LORIOT

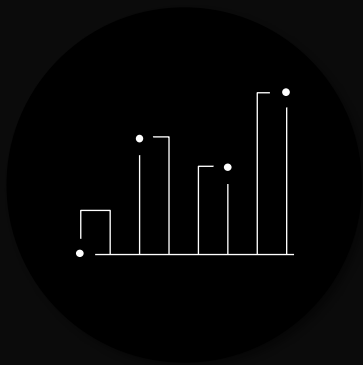# Log Analyser

Your LoRaWAN Network at a glance

The LORIOT Log Analyser provides the capability to monitor and visualize all log and event data in a centralized platform which is built using powerful tools specifically built for this purpose.

Delivered with several pre-configured dashboards, filters and searches, there are multiple possibilities to use this data to build additional custom layers to gain valuable business and technical insights which can be acted upon.

Based on the Elastic Stack, the LORIOT Log Analyser is a powerful tool to monitor, improve and optimize servers and generate new commercial insights which can be acted upon. Key features that enable server operators to easily and effectively extract the most useful information for technical and business insights are:

HISTORICAL AND REAL-TIME DATA

The data store in the ElasticSearch-based database is able to retrieve past logs and events or visualise them as they happen, as soon as any event or log is registered it will be instantly available in the database.

DATA PARSING AND ENRICHMENT

The Logstash component of the Log Analyse provides the ability to enrich the logs and events with useful metadata in order to give them valuable context. At the same time, it will parse the logs and events to extract the relevant data and introduce them in the database.

RESTFUL API AND JSON COMPLIANT

The available REST-based API allows server operators to automate the process and access the information programmatically, using JSON structures for visually simple and readable data interchange.
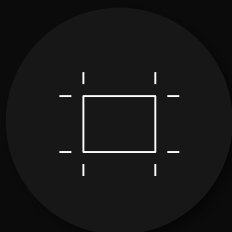
PRE-BUILT DASHBOARDS

In order to accommodate the server operator and provide quick access to valuable functions, the Log Analyser comes with a series of preconfigured Kibana dashboards.

- Network Deployment Size
- Live Network Overview
- Live Traffic Overview
- Device Insight
- User Activity
- API Overview

sales@loriot.io

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