



**Company:** Company 1  
**Service:** Factory Automation Solutions  
**Sector:** Customer supplies; 10,000 +

**Customer Duration:** 15 years  
**Project Value:** €2.5m

**Project Overview:** Deliver a Flexible, Scalable 20ppm production representative Pilot line.

#### **Strategic Targets:**

##### **Capacity expansion with tooling re-use and future product representative development**

- To deliver a pilot manufacturing system to enable the introduction of new products between bench top testing and high volume production.
- Supported by product and process development which results in a faster roll over and product launch on high volume manufacturing lines.
- Customer shippable product from development cycle to stable tooling and initial product launch.

#### **Outcomes Achieved:**

- Flexible to ensure current and future product platforms can be tested on tooling.
- Enable representative debug / characterization of processes.
- Successful FATs completed, meeting all quality and system verification standards as would be carried out on a full high volume line.
- To enable turn-key delivery of 40ppm manufacturing system upgrade kits which allows us to enable confident direct-launch on high volume lines across the world.
- Processes, test / inspection, part-tracking to enable customer-shippable product.
- Automation vs Flexibility vs Operator Headcount with high flexibility in tooling changeovers.
- First time use of automated tooling change of filter and adhesive dispense on the one base.

#### **Project Delivery:**

- Managed all aspects of the project, from current product designs to design of tooling to accommodate new product development.
- Detailed collaboration with customer and vendors to deliver production representative manufacturing solution.
- Successfully achieved monthly production volumes as well as assisting high volume lines during times of high product demand.

**Factory Automation provided a cost effective solution to develop and provide tested solutions for high volume transfer.**