Persistent And Secure Data Infrastructure

Kubrik Engineering

The Team

Denis Parfenov, CEO, MBS (International Business), MA (International Relations), BA (International Economic Relations), Dip. (Applied Project Management).

Ingo Keck, CTO, Dr. europ. (Computer Science), Dipl. (Physics)

Advisors: Prof. Dr. Katharina Simbeck, HTW Berlin

Dónal Denham, M.A.,TCD, former Ambassador for Ireland

kubrik.io

Industry 4.0 Data Infrastructure

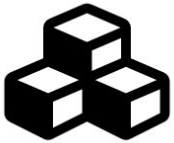
Secure and authentic: Data is protected from the sensor to the database to the frontend.

Persistent: Data can not be tampered with, all changes are persistently logged.

Privacy: Data is protected by strong cryptography and (optional) private networks.

kubrik.io

Industry 4. Data Infrastructure



Easy to maintain: Self organising building blocks.

Easy to scale: Just add new blocks.

OS

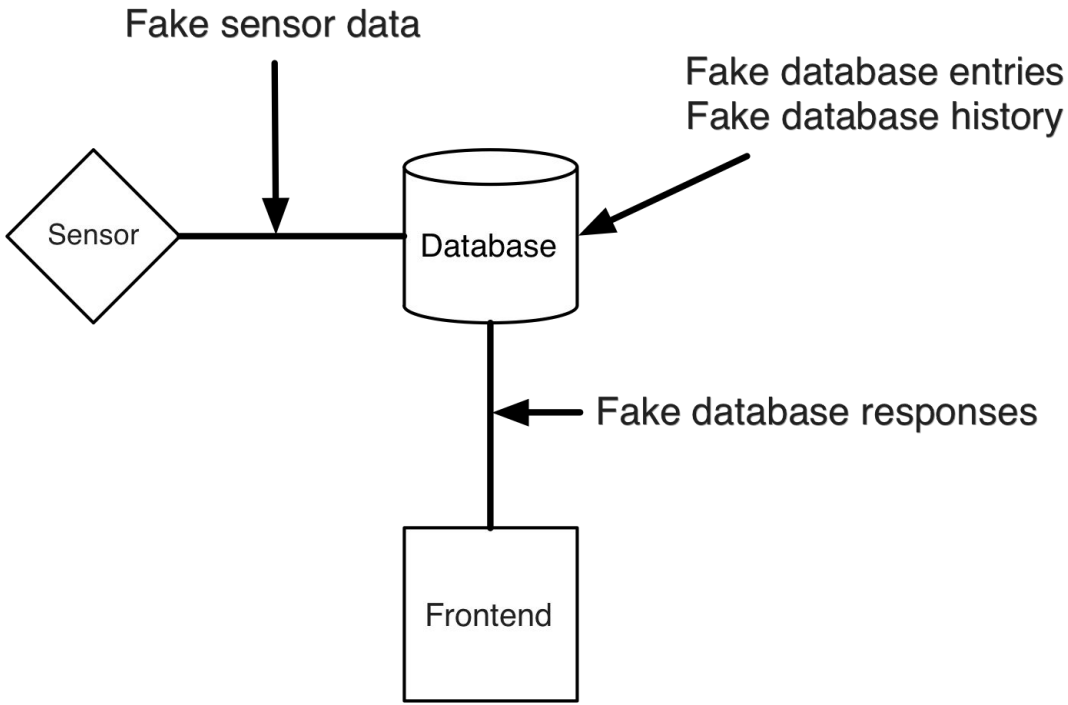
Based on **Open Source:** Tested and trusted.

kubrik.io

What does that mean for you

- All data is authenticated by its signature. Manipulations can be detected immediately and traced back to their source.
- All data is persistent, authentic and reliable.
- Support is easy thanks to the self-organisation and easy scaling, and so far cheaper than state of the art data backbone systems.
- Decentralisation allows local access - imagine every ICE being a node in your database network

State Of The Art Systems: Attack Vectors



kubrik.io

Possible Applications

- Securing electrical infrastructure: Switches, light signals for trains
- Securing remote sensing: Fibreglass cable sensors along railway tracks, GPS tracking
- Securing IT systems

We are your team if you need **resilience**, data **persistence** and **authenticity**.

Meet us and tell us your idea!

http://kubrik.io

kubrik.io