

Technology for the data economy

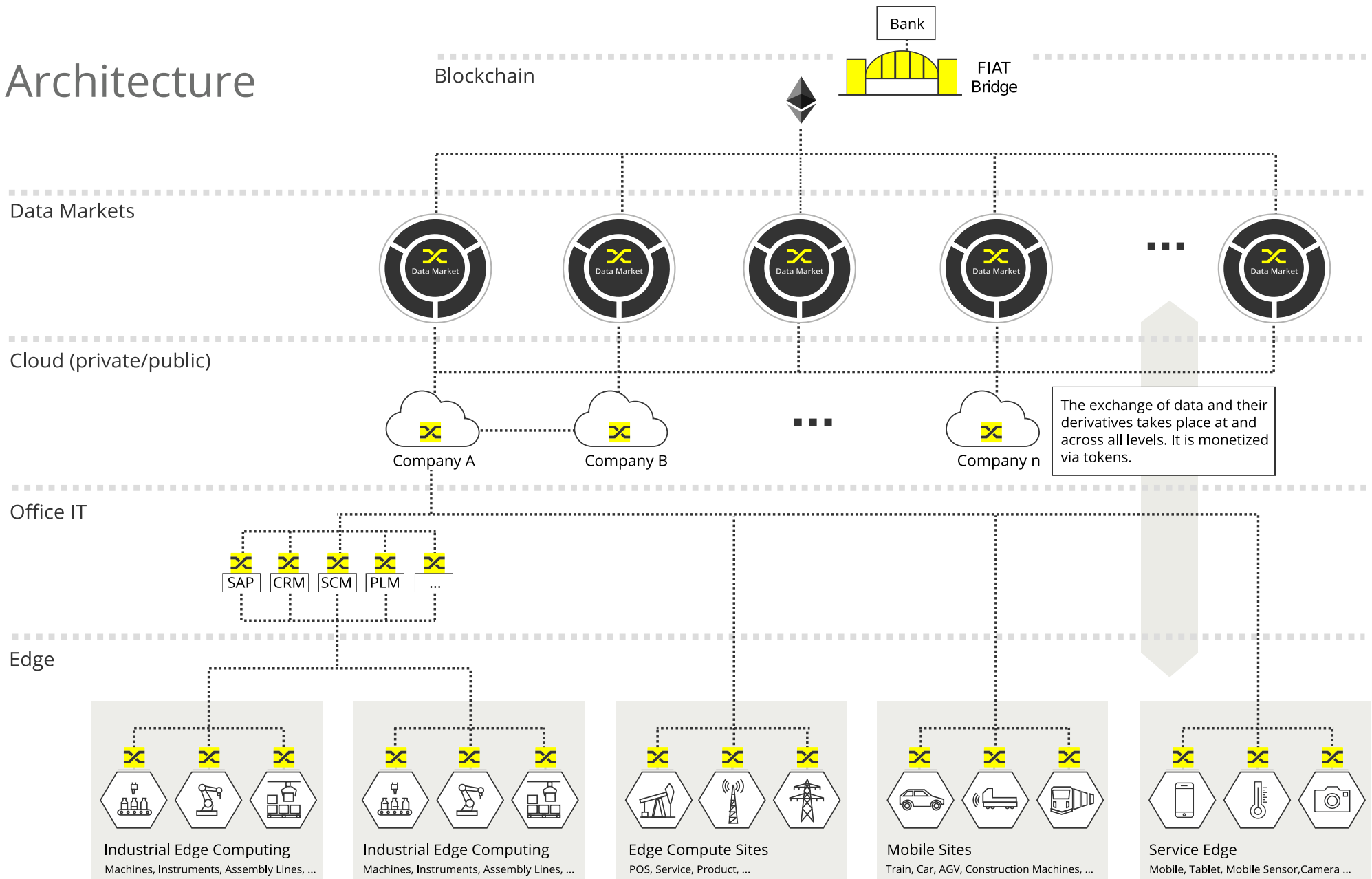
secure, fast, scalable
and “ready to use”

Crossbar.io offers software for the efficient implementation of the data economy, artificial intelligence and digitization - even for medium-sized businesses. We provide ready-made technology for realizing business models which aim to collect, refine and finally monetize data from internal processes (e.g. manufacturing) or from the installed base (e.g. vehicle data). The Crossbar.io toolbox consists of 3 components:

the WebSocket sub-protocol WAMP and the products based on it, XBR and Crossbar.io FX.

Our solutions supply the basis for running data markets for any industry with any data types, quantities, and flows. Crossbar.io FX is the toolbox (message router, edge adapter, etc.) for the faster and more secure implementation of industrial internet of things use cases. XBR adds a blockchain platform and payment layer. It enables e.g. the automated trading of data generated by sensors and edge devices, with pay per X models becoming a reality.

Architecture



Promise

The benefits for our customers result from the resulting "plus" in innovation, customer loyalty, cost reduction and the reduced time to market.

Readyness

- Partnering with **Continental** and **Hewlett Packard Enterprise**, we are developing a data marketplace for the automated trading of vehicle data, using **Crossbar.io FX** and **XBR**.
- We are working on the implementation of a Corporate Coin for a large industry playe
- Crossbar.io solutions make microtransactions profitable and internal billing is automated via smart contracts
- Industrial Internet of Things use cases requiring secure and high performance data exchange between the shop floor and cloud can be realized

Proof

- 15,000 installations e.g. at **Airbus, NASA, Mozilla, Telstra**, etc.
- Cyber security and performance tests by **Continental & HPE**, others
- Team participate in the development of ToR, WebSocket and WAMP
- 10x developer team with expertise in blockchain, messaging and encryption technology
- GDPR compliant
- In cooperations with **Continental, HPE, Siemens**

Contact

contact@crossbar.io

<https://crossbar.io>
<https://xbr.network>

Crossbar.io GmbH

Waldstrasse 18
D - 91054 Erlangen