

Aubert & Duval

Improving operational stability and quality

Challenges

- A global provider of high-performance metallurgical solutions to the aerospace and other industries, part of the Eramet Group
- Each finished good is produced to exacting standards with thousands of critical production parameters involved in the production of each products.
- Production processes may span across multiple facilities with a global lead time of weeks to months
- Production requires consistent, stable process operation that safeguards the characteristics and performance of the finished product and captures full traceability as required by aeronautics regulations

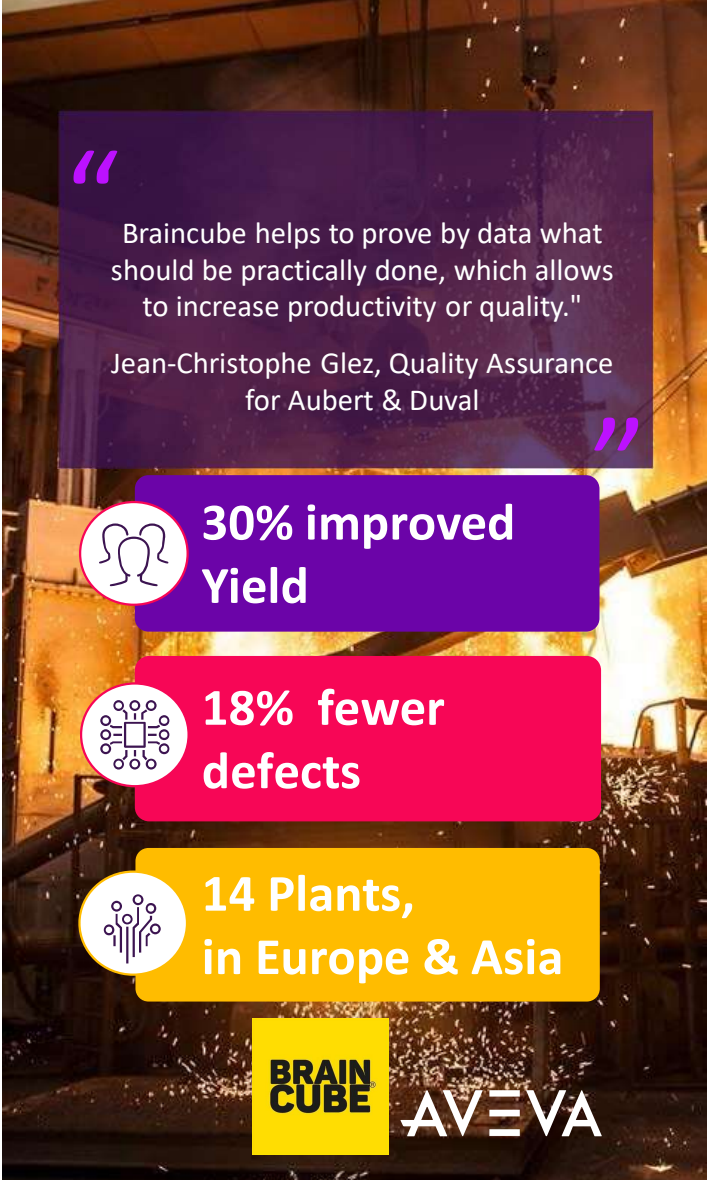
Solution

- They adopted Braincube to track their complex traceability and long production cycle. They built a contextualized data model (Digital Twin) to integrate and analyze all the production data scattered in various systems, at various plants. Within two months, Braincube was gathering all of the relevant data from each of the necessary sources.

Results


- Braincube was able to improve stability on operative standards by more than 30%, resulting in 18% fewer defects and improving yield by 30%


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“ Braincube helps to prove by data what should be practically done, which allows to increase productivity or quality.”

Jean-Christophe Glez, Quality Assurance for Aubert & Duval ”

 **30% improved Yield**

 **18% fewer defects**

 **14 Plants, in Europe & Asia**

BRAIN CUBE **AVEVA**