

Siemens and Pharma Integration, a pioneer in the Pharma sector

IT/OT innovation and integration for the pharma world

Location: Siena, Italia

Highlights:

- Siemens technology as a meeting point between the IT world and OT
- Wide range of Industrial PCs and the Software Controller Simatic S7-1500
- Synergy with the customer and precise and punctual support.

Pharma Integration

Founded in Siena in 2016, Pharma Integration operates in the pharmaceutical industry, designing and implementing innovative, fully automated systems dedicated to the filling of new generation injectable drugs. .

Solution/Portfolio

The world of pharma is extremely innovative in the development of new complex and cutting-edge drugs.

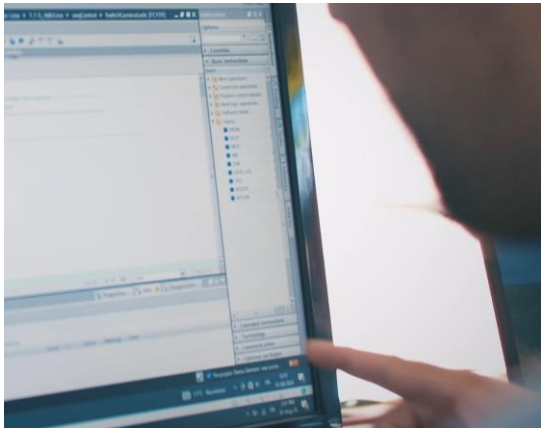
The traditional bottling model is based on outdated technologies, with significant risks to safety, quality, efficiency and productivity. Pharma Integration has therefore rethought the entire bottling process in a more rational, safe and efficient way, providing robotics solutions and cutting-edge technologies of Industry 4.0 and 5.0, in compliance with the most stringent regulations in terms of quality and safety.

The proposed solutions are based on the wide range of Siemens industrial PCs, synonymous with high performance and stability, integrated with the SIMATIC S7-1500 Software Controller for the management of machine automation within a single development environment, the TIA Portal.

The decentralized SIMATIC ET200SP I/O in Profinet has also been implemented to handle all field signals precisely and reliably.

Benefits

The collaboration with Siemens has made it possible to identify a system architecture capable of combining the robustness of the OT world with the potential of the IT world, guaranteeing the highest cybersecurity requirements and allowing applications developed with object-oriented programming languages such as Python and C# to be integrated with classic automation.



"In the world of pharma, Siemens is a name synonymous with reliability

e so we started to work closely with their team to find the best response to our needs»

**Davide Privitera
Head of Automation
Pharma Integration**



SIEMENS