

# Part Lifecycle Tracking

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Being able to track a product, and the key components that it is made of, from manufacturing throughout the supply chain, and from product birth to product retirement, offers manufacturers many advantages. With DPML, manufacturers

have the data necessary to improve product quality and production processes; improve supplier compliance to quality standards; and if the worst does happen, and a product recall must occur, that process becomes much easier and less expensive.

Traditional bar code labels do not support lifecycle tracking. They can fall off or become unreadable over time. In contrast, by directly marking a part with a laser, or by stamping the part (or dot peening), the component can be traced through its entire lifespan using ID Readers and Tracking Software.

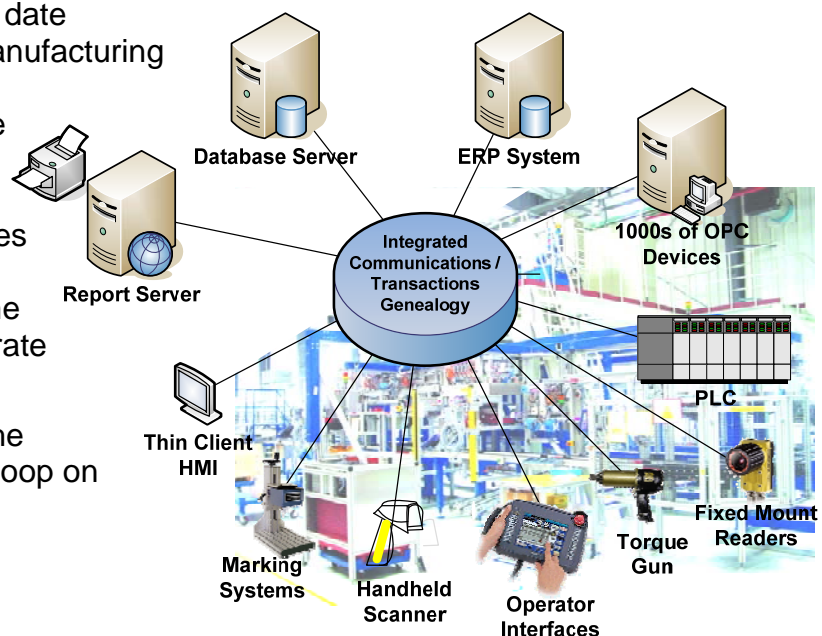


## Shop floor to top floor

Key to a successful part traceability – or lifecycle tracking, is integrating components of the shop floor activities with the delivery and business components of the business. Tracking a part within the shop walls is equally as important as it is to track after it leaves the plant and continues its assembly or value-add process. Avoiding **containment and inventory bottlenecks** results in more productive processes, increased plant efficiency, and top quality product.

Providing accurate and up to date information about the part manufacturing process to critical business systems – such as Enterprise Resource Planning applications and Production Scheduling Systems – ensures that everyone in the organization has access to the data that need to make accurate business decisions.

Tying plant-floor devices to the CEO's daily KPIs closes the loop on Manufacturing Intelligence!



## How Can you Adopt Traceability?

Sure Control Systems and its partners are experts in direct part marking and identification, tracking and genealogy, and manufacturing intelligence technology. We can help you develop a comprehensive strategy to adopt DPMI and Traceability in a cost effective, phased approach. Adopting this new methodology ensures that the project remains based on your corporate goals.



Some of the key points for a successful deployment are:

- **Collect and Preserve Data** - The process owner owns the data and is responsible for archiving that data. Readers only need capture the minimum amount of data necessary to preserve the integrity of the traceability process.
- **Ensure Process Robustness** - Whoever creates the identification mark must verify read performance based on quality, content and read rate specifications at all read stations.
- **Use Common Standards** - The goal is to write once but to be able to read the part mark many times.
- **Add Value, Reduce Cost** - Parts should be marked as early in a process as practical. The longer the value stream a part can be read in, the more value the traceability process has for everyone.

If your organization can benefit from traceability – Sure Control Systems has the expertise and product solution to fit your needs. Sure Controls, along with our vendor partners provide every component required to track product and component genealogy. We can help you design a solution that is unique to your needs and we have the expertise to deliver. With nearly 20 years in the production and process business, Sure Control Systems is uniquely capable of providing a complete Traceability Solution for you.



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