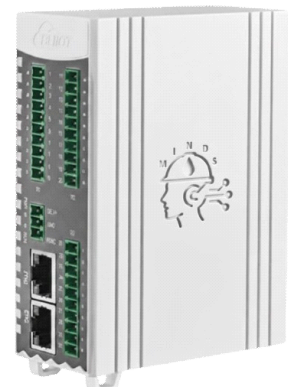


Our approach combines technical expertise, specialized methodologies, and a robust technological architecture, enabling us to implement scalable and efficient solutions in complex and highly demanding environments, generating sustainable value and competitive advantages.



At Techno Sky, we transform the way industries operate. Our IIoT platform enables real-time asset monitoring, data integration, and failure anticipation, reducing costs and increasing efficiency. We support our clients throughout their digital transformation process, generating measurable and sustainable results.

Data that connects,
Decisions that transform

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IIoT SOLUTIONS

ADVANCED INDUSTRIAL TECHNOLOGY

The comprehensive operational management platform for the Oil & Gas sector with data capture, transmission and analysis



Our vision is to become the digital nervous system of the industry, where every asset, piece of data, and decision is connected.

About Us

Techno Sky is a technology company specializing in IIoT solutions for asset management and monitoring in industrial environments, with a particular focus on the oil and gas sector. Through a comprehensive platform based on modular architecture and PaaS services, we capture, transmit, and analyze operational data in real time, enabling 24/7 automated monitoring, integration of multiple data sources, and high system availability.

Industrial Internet of Things (IIoT)

Industrial IoT is the intelligent interconnection of physical assets such as machines, sensors, and PLCs. It uses cloud technologies and real-time data analytics to optimize operations, improve efficiency, and enable predictive maintenance in high-risk environments.

Services

Our solutions transform data into strategic information using advanced analytics tools, visualization and intelligent models, allowing you to anticipate failures, optimize operations and improve decision-making based on key performance indicators (KPIs).

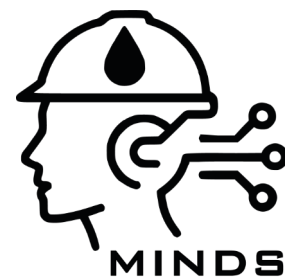


We accompany our clients throughout the entire digital transformation process, from the design to the operation of solutions, integrating technologies such as edge computing, artificial intelligence, digital twins and interoperability with industrial systems (SCADA).

Value Proposition

Techno Sky helps industrial companies improve their profitability through IIoT solutions that turn operational data into strategic decisions in real time.

- **MINDS VIEW** → Operational Control Center. Unified interface for decision-making. Accelerates digital adoption and reduces the learning curve, transforming complex data into clear and timely operational decisions.
- **MINDS FLOW** → Central Event Nerve. Intelligent orchestration of information in motion. Eliminates data communication bottlenecks, enabling immediate responses to anomalies and ensuring that critical information is always available.
- **MINDS INSIGHT** → Applied Business Intelligence. Transforming data into actionable knowledge. Empowering business teams to optimize costs, plan maintenance, and make decisions based on measurable evidence.
- **MINDS COREDB** → Business Model. Structured management of critical business information. Provides confidence in data quality, facilitating regulatory compliance and governance in highly regulated environments.
- **MINDS LAKE** → Strategic Data Repository. Scalable storage for historical and raw data. Enables forensic analysis, AI training, and preservation of operational knowledge without artificial storage limits.
- **MINDS EDGE** → Intelligence at the Source. Autonomous processing close to the physical asset. Maximizes operational continuity in remote locations and reduces transmission costs, bringing agility and autonomy to the network edge.
- **MINDS CONNECT** → Reliable Asset Connectivity. Secure telemetry ingestion from the field. Connects the physical world to the digital platform without losing visibility, ensuring no critical signal is lost along the way.
- **MINDS PULSE** → Proactive Observability. Comprehensive operational health monitoring. Transforms reactive management into proactive management, protecting SLAs, reducing downtime, and optimizing support resources.
- **MINDS CHRONOS** → Temporary Operational Memory. Historical record of signals and events with timestamps. Enables time-accurate predictive maintenance, process optimization, and root cause analysis without compromising performance.
- **MINDS FIELDBRIDGE** → Bridge between OT and IT worlds. Seamless integration with existing industrial systems. Protects past investments while enabling advanced digital capabilities, accelerating transformation with secure and frictionless migrations.
- **MINDS FUSION** → Unified Access to Information. Centralized query of distributed data. Reduces analysis times, enables cross-functional decisions (operations + business + maintenance) and democratizes access to reliable data.
- **MINDS ORCHESTRATOR** → Automation of Critical Processes. Governed execution of industrial workflows. Standardizes operations, reduces manual errors, accelerates decision cycles, and ensures compliance in highly critical processes.
- **MINDS LEDGER** → Immutable Event Traceability. Auditable record of every change and decision. Provides complete transparency regarding the "what, when, and why" of actions, essential for audits, continuous improvement, and operational confidence.
- **MINDS TWIN** → Digital Representation of Physical Assets. A virtual model synchronized with operational reality. It allows for testing changes, predicting behavior, and extending the useful life of critical assets with minimal operational risk.
- **MINDS RELAY** → Intelligent Information Distribution. Contextualized delivery of alerts and reports. Closes the loop between data and decision, ensuring that critical alerts are not missed and that teams act promptly.
- **MINDS COGNICORE** → Intelligent Operational Support. Cognitive enhancement of processes and users. Democratizes access to advanced analytics, reduces dependence on senior experts, and accelerates incident diagnosis and resolution.
- **MINDS FLUX** → Real-Time Stream Processing. Continuous transformation of moving data. Converts raw telemetry into actionable signals instantly, enabling proactive operation and dynamic process optimization.
- **MINDS TAYLOR** → Industry-Specific Business Logic. Customized operational intelligence for each sector. Delivers differentiated value from day one, accelerating ROI and aligning the solution with each organization's specific business rules and regulations.



It's not just a collection of tools, but a real-time decision-making ecosystem.



WE DELIVER TECHNOLOGY WITH PURPOSE

Sustainable results for industries that cannot afford to fail

General Architecture

