kerberos

KET-BRZ-012

BRONZE level technical service

- **Maximum data security**
- **Hosting on Microsoft European datacentres**
- **Simplified integration**
- **Energy efficiency and sustainability**

BRONZE is the entry-level technical support package from Kerberos, offering **professional database management** and access to the **X-Server platform**—a secure, high-performance solution for collecting, storing, and accessing data from energy and environmental systems. The X-Server platform consolidates field device data (from sensors, inverters, meters, BMS systems, etc.) into a centralized, cloud-based repository. All data is hosted in **Microsoft-managed European data centers**, ensuring **GDPR compliance**, robust security, and long-term availability.
Customers can retrieve their plant data via a **dedicated, secure API** connection, enabling real-time, unified access across all monitored sites.
Advanced **AI-powered functionalities** are integrated to enhance performance analysis and maintenance workflows:

- **Dynamic energy signature** for benchmarking system performance under real-world conditions.
- **Integrated diagnostics** to detect anomalies or performance drops early.
- **Predictive maintenance** capabilities to prevent failures and optimize field operations.

Key Features

- **Secure cloud storage** of energy and environmental system data.
- **Protected API access**, enabling safe and real-time data retrieval.
- **Database cost included** in the service—no hidden fees.
- **X-Server platform access** with real-time dashboards and customizable visualizations.
- **AI-powered algorithms** for analytics, diagnostics, and predictive maintenance.
- **Hosting in Microsoft European data centers**, with high energy efficiency and certified cybersecurity.

BRONZE Service Benefits

- **Maximum data security**: data is encrypted, API-protected, and hosted in GDPR-compliant European data centers.
- **Energy efficiency and sustainability**: the infrastructure is powered by renewable energy and optimized for minimal carbon impact.
- **Simplified integration**: a single access point for all plant data, ideal for reports, analytics, and integration with external platforms.
- **Quick deployment**: no on-site setup or configuration required.
- **Scalable and reliable**: suited for both small installations and large-scale, multi-site systems.

Typical Applications

- Monitoring of photovoltaic, wind, hydroelectric, and cogeneration systems.
- Supervision of BMS in residential, commercial, and industrial buildings.
- Data collection for energy audits, performance analysis, and efficiency optimization.
- Green energy projects aligned with **Energy Transition 5.0**, smart city development, and industrial digitalization.