Company Profile

www.A3T.de
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About A3T

**A3T** is a Trading, Electromechanical Engineering and Contracting Company, since starting its activities in 1997, A3T has placed a great emphasis on Development and Design of Turn Key Installation for various applications and projects in the Industry and Utilities sectors.

**A3T** carried its activities, which included Manufacturing, Installing and Start-up, within three main lines:

- Supplying the essential Electro-Mechanical Machinery and Equipment for the Process Industry and Utilities.
- Concentrating on Plant Automation and Electrical Installations for both Process Control and Utility plants.
- Providing turnkey SCADA and Control Systems applicable to large-scale Infrastructure Enterprises and Utilities.

**Mission**

We deliver innovative automation and control solutions according to the global standards.

**Values**

Quality, Innovation and Credibility
Our Partners

SIEMENS

Schneider Electric

Rittal

Weidmüller

PHOENIX CONTACT

LAPP KABEL
Our Key Industries

- Food & Beverage
- Mining & Cement
- Water & Wastewater
- Agriculture & Irrigation
- Oil & Gas
Food & Beverage

Automation and control System allowing the food & beverage industries to improve productivity and profitability.

We are therefore the perfect partner for all companies operating in the “Food & Beverage” sector which want to promote their performance and quality.

- Control system (PLC)
- Monitoring and visualization (HMI, SCADA).
- Quality control (Image processing).
Our solutions focusing on Maximizing production and profit and minimizing Costs the efforts.

- Control System: DCS and PLC.
- Monitoring and Visualization (HMI, SCADA).
- Industrial Communications including wireless systems.
We provide control and operational solutions for Water and Wastewater treatment plants:

- PLC control system.
- Monitoring system:
  - SCADA for complete graphical control and monitoring of the process
  - Real time data gathering, displaying, archiving, reporting, and operation points setting for the plant.
Agriculture & Irrigation

The new agriculture and irrigation system require innovative control and monitoring solutions to be more effective.

- Full control system (PLC).
- Monitoring system (Scada).
- Wireless communication systems.
Our solutions for Oil & Gas industry:

- Control Systems (DCS, PLC).
- Monitoring systems (Scada, HMI).
- Tank Gauging and Inventory Management.
Control System for Industrial Machines

We are designing, programing and implementing control, monitoring and visualization system for all industrial machines.
Spare Parts supplying

Providing all spare parts from all brands (Siemens, Schneider Electric, Phoenix Contact, Weidmuller, Rittal, ABB, Endress+Hauser, KROHNE, Omron, WIKA, etc ...) with competitive prices.
Clients and References

ERFTVERBAND (Germany)
Control and monitoring System with Simatic PLC for the Wastewater Treatment Plant, process control system PVSS

NIERSVERBAND (Germany)
Control and monitoring System with Simatic PLC for the Wastewater Treatment Plant, process control system Repas-AEG

GHH Fahrzeuge (Germany)
Automobile automation with Inter Control System.

SONY CENTER BERLIN (Germany)
Commissioning building control system from Honeywell.

TSMC (Taiwan)
Control system for water treatment with Allen-Bradley Controllogix.

EMEKCIIOGLU (Turkey)
Development a machine for sorting stones in salt using image processing.

ALZ (Belgium)
Programming and commissioning the conveyor and dosing system for steel industry with S7-300
Takreer (UAE)
Automation and visualization system for coke drum unheading Valves

SAINT-GOBAIN GLASS (Germany)
Hardware documentation on CAD system EPLAN.

OWENS CORNING (Netherlands)
Project management, programming and commissioning of a glass sheet manufacturing plant with S7-400.

BRÖKELMANN & CO. (Germany)
Programming and commissioning for the oil extraction plant with S7-400 and full process visualization for all stages.

CHINA STEEL (Taiwan)
Supervisor and commissioning conveyor system.

PowerWind (Germany)
Hardware planning with Eplan wind turbines.

MADAR INDUSTRIES (Syria)
Hardware planning and programming for aluminum coating strips with S7-300 and MP / TP 270/170 MicroMaster.

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• PLC control system.
• Monitoring system:
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<td>SMS SIEMAG (Germany)</td>
<td>Programming, visualization and commissioning for aluminum casting plant and rolling mills.</td>
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<td>OERLIKON LEYBOLD (Germany)</td>
<td>Programming and commissioning of vacuum systems.</td>
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<td>ThyssenKrupp Presta Steering (Germany)</td>
<td>Programming and Commissioning DMC Camera-PLC-BDE TCP-Interface.</td>
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<td>ZF Lenksysteme (Germany)</td>
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<td>MEIER SOLAR SOLUTIONS (Germany)</td>
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<td>Humintech (Germany)</td>
<td>Control and visualization system for the soil improvement materials plant.</td>
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