GRAFLUX

DATA VISUALIZATION, STORAGE & ANALYZING SERVICE

Data visualization, storage & analyzing service

Graflux is a data visualization service for easy and user-friendly presentation of data collected and processed from Safibra's monitoring systems. Moreover, it ensures data storage, creation and exploring of dashboards and their further sharing with your colleagues for fast data interpretation exactly according to your needs.

Data visualization

Fast and flexible visualizations with the number of options allowing you intuitive manipulation of your data and access to them.

Easy collaboration

Your data and dashboards can be shared easily across your team just by providing access rights to users.

High-performance DB

Service uses a specifically designed database for real-time querying allowing to handle a big amount of data.

TOOLS USED IN A SERVICE

Grafana

An open source analytic platform allowing you to query, visualize, alert and understand all metrics, no matter where they are stored.

InfluxDB

A database optimized for fast and high-availability storage and retrieval of time series data in fields such as operations monitoring, application metrics, sensor data, and real-time analytics.

20+ YEARS

KEY SERVICE FEATURES & BENEFITS

Various data storages

Your data can be stored at a local machine, virtual hardware or in a cloud to provide you with the best and fastest access to your metrics.

Scalability

The Graflux service charge is a monthly fee calculated according to the amount of data, project size and its duration. There is no need for any investments into special machines for short term projects.

Alerting

Alert rules and notifications can be simply defined for your most important metrics. Furthermore, they are independent of thresholds and alarms set in the SigProc software used for data processing.

Dashboards

Your project dashboards can be running all together at one platform and be easily accessible online, whenever and wherever you need it.

Extensions

The Graflux provides access to your metrics using several default graphs and other graphic elements. Additional extensions can be easily provided based on your specific demands.

Graphs

Your metrics can be dynamically visualized in graphs for fast and easy analyses, such as comparison of selected sensors data over a given time period.

PROJECT REQUIREMENTS

GRAFLUX

SERVICE TYPES

The Graflux service packages are avaiable according to your project scale, data storage demands, data storage interval, history availability and support needs. The package size isn't limited and is always customized to your requirements.

SUPPORT PACKAGE

Basic package for the first introduction to the Graflux service. It is suitable for **short-term and small-scale monitoring projects** without any special demands on data history availability, connectivity and support.
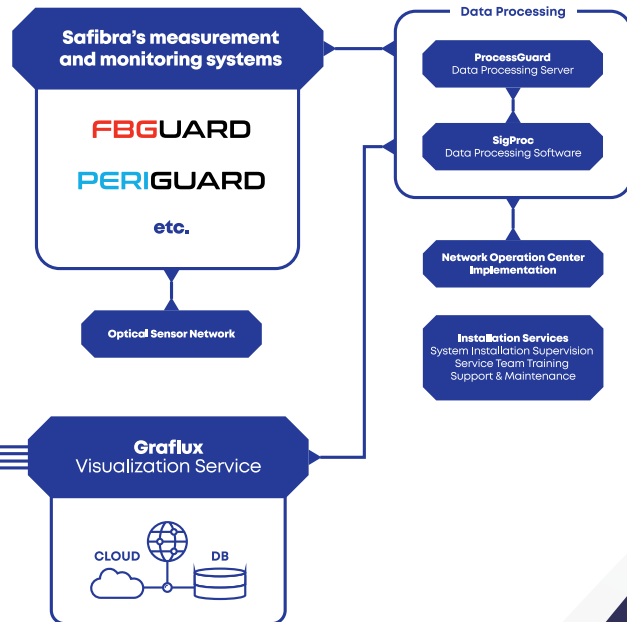
INITIAL PACKAGE

Standard package for **medium-scale monitoring projects**, which require not only counting data from up to several tens of sensors, but have also special demands on data history availability, connectivity and support.

UNIVERSAL PACKAGE

The most powerful package for **long-term and large-scale monitoring projects**, which require not only counting data from up to several hundreds of sensors and cloud DBs, but have also special demands on data history availability, connectivity and support.

Safibra's measurement and monitoring systems

FBGUARD

PERIGUARD

etc.

Optical Sensor Network

Data Processing

ProcessGuard
Data Processing Server

SigProc
Data Processing Software

Network Operation Center Implementation

Installation Services
System Installation Supervision
Service Team Training
Support & Maintenance

Graflux
Visualization Service

CLOUD   DB

GET IN TOUCH WITH US

and we will recommend you the most suitable solution for your project.

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20+
YEARS