PROTASIS
engineering & consulting
with power, we perform

Engineering & Consulting Solutions for reliable, safe & future-ready Industrial Power Systems

Enhance operational reliability, strengthen electrical infrastructure, and improve asset performance with PROTASIS as your trusted engineering partner

Engineering Excellence Across the Industrial Power System Lifecycle

Reliable electrical infrastructure is fundamental to the safe, efficient and continuous operation of Industrial and Oil & Gas facilities. As power systems become increasingly complex, ensuring operational continuity, system resilience, and regulatory compliance requires an integrated engineering approach.

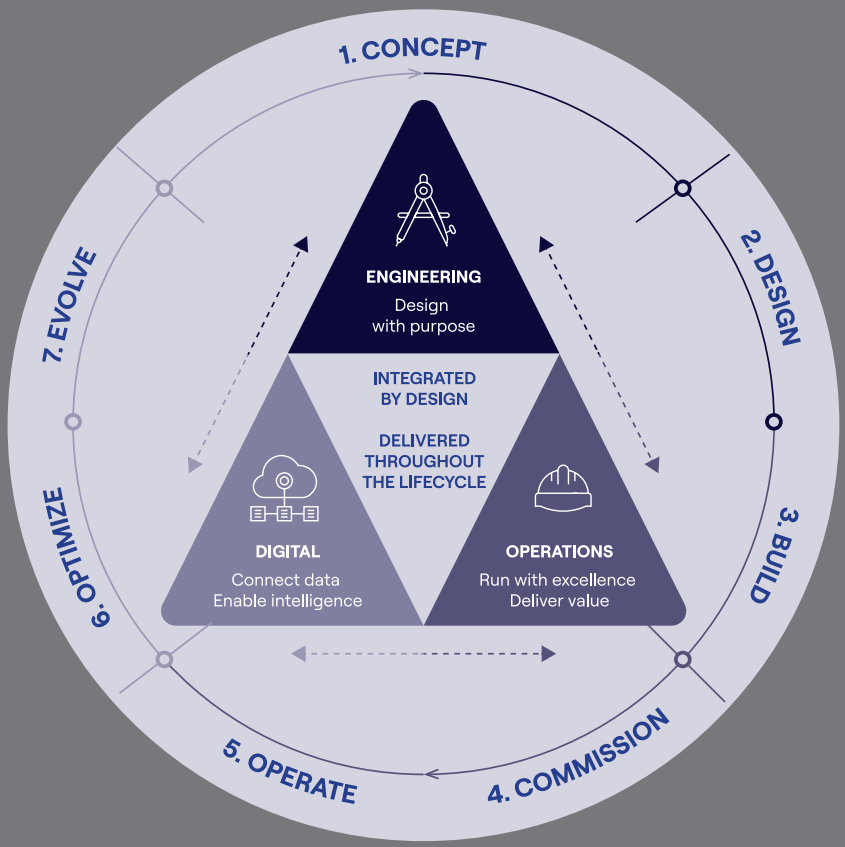
Through the combination of engineering studies, protection technologies, automation systems, and digital intelligence, PROTASIS provides a comprehensive approach to the design, operation, and optimization of industrial power systems.

Our Value Proposition

- Maximized system reliability and operational uptime
- Enhanced safety through advanced protection and risk mitigation
- Optimized energy performance and operational efficiency
- Integrated engineering from design to long-term operation
- Vendor-independent and scalable solutions
- Compliance with international standards and industry regulations

Why PROTASIS

- 20+ years of experience in complex power systems
- International footprint across multiple industries and geographies
- Strong expertise in mission-critical infrastructure
- Multidisciplinary engineering & integration capability
- Lifecycle support from studies to operational optimization
- Independent engineering approach based on best-in-class technologies



PROTASIS, and its operations, are certified according to the latest applicable international standards, regarding the respective Management Systems

ISO 9001 : 2015 ISO 14001 : 2015 ISO 37001 : 2017 ISO 45001 : 2018 ISO 27001 : 2022

Integrated Power & Automation Solutions for Mission-Critical Infrastructure

PROTASIS combines advanced electrical engineering, protection technologies, automation systems and digital intelligence to support industrial operators across the lifecycle of their electrical infrastructure. From power system studies and system design to commissioning, modernization and long-term operational support, we deliver integrated solutions that enhance reliability, operational efficiency and asset performance.

Discover our comprehensive portfolio of mission-critical power and automation solutions tailored to Industrial and Oil & Gas facilities.

1. Studies & Engineering

- Static Security Assessment
- Dynamic Stability Analysis
- Protection Coordination Studies
- Arc Flash Risk Assessment
- Event Analysis
- Electromagnetic Transient Analysis
- Power Quality Measurements & Studies
- HV & MV Substation and Network Design
- Grounding Studies

2. Protection & Control

- Protection & Automation Systems Audit
- Digital Protection & Control Systems (DPCS)
- Power Plant Controllers (PPC)
- Power Management Systems (PMS)
- Protection Relays Retrofit & Upgrades

3. Digital Intelligence

- Internal Network SCADA and Data Management
- Energy Management Systems (EMS) for Hybrid Energy Systems
- Advanced Metering Infrastructure (AMI)
- EV's Charging Point Management Systems
- Real-time Simulation Testing

4. Lifecycle Services

- Full-Service Support Agreement for the Protection & Control Systems
- Substation Equipment Testing & Commissioning
- Power System Expansion & Modernization
- OT Cybersecurity Assessments & Audit
- Consulting on RES Integration & Storage
- Energy Efficiency Analysis & Consulting

Reliability

Enhance system reliability and asset availability

Safety

Protect people, assets and the environment

Efficiency

Improve operational efficiency and productivity

Compliance

Meet standards and regulatory requirements

Sustainability

Build resilient and future-ready systems

Technology Ecosystem

We combine proven technologies from leading industry partners with our engineering expertise to deliver integrated, future-ready solutions.

DIgSILENT — Power System Software and Engineering

SEL — Schweitzer Engineering Laboratories (SEL)

zenon by COPA-DATA — COPA-DATA (zenon Energy Edition)

RTDS Technologies — AMETEK — RTDS Technologies (real-time power system simulation)

greenflux — EV Charging Software Partner

Your Trusted Partner for Mission-Critical Electrical Infrastructure

Partnering with PROTASIS means gaining an experienced engineering and technology partner committed to the reliability, safety and long-term performance of your electrical infrastructure

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