Fossati Elettrotecnica

The Company

Continuous Evolution

Fossati Elettrotecnica, has been actively developing programs and systems for the automation sector since 1989. The company has come a long way over the 20 years it has been in business and prides itself on continuously developing, not just as a progressive company, but also in its product choices in a dynamic market.

Our history

October 1989: Fossati Elettrotecnica decided to relinquish its business activities in the automation of components to focus upon (from 1967) its primary expertise in the study and development of solutions for the automation sector (movement, positioning, regulation and supervision).

Programmable logics using Simatic S5, from 110A to series 100, 115, 135, 150 with WF card, for positioning and man/machine interface (HMI). For PC supervision, we developed our own software in the mid 1990s utilizing IBM OS/2 operating system capable of interfacing with Simatic S5 Word.

Headquarters

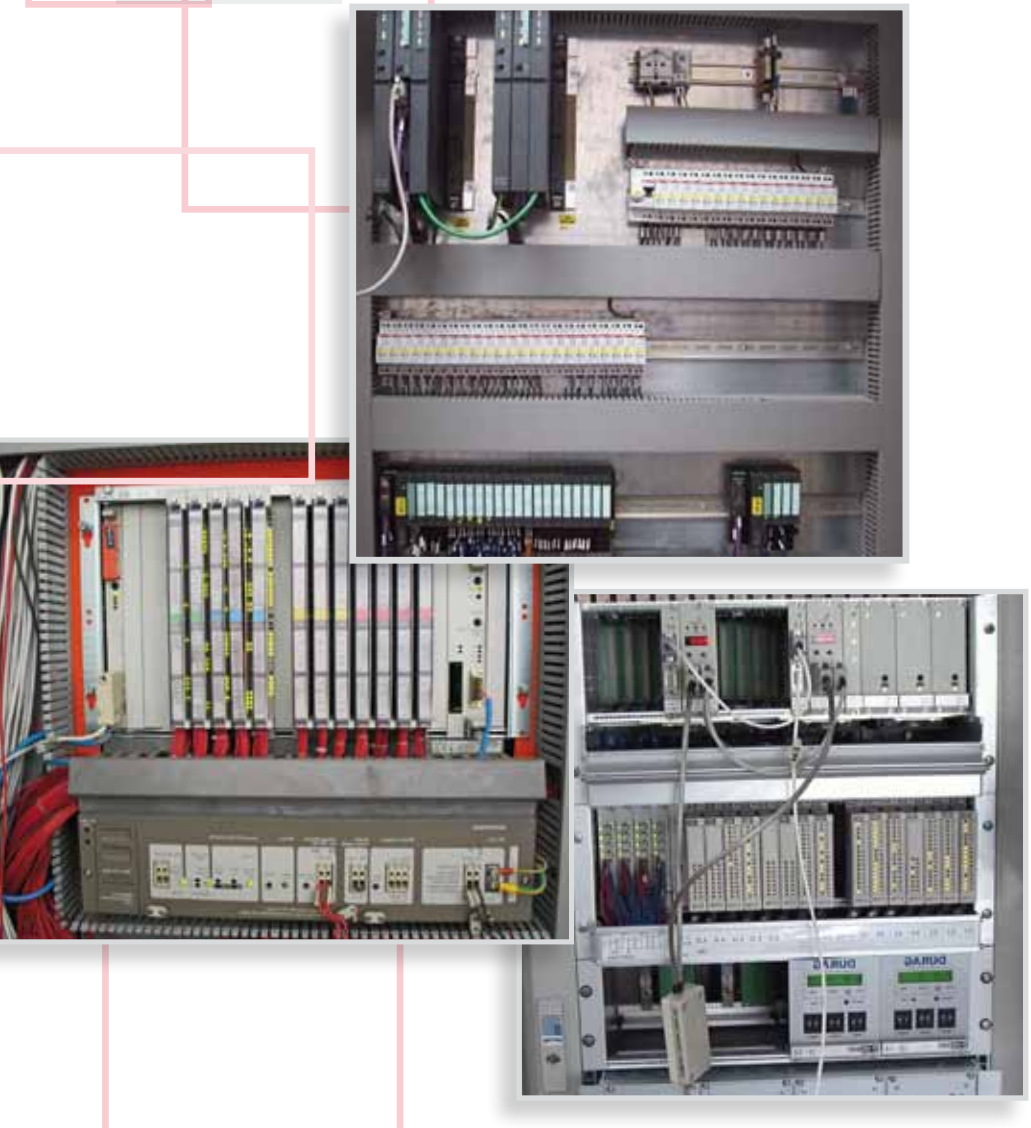
Between 1999-2000, the development of the SCADA system increased the portfolio to offer a greater number of diverse building systems.

During the years, solutions of automation base on PLC Simatic S7 and SCADA WinCC, DCS, PCS7 are consolidated and, recently the new Siemens TIA Portal too.

Historically, the head office was based in Busto Arsizio (VA) before being transferred to Castiglione Olona (VA) where it currently operates from a purpose-built spacious facility with reserved area for meeting and testing. Other facilities include:

- Telephony in technologic Voip, integrated with mobiles, for easy availability out of office too
- Protected internet access by firewall hardware
- Complete net infrastructures, with printer, scanner, plotter, redundancy server and from internet isolated
- PC of development continually updated

Expertise



From past to present to future

Fossati Elettrotecnica takes seriously its commitment to continuous training including staff and collaborators to provide a lasting legacy. Whether you have a well established system which requires maintenance, upgrading or migration from an old systems or you would like a bespoke system, we can customize a solution of the highest quality to your particular specification.

The team

Our expertise as programmers has grown out of our experience in the automation sector. All our staff are qualified in the field of Electronics and Electrotechnics and are continuously trained to the highest standards. Our ethos is to provide a flexible, multi-disciplined team which delivers a comprehensive range of certified competences across the automation sector – whatever the project.

Areas of expertise

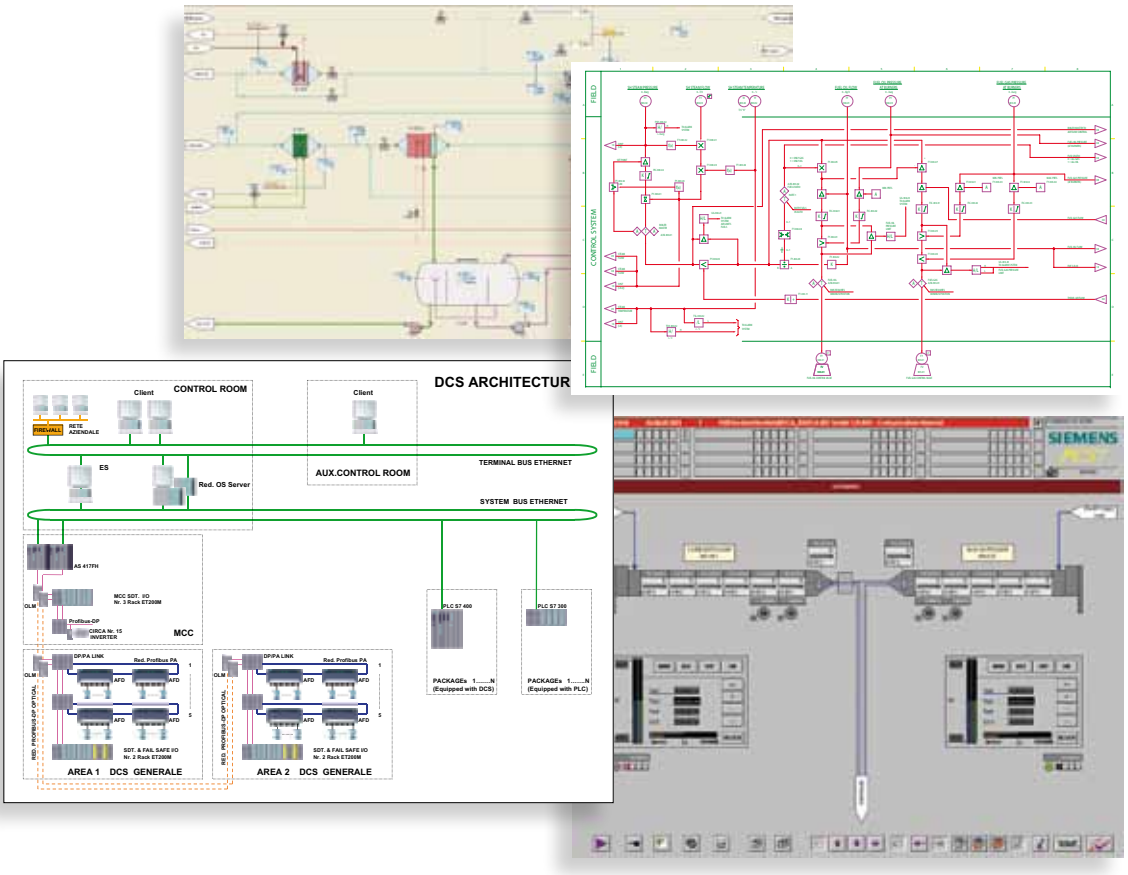
- collection, recording and presentation of the data referred to several aspects of the production
- power management
- air treatment for solvent recovery
- distillation columns (division of solvents/ separation glycerin and recovery methanol in the production of biodiesel)
- refrigerator group and system (compressor and industrial cells of freezing and conservation, low temperature glycol water production)
- BMS / combustion system
- Park store and solvent pouring off
- Pumping station (water / petroleum / solvents)
- plastic (extrusion)
- rubber (pneumatic production)
- systems for technologic spun (polimerization / extrusion / spinning)

Services

The offer includes

- customer needs analysis and project possibility
- preliminary study to produce an automation proposal/ supervision based on the real needs
- proactive cooperation on drawing up of specs
- realization of automation software (movement, positioning, adjustment, receiving, etc...)
- realization of software for HMI devices (from singular position with operator panel to complex multiuser net-structures)
- configuration DCS
- hardware supply (PLC – and ATEX e Fail-safe – panels OP/TP, SCADA, DCS, net components, inverters, instrumentation,...)
- switchboard automation supply, realized on our specs selected by outside collaborators and tested by our staff
- PC simulation of all functionality of the realized systems (in our office or in customer office)
- pre-commissioning, using calibrator hardware and configuration software, to put on use the field instrumentation support to the startup of system

- training of operators
- support and assistance agreements after start-up
- maintenance software operations and succeeding updates
- remote assistance



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