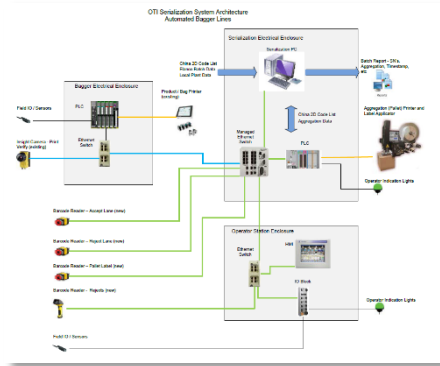


SERIALIZATION AND TRACEABILITY SOLUTION TO MEET REGULATORY REQUIREMENTS



**Main Objective:**

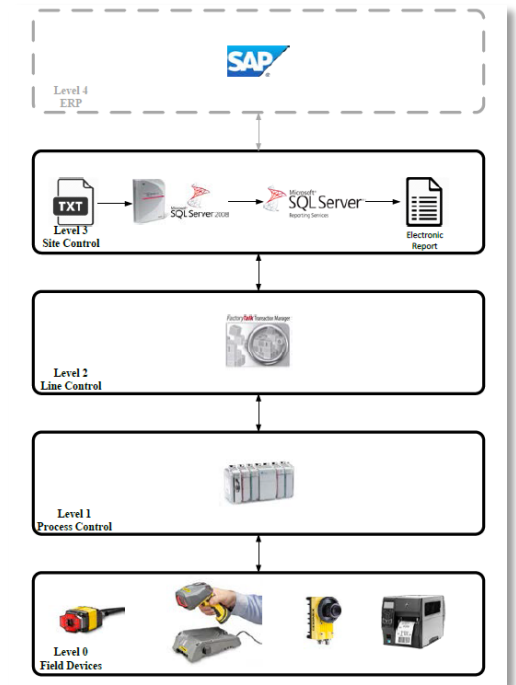
Some regulations for selling products require the use of a unique barcode permanently affixed to the product’s packaging. The individual products are marked with a barcode, the same type of barcodes must be applied at all aggregation points – such as boxing or palletizing. After the product is through the manufacturing and packaging processes, a record of product barcodes and aggregation barcodes must be maintained and transmitted.

**Solution Overview:**

- ❖ Serialization of the individual products (bags, bottles, etc.) will allow the customer to electronically link the individual products and aggregation levels to conform to the new regulations.
- ❖ The solution is accurate, reliable, and easy to implement
- ❖ The solution is flexible, scalable, and able to be deployed across multiple lines and facilities
- ❖ The solution is capable of interfacing with both automated and semi-automated packaging lines
- ❖ The solution can be used for serialization track and trace on all products
- ❖ The solution is commercially available, off the shelf technology that will avoid the use of “black box” solutions

**Solution Benefits:**

- ❖ Electronic records of shipments and manufacturing orders
- ❖ Identify products affected by defects and minimize recall costs by recalling specific serial numbers
- ❖ Identify defects prior to customer delivery and eliminate the need and cost of a recall
- ❖ Provide detailed historical information related to production, inspection, genealogy and usage



*Outbound was founded, and continues to grow, based on the market need for a manufacturing control systems provider who will do it once, do it right, do it on time, and deliver within budget. Our success is a result of the application of rigorous method, development of creative designs and a firm belief in old fashioned business values. Our objective is not a contract nor is there a limited focus on profit. Our goal remains the development of long term business relationships based on trust and respect.*