Most efficient engineering
for distributed systems

IEC 61499 + IEC 61131 + HMI + SCADA
+ simulation & test + documentation

Advance by efficiency

Advanced automation is asking for more flexible and adaptive systems with distributed intelligence and data consistency up to the cloud level (Industry 4.0 topics). The one creating a solution with reasonable efforts will take the lead.
nxtControl is supporting its customers to take the lead by helping them to master the increasing complexity of advanced automation and getting much more efficient in engineering.

Advance and efficiency by:

- One single engineering tool for all automation tasks
- Seamlessly integrated HMI / SCADA
- Automatically generated communication paths
- Object-oriented engineering with pre-fabricated software objects
- Simple solution for distributed control systems
- Common engineering of IEC 61499 & IEC 61131
- Hardware and topology-independent engineering

Most efficient engineering
of distributed control systems

nxtControl GmbH
Aumühlweg 3/B1
2544 Leobersdorf
AUSTRIA

Phone: +43 2256 62703
info@nxtcontrol.com
www.nxtcontrol.com
One single engineering tool integrating seamlessly all automation tasks

Engineering efforts are increasing quickly in modern applications. Distributed control topologies, more visualisation and a greater reliance on data are pushing towards this. The solution is an engineering tool to integrate all automation tasks seamlessly.

The engineering tool nxtSTUDIO offers the most efficient engineering of distributed systems. Using nxtSTUDIO, engineers can build their applications quickly and with consistent quality. Additional cost savings are created by separating the lifecycles of hardware and software.

The following automation tasks can be built with the nxtSTUDIO:

- The distributed control logic [IEC 61499 / IEC 61131]
- Valuable visualisation HMI/SCADA without additional servers
- I/O connection by simple drag-&-drop
- Automatically built documentation of entire plants
- Automatically generated communication paths
- Test, simulation, diagnosis and commissioning

Products for advanced automation

- nxtSTUDIO > engineering tool to develop the control logic (IEC61499 & IEC61131), visualisation HMI SCADA, I/O connection,test, simulation, activation, and documentation
- nxtLIB > libraries with pre-fabricated software objects representing real devices and control components
- nxtHMI/SCADA > runtime systems for visualisation clients and host computers
- nxtIECRT > IEC 61499 runtime systems and IEC 61499 & IEC 61131 hybrid runtime systems
- nxtSERVICE > Services for customer specific development, porting, training and consulting

Faster time to market

nxtControls automation software is a synthesis of different technologies. It is one single engineering tool for the user to implement and manage all his projects.

Automation software with such approved advantages is differentiating itself significantly from others. The opportunity of a significant differentiation and favourable positioning is attracting many manufacturers of control components.

nxtControl supports its OEM customers to reduce their time-to-market. Everyone can choose which way to go, to bring a differentiated product quickly to the market.