



ProPharma Group is an industry leader providing qualification, compliance and technical services to the pharmaceutical, biotechnology and medical device industries. **We focus on enabling our customers to improve their operations, revitalize their facilities, and maintain quality leadership in a challenging and changing regulatory environment.** We understand that our clients are driven by aggressive timelines and are comfortable working in such an environment while maintaining a strong integrity and commitment to compliance.

Commissioning and Qualification

ProPharma Group provides commissioning, qualification, validation and compliance consulting to the Life Sciences industry worldwide.

ProPharma Group has particular expertise in equipment commissioning and qualification, process validation and cleaning validation. Our services include validation project planning and management, commissioning and qualification protocol development and execution, auditing and training.

Altus Automation

Altus Automation is a premiere Control Systems Integrator. Altus Automation provides value-added engineering services focused on industrial control systems, manufacturing execution systems and plant automation. Their services include design of system solutions, selecting and reselling commercial-off-the-shelf hardware and software components, installing the design system, commissioning the system prior to production use and ongoing customer service and maintenance.

Computer System Validation Services

ProPharma Group provides computer validation and compliance consulting to the Life Sciences industry worldwide.

ProPharma Group's CSV group has particular expertise in automated control systems that incorporate shop floor control, batch processing, alarm management, ERP and SCADA. They are also well trained in SAP systems. Their services include specification development, validation and auditing of computerized systems.

Laboratory, Compliance and Technical Services (LCATS)

LCATS is a nationwide provider of microbiological and analytical testing services in support of validation and routine testing for clients in the pharmaceutical, biotechnical, medical device, dietary supplement and food manufacturing industries.

The analytical capabilities of our lab include Total Organic Carbon Testing (TOC), Endotoxin Testing (LAL), Total Microbial Count (Bioburden), Microbial Identification, pH/Conductivity, Growth Promotion, Biological Indicator Incubation and Microbial Limit Testing. Methods used to support cleaning validation studies and product or raw material release are validated in-house. LCATS also provides consulting services for Quality Systems, Compliance, environmental monitoring, cleaning validation and laboratory instrumentation validation.

Stratum Solutions

Stratum Solutions provides IT consulting and managed services for small to medium-sized companies.

Stratum Solutions provides four primary services:

- *Business Consulting* – business processes and management
- *Managed Services* – continuous monitoring of the health of IT infrastructure and managing growth
- *Outsourced IT* – an array of essential IT services on a flat rate subscription basis
- *Professional Services* – Network Design, Installation and Support and Business Solution Consulting, Installation and Support and Software Development

Novinity Software

Novinity Software is one of the pharmaceutical industries premier software development companies. Specifically created to address the FDA's Process Analytical Technology Initiative, the PAT toolkit™ provides a software platform that will allow the development of custom software to retrieve and analyze data from computerized and process control systems used in the manufacture and testing of pharmaceutical products.

Designed for regulated industries, OPC Agent connects to manufacturing or laboratory equipment to provide a software based chart recorder as well as robust alarm processing system. It can be used as a stand alone product or integrated into a large enterprise-class data collection system.



For a complete list of our Integrated Services, refer to our website at

WWW.PROPHARMAGROUP.COM

TOLL FREE: (888) 242-0559