



## BENEFITS

**Merlin® is the only software that runs genuine Telesis products. Merlin is available with most pieces of Telesis marking equipment, from PC-based systems applications, to fixed-button Dot Peen controllers, to Touchscreen controllers, Dual-Head Lasers and more.**

### **MAGICALLY EASY OPERATOR INTERFACE**

Pattern design is quick and simple with the Merlin user interface. Design and execute machine-readable and human-readable marks. The Pattern Wizard makes pattern setup truly magical, even for a novice. Immediately adjust the size, location, and orientation of your pattern designs.

### **MADE AND MAINTAINED IN-HOUSE**

A truly proprietary and revolutionary software package, Telesis engineers built Merlin from the ground up. While most laser and dot peen manufacturers re-sell off-the-shelf software, Telesis constantly maintains and improves Merlin. This ensures customers receive the best capabilities, while also allowing features to be customized.

### **INTEGRATES SEAMLESSLY**

Merlin works well with others. Use the easy setup tool, or work with our in-house software team to introduce Merlin into your systems.

### **CAPABILITIES FOR EVERY INDUSTRY**

Industry specific tools included such as UDI, UID & GSI formats, banding for close tolerance medical instruments, serialization tracking for gun manufacturing and VIN marks for the highly regulated automobile industry.

### **TOTAL CONTROL FROM ONE PLATFORM**

Because Merlin is available with most Telesis products, users can utilize the software on their laser AND dot peen equipment. Reduce employee training time, prevent operator errors, and create more efficient processes with Merlin on every platform.

### **AT ANY ANGLE**

Use familiar drop-and-drag method to design patterns that include linear text, arc text, rectangles, circles, ellipses and lines.

### **PLANT PRODUCTIVITY**

Merlin includes an ultra-modern connectivity tool to easily set up communication with various databases while handling SQL Query to extract data directly to your pattern.

### **LEGENDARY SUPPORT**

Our robust, long-lasting, and time-tested products are vigorously tested. If an issue does arise, remote troubleshooting, on-site support, and in-house service will quickly solve the problem.

### **TEAM TRAINING**

Although the Merlin platform is intuitive, our team can conduct virtual operator training or in-person sessions so your operators and team can get up and running quickly.

### **ALWAYS UP-TO-DATE**

Free software updates ensure you're always running at peak performance. Additionally, Telesis does not charge for additional seat/user licenses, providing free and unrestricted access to the tool.

### **MORE THAN A MARK**

Use barcode scanning to load pre-set patterns, load a picture of the part and fixture, and insert marking data in the proper field without the need for a keyboard. Most laser software packages can mark true type fonts, bar codes and graphics, but Merlin allows the operator to manipulate and edit DXF Files in the laser software.

### **SAFETY**

Merlin creates an additional layer of safety for your operations. With Telesis' Merlin, production specialists can breath easy. Merlin prevents marks from being executed if certain parameters are not meant, while its intuitive structure prevents errors.

- Pallet or multi- part capabilities with an array feature for exact placement
- Merlin can record operations by creating a log file for review
- Patterns can be created and edited from a desktop



# TECHNOLOGY INTEGRATIONS



## **iZONIT™**

Merlin integrates seamlessly with all Telesis vision systems. When utilized with iZONIT, Telesis' premium, high definition camera package, Merlin performs a digital analysis of the item to be marked. In turn, the operator can virtually and accurately place the mark in a precise location. After the mark is made, iZONIT and Merlin can verify the data contained within the mark, grade a 2D matrix code, and dictate the XY location of a text/number string.



## **Teleview™**

When using Merlin with Teleview, users will receive many of the same benefits as iZONIT, but in a small footprint. This embedded inspection and code reading program harnesses the power of Merlin to analyze and grade data matrix codes and features a live viewing window with a laser focus indicator.



## **ShapesFinder™**

ShapesFinder eliminates the need for fixtures that hold the part and has the ability to identify shapes. After the Circle Tool finds a radius, the operator can place arc or linear text in any location. The Edge Tool can be used when the part is larger than the marking area. The Rectangle Tool looks for a rectangle in any orientation and the Line Tool will locate any specified length of line in any orientation.



## **Intelligent PIXEL Tracker™**

An advanced tool for marking, tracking, and error prevention, Intelligent PIXEL Tracker, prevents costly errors and eliminates product loss in human and automated processes. For example, when integrated with Merlin, the tool will notify the operator if a part is not properly placed properly or if the wrong part is present. It does not allow marking operations to proceed if it detects missing or dislodged parts in an array, and it will halt serialization processes if it detects serial number exists.