

Control Retrofits & Vessel Upgrades



Improve your throughput and increase your efficiency with advanced controller and vessel upgrades from DCI-Biolafitte. From university to cGMP validated systems, our experts will assess your automation, vessel, and skid needs—then recommend ways you can improve your equipment performance regardless of the original manufacturer.

We find ways to improve the throughput and efficiency of your equipment—from upgrading older SIP culture systems and unsupported analog controllers to replacing inefficient manual valves and fixing contamination issues.

Our comprehensive eight step process helps our equipment experts identify your needs and determine all of the options available to update your existing systems to allow for peak performance:

- Initial system review
- Process evaluation
- Preliminary control system design
- Retrofit proposal and options
- Hardware reconditioning
- Software programming
- Automation assessment
- Factory and/or site testing





Skid

We can construct new skids, rejuvenate your existing skid, or convert a fixed skid to a mobile design for changing research and development needs. Whether you need a skid built from scratch or have an old skid that needs to be refurbished, we'll build or recondition a system for your needs in our state-of-the-art manufacturing facility in St. Cloud, Minnesota.

Vessel

We can also modify, refinish, or repair old or damaged vessels to adapt to your changing workflow. Additional ports, baffles, and other upgrades can be added at your site or on our manufacturing floor.

Control Systems

We provide a multitude of non-proprietary control options to suit your needs. The software platform used is supported by one of the largest controls divisions in the industry. Our initial system review and consultation will help us determine what options are best for you. Control options include:

- Programmable logic based controls
- PC based controls
- Color touch screens
- Alarms
- NIR
- Optical density
- Mass flow controllers
- Off gas analyzers



Testing, Training, and Installation

We typically recondition systems at our facility for full access to the most advanced machining equipment. Once finished, we conduct rigorous testing prior to shipment and installation to ensure peak performance at your facility. On-site training and installation are typically included for each upgrade. Contact DCI-Biolafitte for more information.

Site Fabrication and Field Service

We'll bring the highest skill levels and latest technology right to your site. Our team of experienced field specialists can fabricate any size tank up to 1,000,000 gallons and manage the entire project with our own heavy-duty construction equipment. We'll coordinate our project with your contractors so your existing plant operations and other construction programs can continue without any delay or interruption.