



# Automation and Validation Group

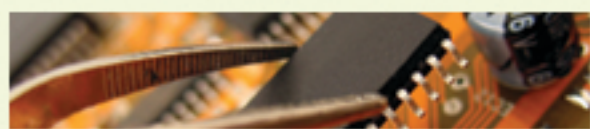
[www.automationandvalidation.com](http://www.automationandvalidation.com)



## Automation Systems

We have the experience and expertise needed to provide your company with either a turnkey or customized automation industrial solutions. Our diversified engineering team with highly skilled professionals is well suited to assess your prerequisites and to design well-engineered customized systems based on your key requirements. With more than 10 years of experience in this domain, we pride ourselves on our ability to meet your growing needs. We believe that customer retention depends on putting the client first and continually reinforcing their trust, project after project.

### Hardware Engineering



ADB Consulting Group has extensive experience developing engineering solutions that require integration of several types of commercial controllers which include RTUs, PLCs, PACs, radios and variable speed drives. Our hardware and system engineers are seamlessly integrate a wide variety of instrumentations into a cost-effective system solution. ADB's dynamic engineering experiences extend to various communication avenues and interfaces which include both analog and digital serial communication using RS232, USB, and SPI Communication equipment and LAN/WAN Communication using both Ethernet and wireless protocols.

ADB Consulting Group offers a broad spectrum of machine design services to help meet your needs. Our hardware engineering professionals use state-of-the-art software including advanced modeling programs such as AutoCAD, SolidWorks, and Pro Engineer to design and analyze your planned designs prior to manufacturing actual prototypes. This service saves you time and money and allows you to review the digital design representations and make changes before ordering the prototype assembly..

### Software Engineering



ADB Consulting Group is up to date with the latest software technologies and software systems. Whether you need assistance in engineering the right concept or you need a complete turnkey system, ADB Consulting is always there to guide you in both long term and short term projects. Our software engineers understand what it takes to develop an HMI design that is reliable, meets ergonomic standards and is safe.

PAC programming in standardized languages, reverse engineering of proprietary systems, Java, C++, LabVIEW, Visual Basic, C#, .Net, Python programming and SQL database design are just some of the knowledge areas ADB Consulting provides to develop a complete, maintainable system. Our engineers have worked in R&D, commercial, field, End of Line (EoL), quality control, and manufacturing.

### System Integration

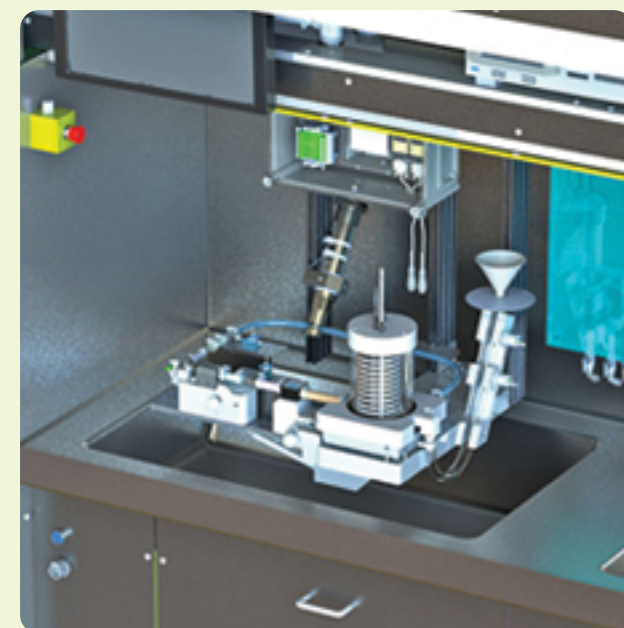


ADB Automation and Validation Group relieves you from the stresses of project implementation by taking full responsibility for the complete system, including hardware specifications, electro-mechanical and software installation, integration and testing, and documentation and training.

### Ongoing Support



ADB Consulting Group is committed to providing continued support for on-going operations of client systems whether or not we developed them. Our professionals can come in at the beginning, middle, or end of the development process. Retrofits and upgrades are other types of services we provide. If you're on an expedited schedule, take advantage of our readiness to work with you now. Contracting with ADB Consulting can result in lowering your fixed-labor costs, resulting in an



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