

Brembo accelerates improved processes with analytics

Easy-to-use analytics for multiple use cases and user types

“Spotfire became a new standard for analytics at the Brembo Group.”

— Paolo Crovetto,
Chief Information Officer,
Brembo Group

Challenge

The IT Department at Brembo had two challenges. The first was developing a smart factory as part of its Industry 4.0 landmark initiative, which required using analytics and statistical analysis to make sense of a big data environment. The second was evolving its analytics infrastructure to better match the company's goals for improving performance and user-friendliness. In technical terms, it needed an analytics platform to enable the business to access and analyze all its data and allow the data scientists to embed R models for deeper analysis of its big data lake. The platform had to run on-premises and in the cloud.

Solution

Brembo's criteria for vendor evaluation included how well the tool suited the business as well as its performance and openness to new technology, such as integrating a new statistical language.

Brembo chose Spotfire® software for its ease of use, ability to address all of the company's requirements, and suitability for teams across the organization. The company wouldn't have gone with a tool unless it could be used for more than just manufacturing processes.

"With Spotfire, we are able to discover and rationalize a lot of information that was otherwise not possible," said Paolo Crovetto, chief information officer at Brembo.



25%

REVENUE INCREASE
WITH IMPROVED
PRODUCTION
EFFICIENCY

2000+

SPOTFIRE USERS

Benefits

Adaptable to many use cases

One significant requirement set by Brembo was to be able to use the tool for manufacturing alongside process optimization control, purchasing, quality control, and R&D. The Spotfire platform has been used across the organization for each use case.

Spotfire analytics is used by Brembo's manufacturing department for clustering cooling curves of its aluminum foundry and for predictive maintenance and lifespan prediction of machine tools. The advanced R&D department used the platform to develop KPIs for noise analysis and testing.

"We are collecting data and showing the reality and life of our machine tools. For operators, it's very useful to understand which tools need to be changed," said Crovetto.



Brembo

Brembo SpA is the world leader and acknowledged innovator of disc brake technology for automotive vehicles. It supplies high-performance brake systems to manufacturers of cars, motorcycles, and commercial vehicles worldwide and is also a leader in the racing sector with more than 500 championships.

Easy to use by many user types

Reports can be both created and used by business users, data administrators, and others, without involving the IT department. Data administrators can group and organize information, making it available to business users, who can then access data groups and organize the data they need. They can also quickly build compelling visualizations and dashboards, accessing the data they need—when they need it.

“When we choose a toolset, we use a 360-degree approach for adopting it across the organization,” said Crovetti.

Future

The Spotfire system will be used across the organization for new projects, allowing users to monitor production and understand all the information affecting both the manufacturing process and the supply chain.

Ready to get smarter with Spotfire visual data science? Talk to an expert today at spotfire.com/contact-us.



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Spotfire® is a visual data science platform that makes smart people smarter by combining interactive visualizations and advanced analytics to solve complex, industry-specific business problems.

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