

MERIAL – Saint-Priest, France

Installation of a new production unit of veterinary vaccines



Contact:

EKIUM
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Phone: +3(0) 4 72 81 50 50

Founding year:

1990

Employees:

600

Solution
Partner

SIEMENS

Automation

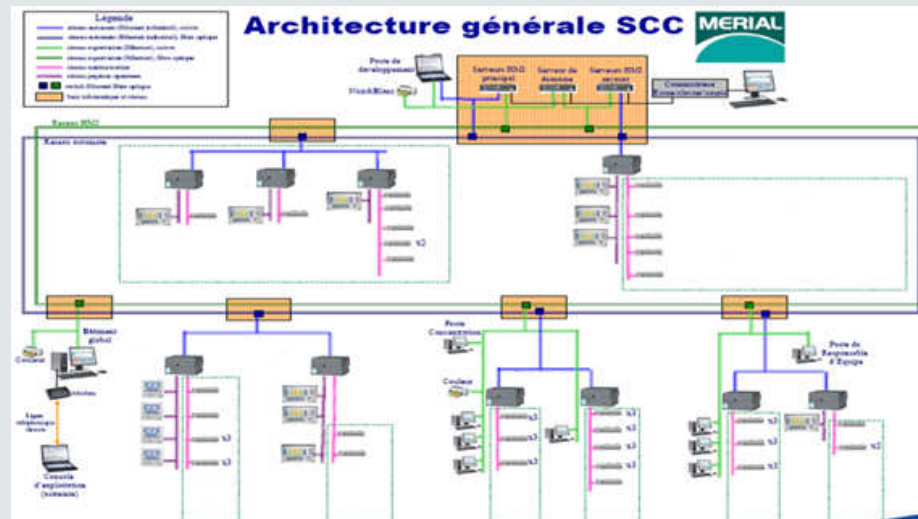
Solution Partner : **EKIUM**

Client : **MERIAL – Worldwide leader in animal health**

Segment : **Veterinary Pharmaceuticals Company**

Requirements of the Customer :

- Automation of veterinary vaccine production equipment's in a new unit in Saint Priest



Short description of the solution:

SIEMENS hardware used:

- 7 automation Systems S7-300
- 9 operator touch panels
- 10 Operator Stations
- 1 remote access station (via Internet)
- 8 screens GECMA
- 2 redundant servers
- 1 domain server
- 1 Archive server
- Profibus & Modbus networks and Ethernet network in Optical Fiber

SIEMENS software used:

- Step 7 : AS programming
- WinCC and WinCC Flex : supervision
- Maintenance station : system Maintenance information
- PM QUALITY: Edition and management of batch reports
- SIMATIC LOGON : Centralized users management
- WinCC audit RC : audit, trail
- WinCC user archives : management of recipes

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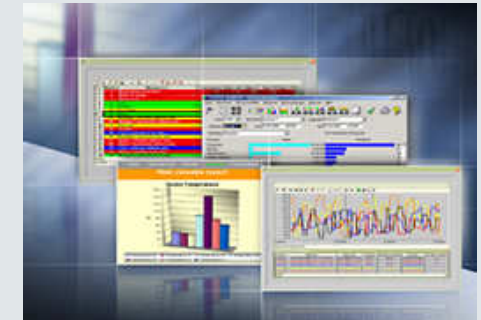
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Implementation by the Solution Partner :

- Design documents according to the GAMP
- Detailed functional analysis
- Programming standards and benchmark
- Development of AS applications
- Development of HMI interfaces
- Studies and realization of cabinets and computer stations
- Writing of qualification protocol's QI and QO
- Complete test s of the Architecture platform (FAT)
- Complete test s on site (SAT) with MERIAL
- Elaboration of operators and maintenance manuals
- Trainings



Benefits for the customer:

- 17 000 hours of studies, development, fabrication and tests
- Duration of the project : 20 months
- 1500 IOs
- 55 control loops
- 80 production cycles
- 300 recipes
- 5 standard production reports
- 300 process views, settings, alarm systems, management of recipes and functions, configurable curves, 250 pop-up, ...
- 8 test protocols, 510 test sheets, and more than 1 300 test sheets executed