

## ■ **Ascolab GmbH**

Since almost 7 years ascolab's staff gained in-process know-how on all OPC specifications. The experience from hundreds of projects and the development of solutions and components for well-known automation supplier including uncountable consulting and advisory services, ascolab will also be a competent partner for you.

## ■ **OPC Certification**

As contractor of the OPC Foundation ascolab was put in charge of development and maintenance of the Compliance Test Tool (CTT). More than 4 years experience in the field of OPC certification and tool development for diagnosis and validation, including the continuous work in the OPC Compliance Workgroup, substantiate the unique know-how and quality of services. ascolab is one of the founding members of the Enhanced Certification Group and builds up one of the first independent certification- and test facilities.

## ■ **OPC Competence**

From the very first beginning ascolab pushed the UA Specification by being an active member and an editor in the UA working group. The development of OPC UA core components for the Foundation respectively some of their most important members, shows the faith in the excellent implementation work of ascolab. The implementation of the UA communication stack for cross platform usage i.e. for Embedded Devices, gives ascolab a lead ahead regarding technology and operating experience. When doing consulting and design of UA Server and Clients this important advantage could be yours.

## ■ **OPC UA Consulting & Development**

Consulting and advisory for integration and implementation, when incorporating UA technology into existing and new products, is a core competence of ascolab. Experienced System Architects and Software Developers support you during design and/or development of OPC based solutions. In our own test and evaluation laboratory we accomplish feasibility and compatibility studies, software tests and error analysis, system and code analysis and compliance tests. Contracted development for tools and components, even complex system structures; with ascolab you are always well advised.

## ■ **OPC UA Training**

With seminars and workshops in small groups, as well as combined trainings and consulting on site, targeted on your specific requirements, ascolab updates you onto the cutting-edge of technology. Understandingly lectured by experienced instructors, knowledge transferred from developer to developer, thus ascolab offers the suitable training for you: "UA Technology – Introduction", "UA Architecture and Implementation" and "UA Application and Operation" are the base courses, just choose yourself.

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