

CASE STUDY: CONSTRUCTION INDUSTRY

## Streamlined Data Management at Braas Clay Roof Tile Factory

Braas GmbH, a part of the BMI Group, operates a highly automated clay roof tile factory in Obergräfenhain, Germany, located between Leipzig and Chemnitz. This facility is one of 14 BMI plants across the country. The Obergräfenhain facility, staffed by 170 employees, produces over 77 million roof tiles and accessories annually. Operating 24/7 with fully automated production lines, the factory processes loam and clay from nearby sources into high-quality roof tiles.

### The Challenge



Before 2018, the factory faced significant challenges due to manual data backups and decentralized documentation, leading to inefficiencies, outdated software configurations, and an increased risk of costly downtime. Quick restoration of failed components was difficult, hampered by inconsistent data management and manual processes that made troubleshooting complex and time-consuming.

### The Solution



To overcome these challenges, Braas implemented the octoplant data management software from AMDT. This solution automated data backups, centralized documentation, and enabled efficient version control for over 530 components, including PLCs, drives, sensors, and security devices. The facility now generates 58 automated backups monthly, securely stored on a central server.

## octoplant

The transition to octoplant was smooth and efficient, allowing the facility to retain its existing workflows while benefiting from enhanced features. The software's user-friendly interface enabled new staff to be trained in just one hour, significantly reducing human error. Detailed logs improved troubleshooting and facilitated staff development, while the overall system has minimized downtime risk, ensuring continuous and efficient factory

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***It is impossible to imagine all this without the software from AMDT. All maintenance technicians use it in order to carry out changes to programs.***

***It really is the mother of all software.***

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## The Result



The implementation of octoplant at Braas GmbH's Obergräfenhain facility has delivered substantial benefits, including increased efficiency, improved data security, and enhanced operational continuity. By automating data backups and centralizing documentation, the factory has streamlined its operations and significantly reduced the risk of costly downtime.

As a result, the Braas factory has been able to maintain its 24/7 production schedule with greater confidence, knowing that critical data is securely managed and easily accessible when needed. Octoplant has become an integral part of the factory's operations, ensuring the uninterrupted production of millions of roof tiles each year.

**Join the many companies already experiencing reduced downtime and enhanced productivity with octoplant.**

Schedule a demo here: [www.amdt.com/en/web-demo-live](http://www.amdt.com/en/web-demo-live)

