Morsys

INGENIERIA EN AUTOMATIZACION Y CONTROL

THE COMPANY

We are a company of services and technical engineering advisor that integrates control equipment and gives a complete solution to the problem of process control.

We have an engineering team with more than 10 years experience in developing and start up of control systems in Argentina and other countries around the world; with a vast trajectory in Automation & Industrial Control.

We have the "Know How" in developing Control Systems in Oil & Gas, Iron & Steel as well as Manufacturing. Our services include Scadas, PLCs, DCS, and HMI programming, as well as "Turn Key" projects execution.

SERVICES

MORSYS covers a wide range of engineering needs in automation projects, going from basic engineering to "turn key" works.
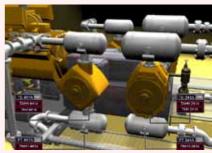

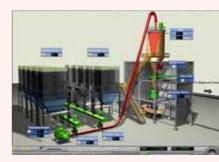Pur services include the following activities:
› PLC & RTU Programming.
› SCADA Design and implementation.
› Systems Integration.
› Advanced control design.
› Automation of Special Machines.
› Mathematical Models.
› Implementation of Poka Yoke Systems.
› Implementation of Historian Systems & Process Information.
› Pre-commissioning & Commissioning of plants.
› Start up assistance.
› Erection Supervision.
› Maintenance contracts.

Integrating the following systems:
› Distributed Control Systems (DCS).
› Advanced Control Systems.
› HMI/SCADA Systems.
› Artificial Vision Systems.
› Real Time Systems.
› Data Adquisition System.
› Tracking Systems.
› Hydraulic And Pneumatic Systems.
› Programmable Logic Controllers (PLC and RTU).
› MES Systems.
› Building control Systems (domotic).
› Security Systems (F&G, ESD, BMS and BLRBAC).

SERVICES AREAS

The areas in which we work are the following:

› Oil & Gas.

› Iron & Steel.

› Automotive Industry.

› Cellulose & Paper Industry.

› Energy.

› Mining.

› Research Laboratories.

› Food Industries.

› Automaker.

TECHNOLOGY

At Morsys we use the following products in our developings

Distributed Control Systems
Invensys: IAS, InFusion
Emerson: Deltav

Scada Systems
Siemens: Wincc, ProToolPro
Rockwell: RSView 32, RSView SE
Intellution: Fix32, iFix
Wonderware: Intouch
ControlMicrosystems: CLEARScada
National Instrument: LabView

PLC's
Siemens: S5, S7, PCS7
Allen Bradley: Micrologix, ControlLogix,
PLC5, SCL500
Schneider: Micro, Premium,
Momentum, Quantum
ABB: AC31, AC500.
Invensys: Triconex, Trident.

RTU's
ControlMicrosystems: SCADAPack
Emerson: Fisher ROC

Communication Bus
Siemens: SINEC, MPI, ASi, Profibus DP/DA,
Industrial Ethernet
Allen Bradley: DeviceNet, ControlNet,
Ethernet, DH+, RIO
Schneider: Unitelway, Modbus Plus, Modbus TCP

REMOTE ENGINEERING

Remote engineering consistes in making control systems on a remote location in Argentina, having the advantage of globalization and fluid communication at a low cost with a local technician as a speaker.

Positive consequences of this working method are:

› Decrease of third parties costs.
› High response on intensive workload.
› Decrease of hourly rate costs.
› Avoiding training costs.

Since 5 years we have the "Know How" of Remote Engineering developing, taking advantage of our Multi-lingual engineers. (English, Portuguese, French, Spanish).

CONTACT

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