Az Automation Solutions - Capability Statement

Industrial Control Systems / SCADA / IoT / Industry 4.0

1. Control architecture: Siemens SIMATIC S7-1200 / S7-1500, TIA Portal, PROFINET networks, safety interlocks, FAT / SAT commissioning.
2. SCADA & HMI: Ignition Perspective, FactoryTalk View SE, WinCC; ISA-101 High-Performance HMI design language.
3. Connectivity: OPC UA, MQTT / Sparkplug B, edge gateways, SQL historians, ERP / MES / CMMS integration.
4. Process control: PID tuning, batch sequencing, alarm rationalization.
5. Analytics: OEE, downtime Pareto, energy per unit, reporting.

Delivery loop: Assess -> Architect -> Build & Test -> Commission.

Industries: water, cement, food & beverage, energy, manufacturing.