randomly entered into the system and performs a lookup on the host mainframe/server. The system uses TCP/IP connectivity to provide real-time communication with all popular host environments including IBM<sup>®</sup>, HP<sup>®</sup> and DEC<sup>®</sup> mainframes as well as Novell<sup>®</sup> and Windows NT<sup>®</sup> servers. A component of VERI-SYSTEMS<sup>™</sup>, the *Package Trak* system, pulls carton-specific data from the host, and determines which label formats (compliance shipping label and/or packing list label) should be applied to each carton and the data required for each. The system will then print

and apply the appropriate label(s) to each carton and validate that the label(s) applied are correct for that specific carton. After validation, the system will immediately report successful labeling to the user's Warehouse Management System (WMS) or Enterprise System. *Package Trak* can also report label data to downstream applications including sortation systems, shipping manifest systems, Electronic Data Interchange (EDI), Advance Shipment Notification (ASN) systems and more. *Package Trak* ensures correct label formats with accurate data are printed and applied at speeds up to 60 cartons per minute.

*Package Trak* will help you automate the shipping process, increase productivity, reduce errors, utilize workers more effectively and deliver a more consistent product appearance. Let's review the application modules that make up the *Package Trak* component.

## Application Modules

### Interface Module

The interface module of *Package Trak* maintains communication between your Warehouse Management System mainframe/server and *Package Trak's* controlling PC. This module can interface to a variety of mainframes including IBM<sup>®</sup>, HP<sup>®</sup> and DEC<sup>®</sup>. Supported servers include Novell<sup>®</sup> and Windows NT<sup>®</sup>. Data can be retrieved from the host system on a real-time basis, or stored/received on the controlling PC.

### Control Module

*Package Trak's* control module identifies cartons and precisely tracks movement of cartons being transported down one or multiple conveyor lines. *Package Trak* ensures that each carton is weighed (optional) and identified with the correct label(s). This module tracks the exact movement of each carton to determine which printer/applicator(s) should be enabled or disabled. It also starts/stops the induct conveyor to ensure each carton is spaced correctly. By identifying and controlling each carton of multiple carton orders, *Package Trak* can determine which cartons should only receive shipping labels and which one should also receive a detailed packing list label. The control module will divert mislabeled, or unlabeled, cartons down a reject spur for subsequent manual processing. This module's logic can be easily modified to meet your specific operational requirements.

### Weigh Scale Module

This module works in conjunction with the other modules and allows *Package Trak* to incorporate data from a weigh scale into a label format. This information can also be transmitted to your shipping, or host system, to calculate correct freight charges.

## RF Capabilities

With any new installation, installing data cables to support numerous printer/applicators and/or stand-alone printers can be very expensive and operationally restrictive as your needs change. Veri-Logic can modify most thermal transfer printers to provide RF (Radio Frequency) connectivity, eliminating the need for data cables. Also, mobile printing stations can be established to provide a flexible labeling solution anywhere in your facility.

## Support and Service

In addition to designing and implementing *Package Trak* to best suit your order fulfillment and shipping needs, Veri-Logic will also provide hands-on training for your IS staff, line operators and maintenance staff. Once installed, we can diagnose and analyze system problems in real-time with remote diagnostics which reduces downtime and optimizes productivity. In addition to our technical service and engineering staff based in Bolingbrook, Illinois, Veri-Logic can also provide nationwide service contracts with local support through our qualified service partner.

## Label Module

The *Package Trak* label module works in conjunction with the interface and control modules to format the data that is to be printed on each carton as it passes through the system. *Package Trak* label module can handle all your data requirements (label formats, bar codes, text, etc.) at production speeds up to 60 cartons per minute. Using this module, labels can be generated by using pre-formatted versions directly from the mainframe or by retrieving the required data fields and formatting the label accordingly. This module controls automatic printer/applicators as well as stand-alone printers.

## Validation Module

Once the cartons have shipping labels and/or packing list labels applied, *Package Trak's* validation module will verify that the labels applied are correct for that carton. Upon validation, the mainframe/server will be updated to indicate successful label application.

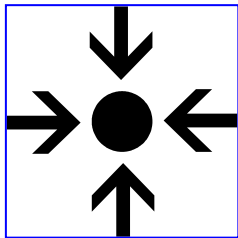
## Security Module

The *Package Trak* security module prevents unauthorized use of the system by establishing authorized log-on names and passwords. This module also generates an event log to track all labeling activity.

# Turn-Key Systems

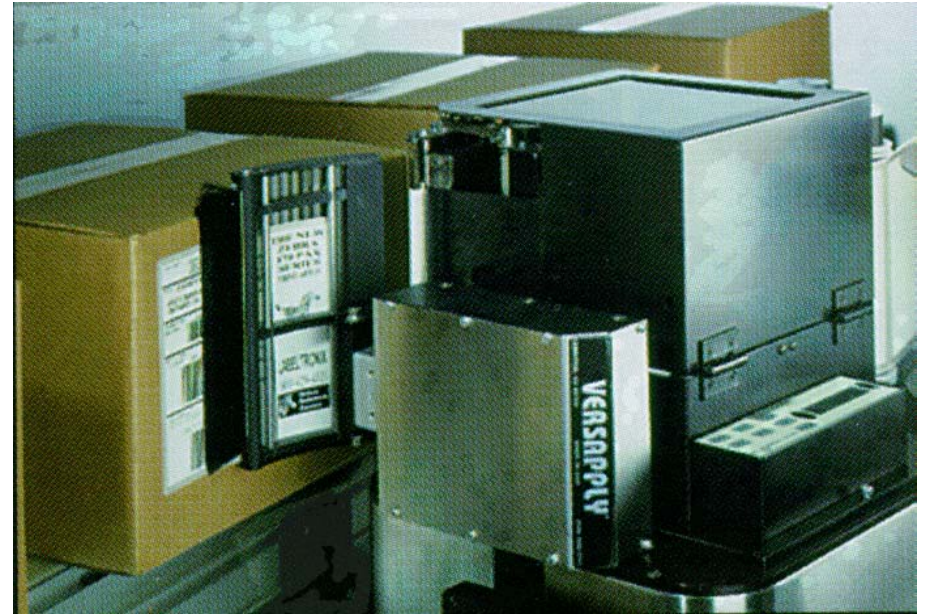
Veri-Logic LLC is a turn-key supplier in the truest sense of the word. We take complete and total responsibility for all aspects of the job – installation, testing, training and final system acceptance. If there is a problem with *any* component used in your system: scanners, photo cells, printer/applicators, scales, encoders, stand-alone printers, labels, ribbon, Programmable Logic Controls (PLCs), etc. – it is our responsibility.

To successfully implement *Package Trak* into your organization, all we need is 20-30 feet of conveyor, a data connection to your host, file layouts and communication parameters. We will take care of all the rest...that's what we mean by "turn-key".

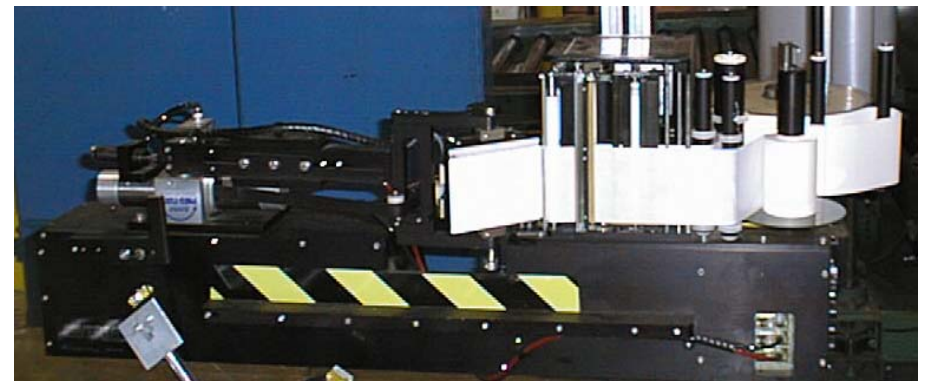


## How Can We Help You?

We would be happy to evaluate your application to determine how *Package Trak* could help you automate your shipping system, provide more timely order status information and generate higher levels of customer satisfaction. You can phone us at (630) 759-8400 or fax us at (630) 759-8476.



*Apax Touch & Go™ printer/applicator applying compliance labels to a carton at 60 labels per minute.*



*Apax front panel applicator.*

