



TECHNICAL SOLUTIONS
industrial technology

Technical Solutions

Industrial Technology & Infrastructure Solutions

Engineering • Procurement • Systems Integration • Lifecycle Support

From technical requirements to reliable operating systems.



Power & Energy



SCADA & IIoT



Solar & Renewables



Laboratories



Training Centers



Enterprise IT



Water Infrastructure



One Coordinated Engineering Partner

More than equipment supply.
More than installation. A complete
technical delivery model.

Technical Solutions combines
engineering design, procurement,
field execution, commissioning,
training and lifecycle support into
one accountable operating model.



Our Operating Model



Assess

Requirements, site
conditions and risks



Engineer

Architecture,
components,
protection and
data flow



Deliver

Procurement,
installation,
integration and
testing



Support

Training,
maintenance,
spares and
upgrades



Engineering first. Products second. Reliable systems always.



Enterprise Solution Portfolio

Seven solution domains. One delivery model.

Each domain can stand alone, but the real value appears when multiple disciplines are combined into one coordinated project.



Monitoring, Control & IIoT

SCADA, telemetry, dashboards and alarms



Power Quality & Electrical Engineering

Analysis, stability, protection, VSD and UPS



Solar & Renewable Energy

PV EPC, grid integration, storage and O&M



Laboratory & Scientific

Design, instruments, utilities and digital systems



Polytechnical Training & Educational

Engineering labs, curriculum and train-the-trainer



Enterprise IT & Digital Transformation

ERP, cybersecurity, infrastructure and GIS



Water & Wastewater

Packaged treatment, pumping, monitoring and O&M



One technical partner. Multiple disciplines. Unified accountability.



TS Industrial Intelligence Platform

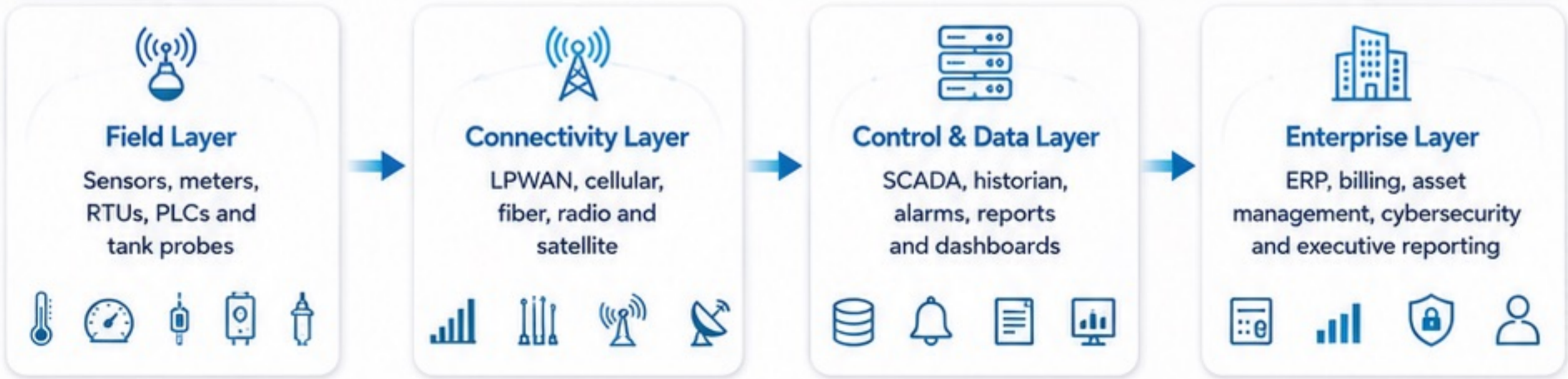
Integrated SCADA, IIoT & Wide-Area Monitoring Solutions

From field data to operational intelligence

ERP Integration, Cybersecurity & Lifecycle Support as Complementary Services



Platform Architecture



Industry Solutions





Power, Energy & Renewable Infrastructure



Reliable power. Renewable assets. Protected operations.

Power is not only an electrical supply. For critical infrastructure, it is an operational system that must be measured, stabilized, protected, controlled and supported.



Power Quality & Electrical Engineering



Audits, harmonics, reactive power, voltage stability, grounding and protection



Power Infrastructure



Transformers, MV / LV distribution, switchgear, VSD / VFD, UPS and critical power



Solar & Renewable Energy



PV EPC, hybrid energy, storage, solar pumping, monitoring and O&M



Reliability



Efficiency



Protection



Control



Laboratories, Training & Knowledge Transfer

From equipment supply to operational capability.

Technical Solutions delivers laboratories and training environments as complete operating systems: rooms, utilities, instruments, workflows, documentation, training and lifecycle support working together.



Laboratory & Scientific Solutions

Turnkey labs, furniture, instruments, utilities, safety systems, LIMS, calibration and validation



LAB DESIGN & FURNITURE



INSTRUMENTS & ANALYSIS



SAFETY & UTILITIES



LIMS & DIGITAL SYSTEMS



Polytechnical Training & Educational Solutions

Power systems, process control, PLCs, renewable energy, engines, fluid mechanics and curriculum alignment



POWER SYSTEMS



PROCESS CONTROL & PLCs



RENEWABLE ENERGY



ENGINES & FLUID MECHANICS

KNOWLEDGE TRANSFER



USER TRAINING



INSTRUCTOR PREPARATION



DOCUMENTATION



MAINTENANCE PLANNING



OPERATIONAL HANDOVER



Equipment creates a facility. Training creates capability.



TECHNICAL SOLUTIONS
industrial technology

Built for Long-Term Operation

Digital systems, water infrastructure and lifecycle support connected into one delivery path.



Enterprise IT & Digital Transformation

ERP, custom applications, cybersecurity, records digitization, GIS, infrastructure, backup and disaster recovery



Water & Wastewater Solutions

Packaged treatment, decentralized systems, pumping, monitoring, rehabilitation, O&M and operator training



Lifecycle Support

Consultation, scoping, engineering, procurement, implementation, commissioning, training and maintenance



Delivery roadmap



Consult



Scope



Engineer



Procure



Implement



Commission



Train



Support



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Run a smoother technical program
with one coordinated delivery partner.