

Partner to the Biotech/Pharma Industry – Industrial Automation



Water/Wastewater

Biotech/Pharma

Food & Beverage

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Bayer Health Care, Germany

The Company combines the global activities of the divisions Animal Health, Bayer Schering Pharma, Consumer Care and Diabetes Care. More than 50.000 people are employed by Bayer HealthCare worldwide.

Their aim is to discover and manufacture innovative products that will improve human and animal health worldwide. The products enhance well-being and quality of life by diagnosing, preventing and treating disease.

Production site, Leverkusen

With approximately 1.000 highly qualified employees, Leverkusen is one of Bayer HealthCare's major production sites. They produce, package and distribute high quality medicinal products for all international pharmaceutical markets.

The solids facility in Leverkusen produces more than six billion tablets. These are packaged by the solids packaging facility into over 240 million blister packs. At the same time, the parenteral facility in Leverkusen produces more than 18 million infusion and injection bottles, vials and over 1.5 million ampoules. These are turned into more than 16 million packaging units.

Task

- Control of diaphragm process valves for production of solutions for infusion. Retrofit an existing plant within a time-frame of just 4 weeks.

Solution

- Completely designed and manufactured control cabinets → reduced interfaces for the customer.
- Control cabinets include MPA valve terminal, CPX modules for digital and analogue signals, Profibus DP communication, Barriers for connecting the NAMUR-signals from hazardous areas (ATEX Zone 1), terminal strip for field signals.
- Documentation using EPLAN and standard printed version.



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