

Solutions for Life Science

Chiesi Farmaceutici benefits from integrated life science solutions

Chiesi Farmaceutici, winner of the 2012 “Facility of the Year Award” in the category “Sustainability”, ensures optimal environmental conditions.

Chiesi Farmaceutici in Parma, Italy, relies on integrated life science solutions from Siemens to provide safe, secure and energy-efficient new research and development facilities.

Strong focus on research and development

In 1935, Giacomo Chiesi, an Italian pharmacist with a passion for research, bought the Parmese Pharmaceutical Laboratory and hence laid the foundation stone for the Chiesi Group. Starting off as a small laboratory in Parma with only two employees, the company soon became an international group with more than 3,800 employees. Today the group operates on five continents with 24 direct branches, manufacturing and distributing pharmaceutical products in more than 60 countries.

The new research and development center aims to house the company’s knowledge and technology resources. On the campus with its many buildings scientists conduct research to identify lead compounds, work on preclinical and clinical development, and manage regulatory activities as well as Chiesi Farmaceutici’s global research and development portfolio.

Safe, energy-efficient and compliant research and development center

The competition in the pharmaceutical industry is fierce. It is required to develop new drugs and be innovative to stay competitive. Therefore, businesses require optimized processes, optimal research and development conditions and maximum protection of employees, assets and processes.

It was important for Chiesi Farmaceutici to provide a vibrant environment for scientists and researchers – a center for creativity, collaboration and innovation that is also comfortable, safe and energy-efficient.

Being sustainable was another criteria – using energy-efficient materials and technology to save energy and costs without compromising on comfort, safety and security.



Integrated solutions for increased efficiency, safety and security

As a provider of integrated solutions, Siemens was commissioned to deliver high-grade technology for increased efficiency, heightened fire safety and security and regulatory compliance.

A Desigo™ building automation and control system with several hundred controllers was installed to provide simple, intuitive control of all building systems. Since the controls operate pneumatically, they are easy to install, ensure reliability over the long term with minimum maintenance and are clean and safe. With the installed Desigo building automation and control system, Chiesi Farmaceutici is able to monitor and control all energy-related parameters and adjust them accordingly to save costs while still offering a comfortable working environment for their scientists.

On a campus with high safety and security requirements, it is necessary to have a reliable fire safety and security concept in place. The integrated fire safety and security solution on campus prevents unauthorized access to critical areas and ensures that people are alerted and know what to do in case of an incident. An intelligent video surveillance system ensures centralized monitoring of incidents before and after an event.

Complete solution from a single source

Chiesi Farmaceutici selected Siemens as a partner because it offered a complete solution from a single source – from system design and installation to project management and maintenance – allowing the group to benefit from in-depth technology expertise and dedicated solutions for the life science industry.

Highlights

- Desigo building automation and control system
- Access control system over IP
- 125 access control readers
- 20 motion detectors
- 79 intelligent video surveillance cameras
- 5 Sinteso™ FC2060 fire control panels
- Intrusion detection
- 3 SPC6000 intrusion control panels
- Interactive alarm notification
- 103 PX controllers
- 5 PLC S7 319 BACnet
- Smart lighting system