

# Enabling Better Energy Monitoring

## Automobile Component Manufacturing

Original component manufacturers (OCM) operate on small margins and long contracts, meaning that fluctuations in processing cost can significantly affect profits.

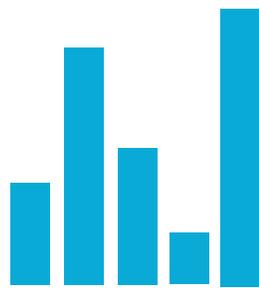
Although often unseen, energy costs form a major cost component in automated discrete manufacturing and without knowing accurately how much energy is being consumed per unit, companies cannot optimize their manufacturing process to improve margins.



### Quick installation Minimal downtime

DATTUS worked with an OCM to deliver an out-of-the-box solution capable of sensing key physical parameters of equipment.

Installation of this equipment took **less than an hour**.



### Enhanced monitoring New data points

Utilizing the DATTUS portal, available on any web-enabled device, the OCM was easily able to review real-time energy consumption data. Allowing them to understand the total energy cost per asset on the manufacturing floor.



### Upgraded machines Existing hardware

Without any major factory refits, fifteen-year-old CNC machines were upgraded with the DATTUS system. Existing machines were now able to report on changes in baseline metrics that allowed the OCM make changes based on hard data.

# DATTUS

POWERING SMART MACHINES TODAY

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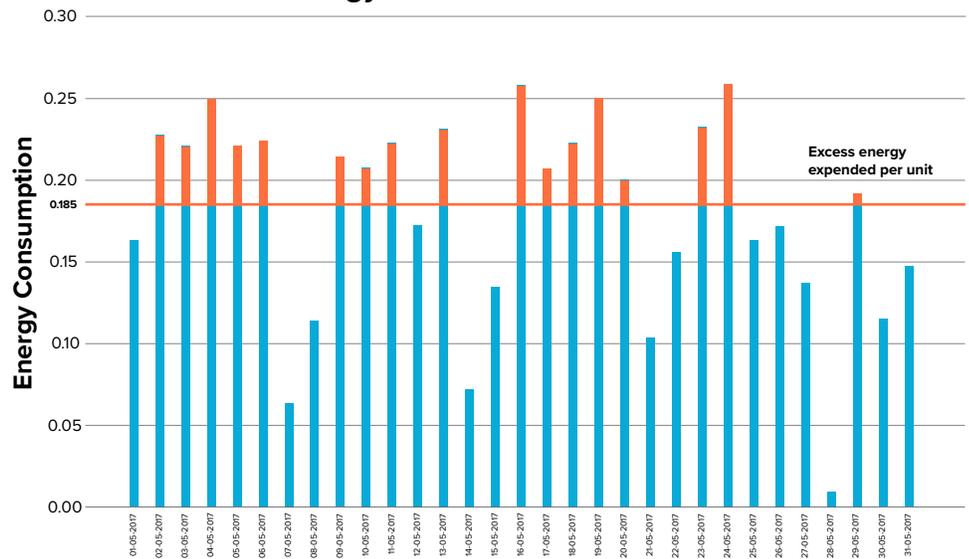
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# Customer Value Delivered

**DATTUS powered a flow of data** with the needed contextual information for the OCM to make informed decisions about how to best cut energy costs and improve factory production.

- **Real time insights** on production costs per unit manufactured
- **Hourly and daily reporting** enabled granular insights on energy costs at each manufacturing step.
- **Upfront capex for monitoring** was reduced as condition monitoring devices were used to generate operational insights.

Energy cost/unit manufactured



With the help of DATTUS machine monitoring, the OCM eliminate wasted energy consumption by pinpointing the threshold where their machines were most efficient. This information allowed the OCM to optimize machines and production schedules to minimize overhead and maximize profit.

## 50% Cost Savings per Asset

On a budget of less than 5% of the asset's value, DATTUS transformed this OCM's legacy machines into smart machines capable of real-time data reporting.

This transformation empowered the customer advanced with energy insights that quickly put them on the path toward 50% cost savings per asset.

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