



“The BEMS needed to control the environmental conditions of 2 areas of the plant: the new FEZO building and the Drum Store...”



The Shannon site is the Group's only Active Pharmaceutical Ingredient (API) manufacturer and is entering an exciting new phase of development. It is the location for one of SCHWARZ PHARMA's Research and Development centres and is the only centre for scale-up where chemists and chemical engineers get an opportunity to work on the development and scale-up of new chemical entities for the group. A new Kilo scale laboratory was introduced in early 2005, which further enhanced this capability. As part of the investment in new products, the company will spend up to €70 million in Shannon over the next five to six years, introducing new technology and automation and upgrading the current site.

Having successfully delivered Genzyme and other projects in partnership with Jacobs Engineering our proposal for delivery of this project was looked upon favourably by Jacobs Engineering and their client Schwarz Pharma. Our experience of hazardous chemicals in pharma and other industries and the requirements for the system to be ATEX approved for use in these environments was a key factor in our selection as well as our proven track record in Pharma.

The project consisted of

- 2 DPU'S (Distributed Process Units) controlled By Siemens Controllers and Front End Software Graphics
- One for each of the buildings, Fezo and drum store.
- Approximately 320 I/O
- Hazardous area Intrinsically safe Instrumentation
- Isolators for connection of field instruments to BEMS
- Interface to site-wide Distributed Control System

CLIENT
Schwarz Pharma Ltd
(Ireland)

LOCATION
Shannon Industrial
Estate
County Clare, Ireland

SERVICES PROVIDED
BMS Design and Instal-
lation
Total Data Points:
approx.320

VALUE OF SERVICE
€280,000

DURATION
2007-2008

REFERENCE CONTACT
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ment Engineer
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CONSULTING ENGINEERS
Jacobs Engineering