



ABB provides NeoResins with Control System enhancements now, expandability for the future

By evolving their DCI control system to ABB's Industrial IT technology, fine chemical manufacturer NeoResins gained the automation control enhancements they desired now; and the infrastructure they require for future system expansions.

Client: NeoResins

Location: Barcelona, Spain

Scope of Work: Upgrade of DCI control system to Industrial IT

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Ernest Mas
Engineering Manager
NeoResins



NeoResins evolved their DCI system to Industrial IT. The upgrade gave enhancements to their basic system now, as well as sufficient infrastructure to expand and update in the future. NeoResins hopes to continue collaborating with ABB on new projects in the short, medium and long term, especially with regard to new technologies, fieldbus and integration with new equipment they will install.

Background

"NeoResins is a company dedicated to the manufacture of acrylic resins and polyurethanes," NeoResins' Engineering Manager, Ernest Mas told us. "We need to have perfect control of the pressure, temperature and flow rates. Control of weight is also very important. For fifteen years, since the factory opened, we've been working with ABB in this area, and they have always given us excellent quality."

The Solution

Mas continues: "In the most recent major extension we made to the control system, we chose ABB because it gave us sufficient infrastructure to expand and update. It also allowed us to add new enhancements to the basic system that was already installed."

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Mas again: "The compatibility of the new products with the existing ones allowed us to avoid any intermediate interface. "The most recent piece of equipment we installed was for a new tank. The equipment has functioned perfectly, has adapted to existing equipment, and is operating as expected. Integration of our most recent upgrade, which utilized Windows technology, was fantastic."



ABB Services: Your Guarantee

Mas spoke about ABB Services: "When we decided to continue working with ABB, as always, we assessed all other valid options. In this case, ABB had the edge in terms of after sales service. For NeoResins, ABB provides 24-hour telephone service and maintenance service. This means we are able to have direct contact with ABB personnel for emergency situations, like when we're working some Saturdays and during the night.

"We're satisfied with the services offered by ABB, mainly due to the fact that they always respond when we need them. In a company that manufactures acrylic resins and polyurethanes with exothermic reactions, being able to count on an assistance service for the control system that monitors these processes is like a guarantee."

Collaboration on Fieldbus Solutions

"We hope to continue collaborating with ABB and for ABB to collaborate with us on new projects in the short, medium and long term, especially with regard to new technologies, fieldbus and integration with new equipment we install," said Mas.

Looking Ahead

Mas again: "As in the past, we continue to consider ABB a good partner with whom to go on achieving successes in the future. We never consider just one option, that's something that NeoResins doesn't do. We assess multiple options and choose the one we think is the best. We chose ABB."

Why Choose ABB?

- Investment enhancement through evolution
- Scalability
- ABB Services: your guarantee
- Fieldbus solutions

Investment Enhancement through Evolution to Industrial IT

ABB control system users all over the world improve performance and lower life cycle costs by building upon their existing ABB systems. Add the technological advances of ABB's Industrial IT offerings to get even more return from the systems you have.

ABB is dedicated to preserving the process security and value of your control system investment. We provide the industry's most comprehensive system life cycle and evolution programs to enhance your overall functionality and productivity, along with superior ongoing product support and service to keep your system operating at peak performance levels.

For more information on ABB control systems, call us at: 1.800.922.2475 (or if not in the US: +1 585.273.6417), email us at: industrialitsolutions@us.abb.com, or log on to: www.abb.com/controlsystems.

For more information on how ABB's Industrial IT technology can be employed to solve your fine chemical processing issues, visit us at: www.abb.com/chemical.



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