PROZEK

prozek

Smart Log Analysis Platform for IoT and Unmanned Systems

→ Prozek enables **correlation, post-operation analysis, and performance evaluation** across heterogeneous IoT and unmanned platforms by **organizing fragmented mission and system data** into a consistent operational context.

TRADITIONAL SYSTEMS	PROZEK
Disconnected local records	Central data center
Manufacturer-specific formats	Heterogeneous product compatibility
Temporary real-time monitoring	Long-term operational memory
Manual investigation	Automated correlation & analysis
Isolated mission records	Multi-mission comparison

Why Prozek ?

Turning Noise Into Value

Prozek collects operational logs that are often ignored or fragmented across products and transforms them into usable and analysable operational data.

Institutional Operational Memory

Prozek builds a persistent log repository that enables long-term historical comparison, trend analysis, and knowledge accumulation across operations.

One Platform For All Products

Prozek unifies the data of different vendors, products, and devices, allowing you to easily add and track any new product and monitor and compare performance through a single, clear interface.

Advanced Behavioral Analytics

Prozek detects hidden patterns and anomalies missed by manual inspection. It analyses historical data to identify the exact conditions and factors that led to specific system behaviors or failures.

USE CASES

OPERATIONAL QUESTIONS	HOW PROZEK HELPS
When did the problem start?	Identifies the first occurrence across all past missions.
How effective was the mission?	Provides an automated report on performance and health.
Is this a recurring problem?	Detects if the issue is a one-time event or a trend.
What changed before the problem?	Traces system and environment changes to help identify the root cause.

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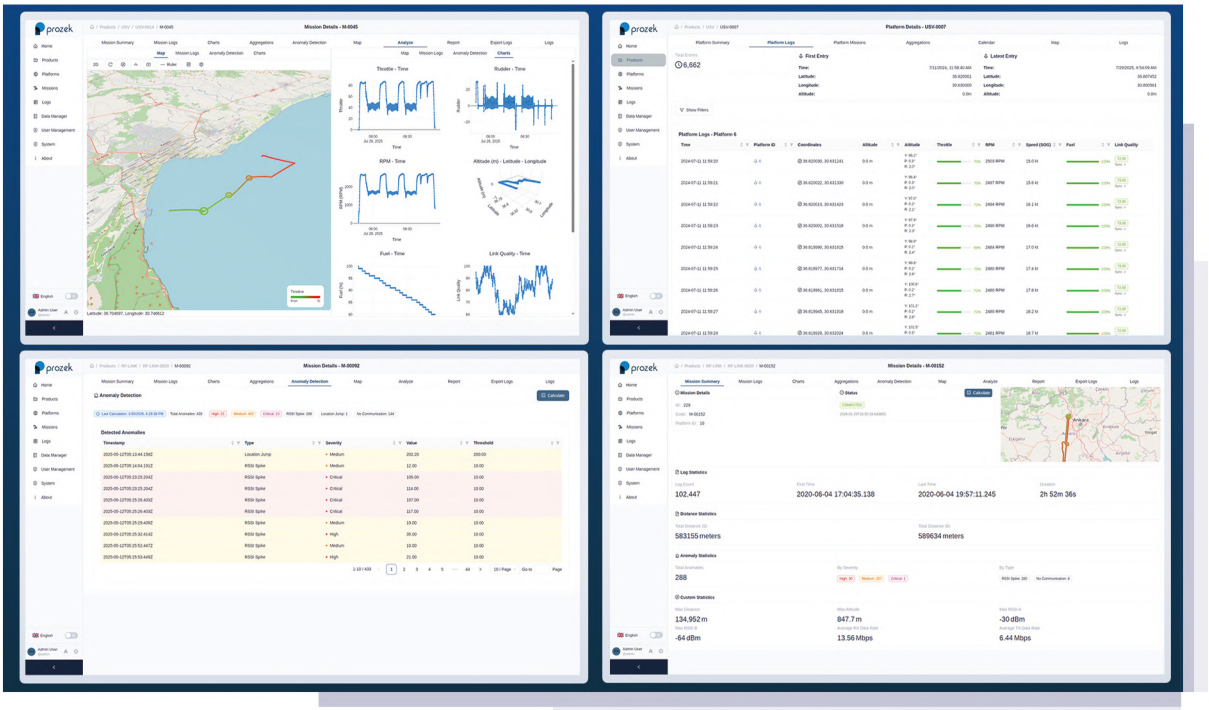

→ Prozek structures data from system models down to individual units and their operations

Product >> A vehicle or system model.

Platform >> A single physical unit, tracked by a unique ID.

Mission >> One operation within a set time and location.

Operational Flow

COLLECT	Gather all logs from vehicles, devices and stations
ORGANIZE	Convert different formats into a standard view
CORRELATE	Connect events across different missions and platforms
ANALYSE	Detect recurring patterns, performance trends, and anomalies
OPTIMIZE	Use real data to improve your future operations

Features

What Prozek Does

- Collects and standardizes logs from different products in a single data store.
- Associates logs and telemetry with mission context.
- Detects anomalies across multiple sensors and tracks performance degradation over time.
- Integrates new products and platforms rapidly.
- Operates reliably in disconnected or air-gapped environments.

How You Use Prozek

- Access Prozek through a multi-device web interface for all user roles.
- Search and filter data by time, mission, platform, product, or event parameters.
- Review missions using calendar based views, interactive maps, and timelines.
- Reorganize and re-analyse existing datasets for continuous insight.
- Analyse behavior through multi sensor telemetry charts across missions.

What You Get

- Fact-based evidence to support human decision-making.
- Automated reports in PDF, Excel, or Word.
- Data sovereignty through on-premise deployment.
- Permanent memory of all mission history.
- Compares platform performance across missions

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