

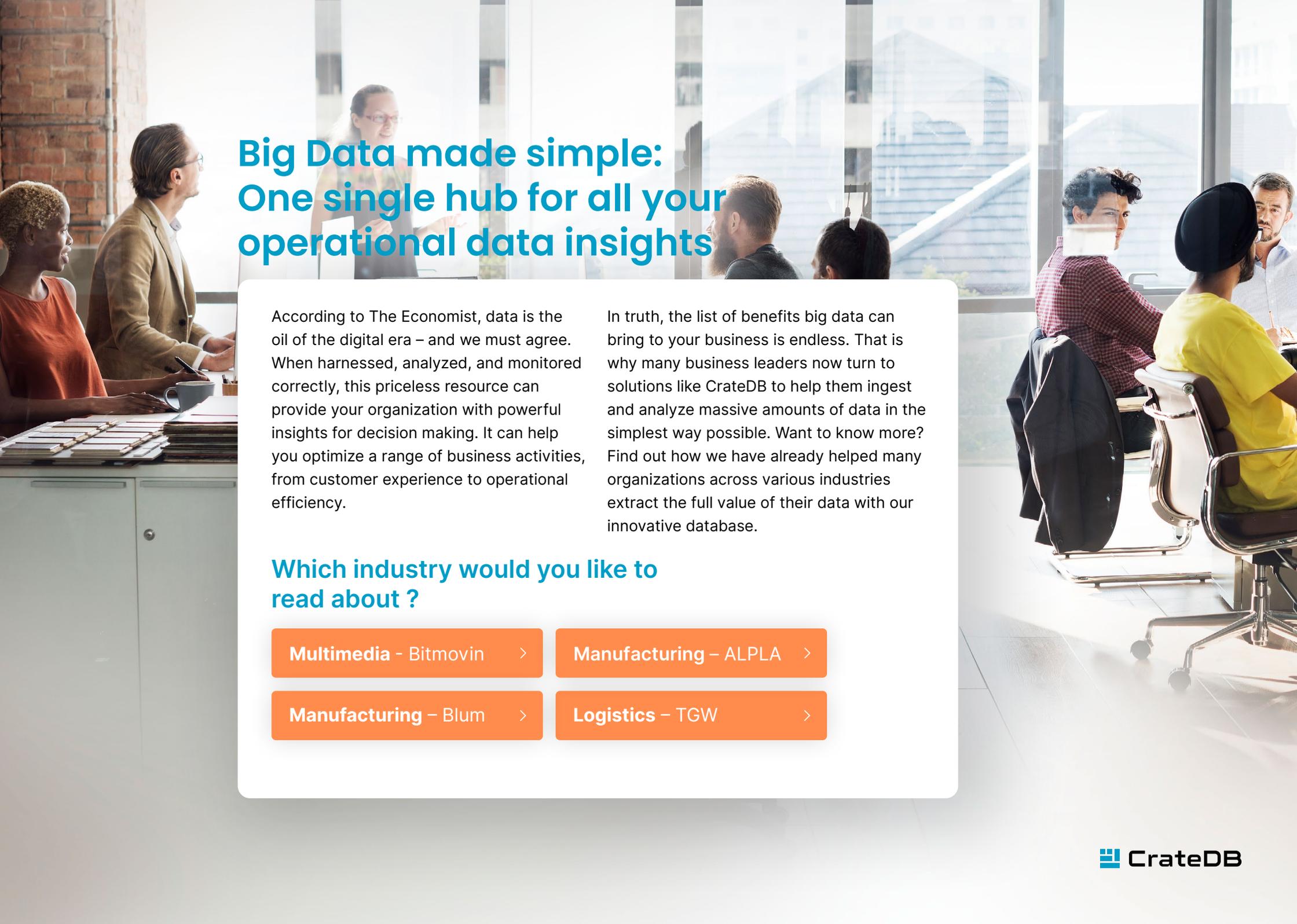
CrateDB Customer Success Stories

Learn how our clients harnessed the full
value of their operational data with CrateDB

Data Insights at Scale



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Big Data made simple: One single hub for all your operational data insights

According to The Economist, data is the oil of the digital era – and we must agree. When harnessed, analyzed, and monitored correctly, this priceless resource can provide your organization with powerful insights for decision making. It can help you optimize a range of business activities, from customer experience to operational efficiency.

In truth, the list of benefits big data can bring to your business is endless. That is why many business leaders now turn to solutions like CrateDB to help them ingest and analyze massive amounts of data in the simplest way possible. Want to know more? Find out how we have already helped many organizations across various industries extract the full value of their data with our innovative database.

Which industry would you like to read about ?

Multimedia - Bitmovin >

Manufacturing – ALPLA >

Manufacturing – Blum >

Logistics – TGW >

Driving real-time analytics for global SaaS company

Since 2012, Bitmovin has created best-in-class video development solutions that enable customers to create memorable digital experiences, worldwide.

Monitoring real-time statistics of customers using their products, Bitmovin needed a database that allows them to handle a highly concurrent read and write load of up to 800,000 metrics per second.

➤ **800,000**
metrics per second

➤ **60BN**
rows in sub-second

How CrateDB made a difference

- 30-50% cost-reduction compared to Amazon Redshift
- Cloud independence, service could easily move from Azure to AWS
- Ultra-fast data aggregations – customers get real-time insights
- Granular visibility of video usage

“CrateDB allows us to do real-time dashboards on very big streaming and historic datasets in a simple way. We can scale the system easily as we grow the load and customers and have it all done with SQL”

Explore how another SaaS company monitors system metrics data in real time.

[Go to Case Study](#)

Christopher Müller
CTO, **Bitmovin Inc.**



IIoT data hub – Sensor data & analytics in discrete manufacturing

ALPLA, world leader in the development and production of innovative plastic packaging solutions set out to improve its production efficiency (OEE) and reduce waste and line stoppage.

They looked for a database that would help them gain insights into a variety of production data types (ERP data/sensor data, quality data) and to provide seamless access to configurable real-time dashboards to thousands of employees.

180
plants in 45
countries

Billions
of plastic containers produced
per production plant/year

How CrateDB made a difference

- Implement a data-driven strategy based on real-time production feedback
- Provide shop floor teams with real-time data and alerts
- Reduce time spent onboarding new shop floor employees
- Deliver a scalable data hub for business and IoT data that drives analytics/AI/ML

“We collect continuous production data on the shopfloor and capture huge volumes of raw data long-term for advanced data science going forward. CrateDB makes this very easy for us.”

Discover how to increase factory efficiency in real time.

[Go to Case Study](#)

Philipp Lehner
CEO, Alpla Group

ALPLA



ML and AI enable edge decisions from real-time data

Blum is an international manufacturer of furniture hardware that prides itself on excellent quality, innovation, and outstanding customer service.

It wanted to improve production efficiency and reduce cost of poor quality by detecting bad parts as early as possible in the production process.

40,000
sensor readings per
500 milliseconds

Billions
of welding data
points enable ML & AI

How CrateDB made a difference

- Improved overall equipment efficiency (OEE) and positive gains in COPQ (cost of poor quality)
- Allowed them to store and process sensor data to efficiently train AI models
- Reduced database clutter –all data is now on one database
- Lower cloud compute cost

“CrateDB allows us to store and process sensor data in order to efficiently train our AI models. Supporting sub-second query results for prediction helps us to react within the processing time required.”

Learn more about CrateDB for IoT and sensor data.

Go to Case Study

Walter Kollmann
AI Lead, Blum

 blum



Data hub for IIoT & digital twin applications

TGW solves its customers' supply chain challenges with highly automated, efficient, and future-proof warehouse systems.

To drive digital transformation, they initiated a digital strategy of "Connected Warehouses" that provides real-time insights and consolidates local data silos centrally – with edge and cloud support.

900,000
sensors per
distribution center

Real-time
insights into warehouse
operations and data

How CrateDB made a difference

- Simple deployment in any hybrid scenario – and standardized SQL for all APIs
- One single database to collect sensor data and business data at scale
- Simple integration into existing open-source and business application stack
- Independence of any cloud provider

“Having a standardized SQL language is a big advantage with CrateDB. That makes it very easy for other people to access this data and work with it in different tools like Grafana or Tableau.”

Read how to leverage CrateDB for real-time tracking in logistics.

[Go to Case Study](#)

Alexander Mann
**Owner Connected,
Warehouse Architecture,
TGW Group**



A photograph of a modern office environment. In the foreground, a person wearing a bright yellow t-shirt and a black beanie is seated at a desk, working on a computer. Behind them, two other people are engaged in a discussion. The office has large windows in the background, providing a view of a city skyline. The scene is brightly lit, suggesting a sunny day.

Want to get the biggest business value from your data?

Get in touch to find out how we can help

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