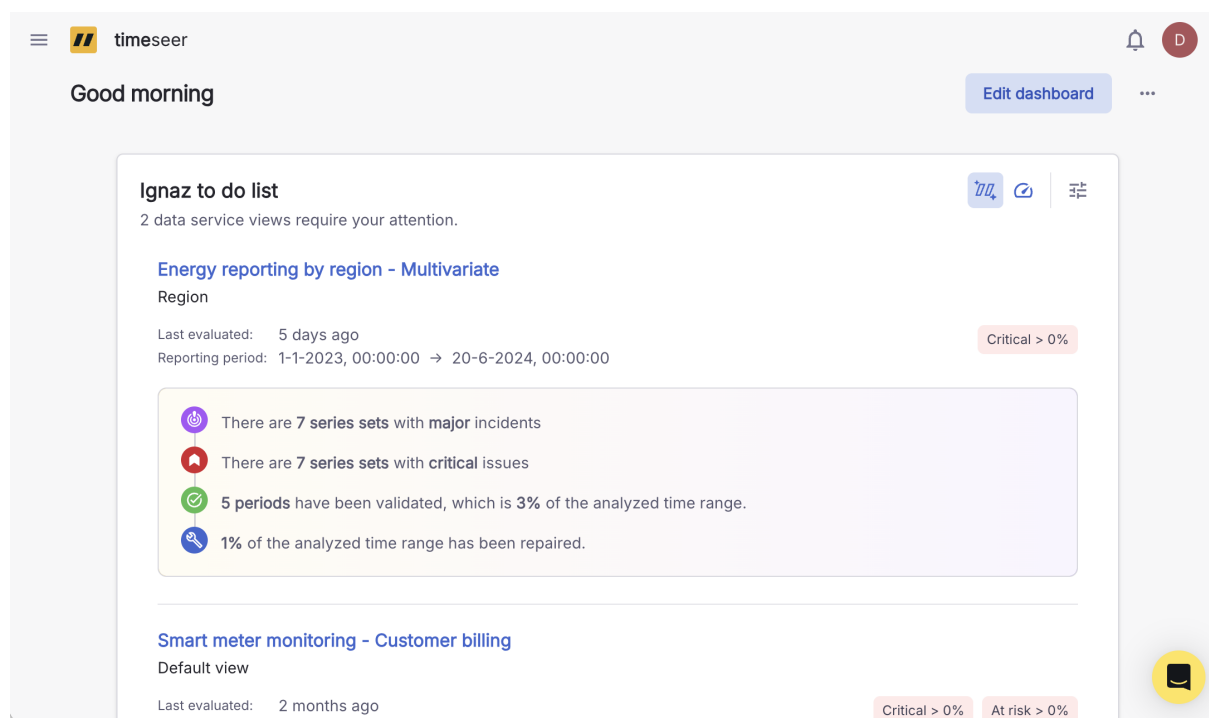




Product factsheet

Industrial Data Validation Platform

Software solution



The screenshot shows the Timeseer dashboard interface. At the top left, there is a 'timeseer' logo and a 'Good morning' greeting. A navigation menu is visible on the left. The main content area features a 'to do list' for 'Ignaz' with the text '2 data service views require your attention.' Below this, there are two main sections: 'Energy reporting by region - Multivariate' and 'Smart meter monitoring - Customer billing'. The 'Energy reporting' section shows 'Last evaluated: 5 days ago' and 'Reporting period: 1-1-2023, 00:00:00 → 20-6-2024, 00:00:00'. It includes a list of items: '7 series sets with major incidents', '7 series sets with critical issues', '5 periods have been validated, which is 3% of the analyzed time range.', and '1% of the analyzed time range has been repaired.' The 'Smart meter monitoring' section shows 'Last evaluated: 2 months ago'. There are also status indicators for 'Critical > 0%' and 'At risk > 0%'.

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.

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 industries 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

