INFACTO ENGINEERING

inFacto

An automation platform for the digitization of the design and implementation of industrial systems

The goal is to create a platform capable of automating key steps in the design and implementation of control systems. Based on functional requirements, mechanical design, or electrical documentation, it will be possible to automatically generate not only the structure of the control software, variables, functional and organizational blocks, but also documentation, diagnostic functions, test scenarios, and visualization screens. The platform speeds up work not only for programmers and robotics engineers, but also for electrical designers, mechanical engineers, and documentation specialists who create deliverables for customers, manufacturing, or service.

Unique Selling Points

- Automatic generation of PLC and robot code, as well as documentation, from standard technical documentation, without the need for strictly structured input.
- Up to 70% time savings in the design of control systems, reduced error rates, and greater consistency in outputs.
- Independence from technology vendors; a single platform for PLCs, industrial robots, and mechatronics across vendors.
- AI as an engineering assistant that understands technical language and generates code, tests, HMIs, and diagnostics.
- An affordable solution even for smaller businesses and the self-employed.

Product

Platform for Generating Automation Programs

Technology readiness

Development

Proof of concept

▶ Prototype

First implementation

Extensive implementation

