

**BRAIN
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Smart IIoT Platform

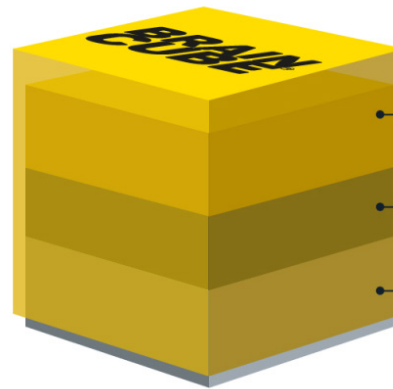
Designed specifically for key manufacturing needs, Braincube's Smart IIoT platform comes with an advanced Business Intelligence (BI) App Suite.

Optimize processes, reduce risk, and increase margins: whatever your goals, Braincube's apps help you succeed quickly and efficiently. Real-time Edge data, historical data, and Braincube's product-based Digital Twins are a powerful trifecta that saves you time while fast-tracking rapid, accurate analyses and relevant results.

Our unique Digital Twin follows the product flow from raw materials to finished good for every individual product that comes off your line. This gives your teams a continuously updated and dynamic database, making it easier to find the optimizations that matter in the Braincube App Suite or through third-party systems.

Braincube IIoT Platform

Braincube's Smart IIoT platform puts centralized, structured, and continuously updated production data right at your fingertips. Whether on the shop floor or in the C-Suite, empower anyone to optimize processes and quality. Our ready-to-use advanced Business Intelligence (BI) Apps utilize historical data and real-time Edge data, making it possible to analyze the past in order to determine the best thing to do right now and in the future.



Business Apps
Ready-to-Use

Braincube Digital Twin

IIoT Platform
App Enablement

Grounded in security and collaboration, Braincube's platform offers robust administration settings without sacrificing best-in-class security practices. Two-factor authentication, encryption, and metadata tagging are some of the key protocols that help us maintain our ISO 27001 certification. Teams can securely explore, share, and scale successes from anywhere in the world using dynamic collaboration tools and business apps.

Braincube is available as a standalone platform or interoperable within your existing architecture (Azure, GCP, AWS, etc.) for easy integration and rapid deployment. Customize your Cloud, Edge, or Hybrid infrastructure to match your specific needs.

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A “Smart” IIoT Platform

Our ready-to-use BI Apps empower teams to be more efficient, agile, and proactive in how they approach business challenges and scale successes across departments and sites.

Choose from our pre-packaged offers or use our low-code/no-code infrastructure to build custom, on-demand apps.

Braincube also offers a proprietary AI algorithm that equips citizen data scientists with automated

Machine Learning technology to solve complex challenges for improving process and quality. Using Braincube’s Edge and Cloud architecture, you can put your findings immediately into production and adjust those settings based on real-time data. As your needs change and expand, our advanced App Suite is there to meet your future challenges.



Braincube Digital Twin

Designed to make your work more efficient and promote new data discoveries, a Braincube-built Digital Twin provides the perfect contextualized data model of one of your production lines.

Our unique product Digital Twin is a usable database with the production settings and conditions for each and every finished good that comes off of your lines. All relevant production data—system data, lag time calculations, supply chain information, the weather, moisture levels, and even storage times and locations—are structured and continuously updated in real-time.

Empower anyone at your company to monitor, visualize, or analyze production data without the costly, time-consuming task of cleaning data and writing code. Using this powerful tool, teams don’t have to guess what factors *might* be most responsible for a particular outcome: Braincube’s algorithms can consider them all.

When the power of the Digital Twins is harnessed by Braincube’s platform and apps, the results are nothing short of transformational.



“The analytics platform is easy to integrate to our existing legacy and Industry 4.0 manufacturing landscapes. Data visualization and analysis can be achieved for a new plant... within a few weeks and new data insights and correlations can be identified by our data scientist and process engineers easily.”

— Braincube Customer

Business Intelligence Applications

Select from an array of ready-to-use apps that align with your company's specific objectives.



SMART IIOT PLATFORM

Data Visualization



Understand, analyze, and report your data via powerful descriptive analytics apps.

Modeling



Leverage custom data science models operationally or easily build Machine-Learning-assisted predictive models.

Condition Monitoring



Monitor real-time production conditions and display AI recommendations on the shop floor.

Advanced Analytics



Solve issues and reach specific objectives with AI advanced analytics.

Predictive Maintenance



Monitor critical parameters, dive into event analysis, and react quicker when critical conditions arise.

Prescription



Continuous Machine Learning and AI prescriptions.

Quality and Process Control



Easily comply with process and quality standards.

Autonomous Factory



Send AI-recommended directions directly to machines.

Why Braincube

Quick time to value

Braincube's solutions are easy to set up and deploy. Our tools seamlessly migrate into existing systems. Braincube's ready-to-use advanced applications can be used from day one.

Time and cost savings

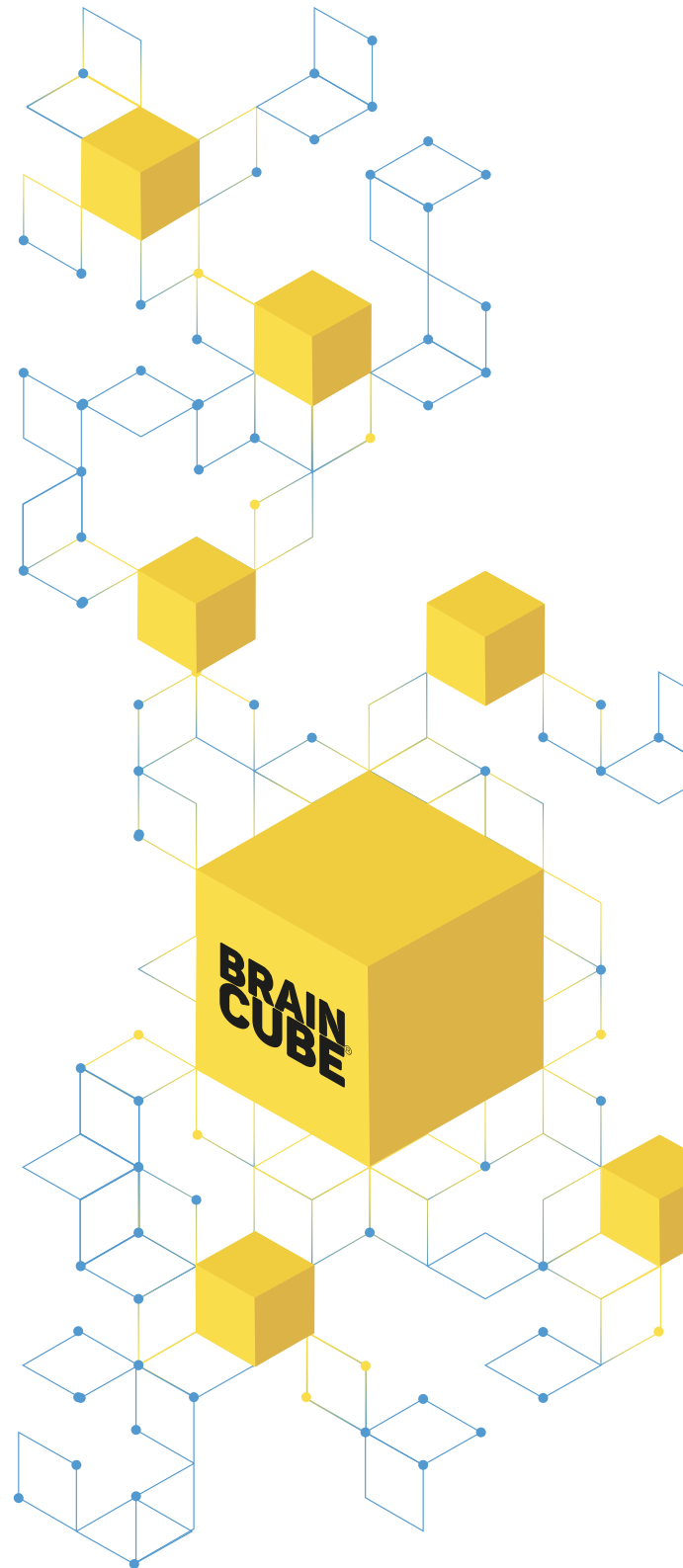
Automatically bring data into a centralized location using Braincube's Digital Twin. Teams leverage a continuously updated and contextualized database of all of your products, saving countless hours of collecting, cleansing, and structuring data.

Fast and meaningful discoveries

Increase your company's capacity for deep analysis by empowering everyone with Artificial Intelligence tools. Braincube's CrossRank AI can analyze thousands of variables in minutes, giving teams actionable answers for improvement.

Holistic, integrated solution

Braincube's experienced manufacturing teams specialize in building the best solution for your unique challenges. By integrating into your existing architecture, it is easier than ever to drive progress forward. Teams ranging from the shop floor to the top executives can make informed, data-driven decisions.



Work with us

Built for industry

Since our inception, our focus has been helping manufacturers drive their digital transformation forward. Braincube was built for manufacturers across a variety of industries, including:

- Aeronautics
- Building Materials and Glass
- Chemical
- Consumer Packaged Goods
- Food and Beverage
- Paper and Packaging
- Pharmaceuticals
- Steel and Metals

Why our customers love us

Whether we've worked with a company for over a decade or are still implementing a new rollout, we strive to give each of our customers the tools, training, and resources they need for success. Our collaborative approach allows for flexibility to address specific challenges as well as tried-and-true knowledge to move forward quickly.

Here's what some of our customers are saying on Gartner's Peer Insights.



SERVICE & SUPPORT

"The teamwork with the technical support service of Braincube has played a key role in our continuous process improvement."

— Project Engineer, Braincube Customer

SCALABILITY

"Easy to integrate to any legacy platform. This is what makes the Braincube product a winner."

— Industry 4.0 Enterprise Architect, Braincube Customer

EASE OF USE

"Although our employees are diverse in [their] backgrounds, most are able to use Braincube after participating in the training."

— Chemical Engineer, Braincube Customer



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