

PROJECT PROFILE

Owner:

Berlex

Project Name:

Clinical Production Manufacturing Facility

Project Location:

Lynnwood, WA



Technical Summary:

The Atlas project was a green field production facility. The PCS system included utility controls for the RO/DI, WFI Storage and Distribution, Pure Steam, Waste System and Glycol Systems. The system provided CIP and SIP sequences for all of the piping and four process suites. The control system also included Media Prep, Media Compound, Fermentation, Buffer Prep, and Filtration

A separate system was installed for the Monitoring Systems (MS) that recorded environmental information for the production areas and warehouse.

The BAS systems included 11 air handlers, boilers, chiller and CDA System.

The Archiving and Recording System (ARS) capture all of the history, events, alarms, and displayed reports thru Crystal Reports, Excel, and the WEB.

The software development included 10 Allen-Bradley ControlLogix PLCs, 4 SCADA servers and a GE Proficy iHistorian Server and Web Sever for archiving and reporting.

Scope Responsibility:

Bay-Tec was responsible for a design build control system and implementation inclusive of: System architecture, instrument specifications and datasheets, control panel design and fabrication, instrument procurement and installation, software design and integration, loop checks and calibration, coordination of the tubing installation, coordination and testing of the network installation, coordination I&C electrical installation, system commissioning and start-up, and validation support.