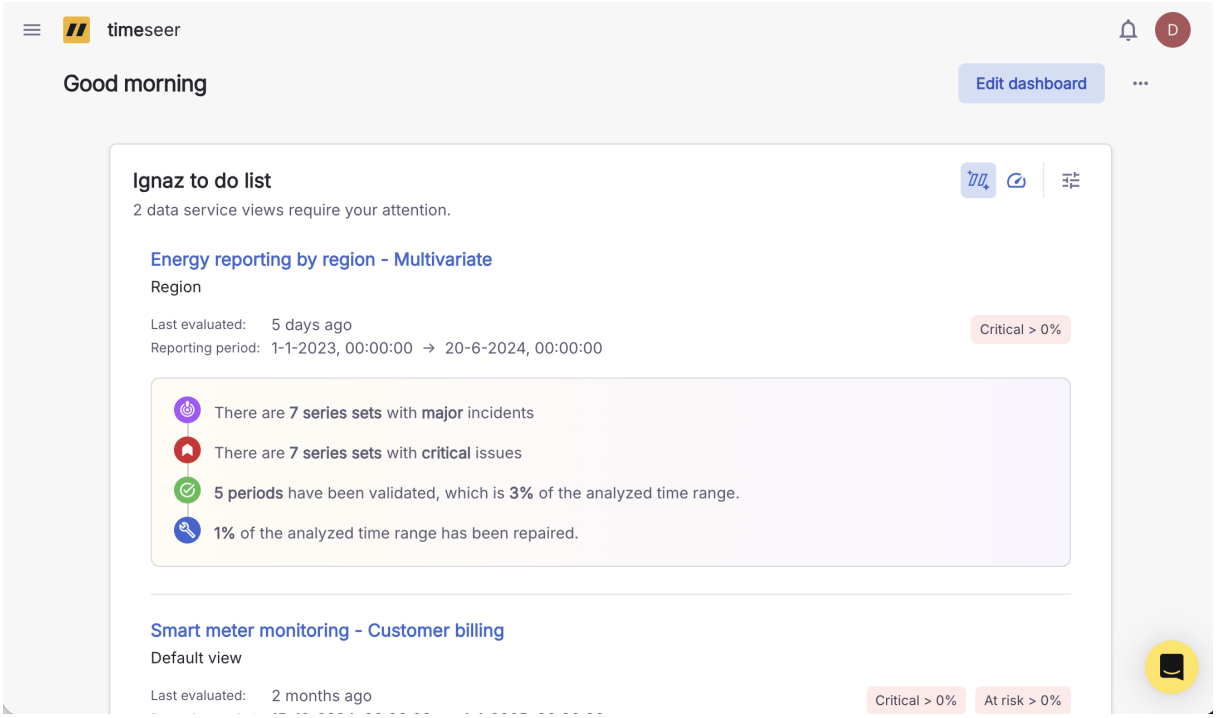
Product factsheet

Industrial Data Validation Platform

Software solution



Description

Timeseer was founded in 2020, and since then, we have been working on the development of software to validate time series (sensor) data.

We apply 100+ modules, based upon conventional statistics and AI to identify errors in time series data, eg spikes, stale data, drift, conversion errors, etc. In water-specific use case we define which checks are relevant for the purpose of the data.

We add value by 1) reduction of data preparation time, 2) increase the quality of reports/digital twins/dashboards and analytics, and 3) enable efficient management of sensors.

We can handle hundreds of thousands of parameters in parallel, at high performance on common virtual machines. All human interactions in the software are logged to enable audits and to tailor the algorithms to the local situations.

D E V E L O P M E N T

Target audience

Water utilities, sensor suppliers, suppliers of analytics and digital twins

Actors, their roles and interactions

We provide our software to different stakeholders in the water sector. Water utilities and industires as end-users, sensor providers and consultants/experts in data driven solutions for end-users.

Software data

- Initial release: 2021
- Operating environments:
  - SaaS - Web application
- License type: Commercial
- License: Start, including 1000 tags. Scale, including 5000 tags. Enterprise for large number of tags.

URL

http://water.timeseer.ai

Technology applied by the product

- **Data quality evaluation**

Related tags

Digital Monitoring System | Real-Time Data Monitoring | Digital Monitoring Tools | dashboards | DSS | smart meters | Digital Water Monitoring | Real-Time Water Monitoring Systems | Hydraulic Simulation | data validation | Data quality | Early Warning System | Smart Equalization | Digital Twin | Data analysis | Smart Water Solutions | Real time monitoring | smart metering | real time water control | digital solution | real-time monitoring | AI | Data-Driven Water Governance | online sensor network | Smart Water System | Data Visualization Dashboard | Smart Water Management | Model | Simulation