

About Client

Almal Industries (Previously Ajanta Steel) is a family run privately owned, ISO 9001:2015 Certified Company that has been in business for the past 50 years. The company has several manufacturing units in Kolkata and their product range includes:

- *Steel, Aluminum & Brass Builders Hardware*
- *Press Metal Components*
- *Fabricated Components*
- *Cast Components*
- *Forged Components*



The Challenge

The company was facing challenges of unmonitored manual operation leading to lesser production, more power usage, and human errors.

The Requirement

- *Check production and machine operation remotely*
- *Generate production, breakdown, and other reports*
- *Optimize production and employee operation*
- *Monitor tool usage*





The Solution

IoT Solutionz came up with a solution that ensured real-time production monitoring through advanced reporting and analytics. We used advanced IIoT for resolving the challenges, and came up with the following outcome:

- *Every machine operation data is sent to cloud in a time gap of 10 seconds*
- *Advanced data analytics produces reports from live as well as past data*
- *Reports on efficiency give insightson production and also optimize the overall operation*
- *Dynamic Admin Panel and Real-Time Dashboard ensures real-time monitoring and analytics*

