Engineer Platform

Built the company's first observability dashboard

Developed and launched the company's first observability dashboard, providing real-time system performance insights and data visualization on the large office TV.

2022 – 2024

the company's first view of its own systems

Situation. The company was facing challenges in monitoring real-time system performance, which often led to delayed incident responses and reduced visibility into infrastructure health. There was no centralized solution in place for teams to gain insights into operational metrics.

Task. The task was to develop a solution that would enable technical and non-technical stakeholders to monitor key system metrics in real time, with a focus on accessibility, clarity, and proactive issue detection.

Action. The company's first observability dashboard was designed and implemented, collecting all essential system metrics — such as CPU, RAM, HDD, temperature, and more — from remote Linux servers via SSH. Even Docker containers were monitored using this method. Later, a second version was designed and implemented using Grafana and Prometheus for more advanced visualization and monitoring capabilities. Collaboration with DevOps and engineering teams identified the critical metrics, such as CPU utilization, memory usage, service uptime, and API latency. Data pipelines were configured to ingest and process performance metrics from various systems, and the dashboard deployed on a large office TV screen for maximum visibility. Alerting mechanisms for threshold breaches were also integrated to enable immediate action.

Result. The dashboard significantly improved system transparency and response time to operational issues. Teams were able to detect and resolve incidents 40% faster. It also fostered a culture of shared ownership over system health by making performance data accessible to everyone in the office, ultimately contributing to a more stable and efficient production environment.

Bring this experience to your project

Use “Built the company's first observability dashboard” as a starting point for a similar challenge in your organisation. The services behind this work are available for your project. Monitoring and alerts that speak up while a fault is still small, and the figures that show how often it stays that way.

Explore our services Get in touch →

Look behind the result

Read the situation, decisions and result in this example. We can discuss which parts transfer to your constraints and which need another approach. Built the company's first observability dashboard — the company's first view of its own systems

Explore our services Get in touch →

Want real-time visibility into your systems?

Talk through your project with the engineer responsible for delivery. We agree the scope, price basis and handover in writing before work begins.

Role context: Data Analyst. It draws on Data Analytics, DevOps, Infrastructure, Containers (Docker/Kubernetes), Automation & CI/CD, Reliability & Backups, Monitoring & Observability and Linux & Servers. And while you are here, we are rather good at Data Analytics & BI Dashboards and Site Reliability & Monitoring.

Get in touch Explore our services

One piece of **a longer record** — and it is all on this site.

Every entry is written the same way: the situation, the task, what we did and what changed.

See the whole record

Define the improvement you need

Bring the deployment path, the operational risks and the people on call. We can scope a change with checks, a recovery route and clear ownership.

See what it costs Get in touch →

Want real-time visibility into your systems?

Ask about the decisions behind “Built the company's first observability dashboard”. You will speak with the people who can explain the work and assess your own project.

Explore our services

welcome@engineer.company +45 50 10 61 84 Copenhagen, Denmark

Take this page with you

Contact card

Carefully Crafted With Love by D.

CVR 45969703 · Tagensvej 105C, 3. th, 2200 København N

Copyright © 2025 – present · Engineer ApS · All rights reserved.

Printed from https://platform.engineer.company/portfolio/built-the-companys-first-observability-dashboard/