

SYSTEMS AUTOMATION IN LARGE INSTALLATIONS

Modern Control Systems and Automation Systems based on PLC, SCADA and DCS equipment are increasingly widespread in manufacturing plants.

With them it is possible to optimize the intervention of operators, ensuring continuity in the process and improving the product quality. Automat and controlling is now a need to gain competitiveness in the global market.

The technologies provided by DOMINION, under the brand of Abantia, are market standards and worldwide known and recognized. Some of them are:

SIEMENS

**Schneider
Electric**

**Rockwell
Automation**

ABB



Nowadays it is increasingly necessary to have real time information on manufacturing processes, so that production can be efficiently managed. Tools as MES' applications that follow rules ISA-88 and ISA-95, with its control modules Batch, OEE, Asset Management, Work Order Management, Planning, Tracking, etc., will enable information to flow on how the plant is operating towards the management organs that, when necessary, can make the necessary decisions to ensure the quality and production deadlines.

invensys
Wonderware

werum
SOFTWARE & SYSTEMS

Dominion, under the brand of Abantia, has developed lots of systems automation in large installations, such as the new airport terminal in Barcelona (T1) installations control system. This is one of the biggest SCADA installed in the world (one million input/output signals).

DOMINION can provide Batch based control systems. These are production control systems based on recipes. This system is very useful when the production follows a pattern in which, defining the appropriate recipes, a lot of time can be saved, and also increasing the safety of the plant, because it minimizes the mistake possibility.





SOME CUSTOMERS

AENA BARCELONA
PALACIO DE LAS ARTES REINA SOFIA
BOEHRINGER INGELHEIM
DERYPOL
CLARIANT
KAO CORPORATION
REPSOL QUÍMICA

CRY VALLEY
BASF
RANKE QUIMICA
ENAGAS
INOVYN
REFERENCE

REFERENCE

CUSTOMER: AENA Barcelona.

LOCATION: New Barcelona Airport Terminal T1 (Spain).

PROJECT: Integrate in a unique Control System HMI the total number of different installation systems.

INSTALLATION: Programming of one of the biggest SCADA system in the world (one million I/O signals), integrating smaller systems from many different manufacturers.

COMPLETION: 2010.

REFERENCE

CUSTOMER: ATLL.

LOCATION: Water pumping stations spread throughout Catalonia (Spain).

PROJECT: Control & Monitoring of water pumping stations from a Control Center.

INSTALLATION: Electrical Installation, Instrumentation, PLC and communication equipment, Control Center Software.

COMPLETION: 2004-2008.

