



**BOSCH**

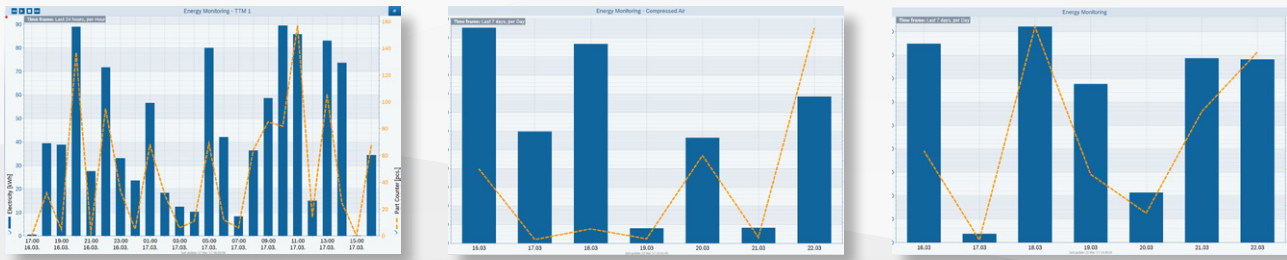
Invented for life

# Saving resources with Energy Monitoring

Productivity on a new level with  
Condition Monitoring Solutions



# Identify and prevent energy waste



## Energy Monitoring

Which machines are consuming most electricity within the production facility? When is production consuming most energy? The Energy Monitoring platform<sup>1</sup> provides easy answers to these questions by bundling different data from one platform and offering possibilities for fast and easy analysis.

## Application and Key Benefits

Long-term trend analysis provides indications of part failure, for example by showing increased consumption of compressed air due to leakage. Operators can predict maintenance requirements before machine failure occurs, resulting in higher maintenance efficiency and machine availability. By receiving notifications as soon as defined thresholds are exceeded, they can react quickly to prevent an expensive waste of energy. The alignment of production plans, produced parts and energy consumption enables users to establish consumption-based energy planning.

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## Customer Value

- ▶ Avoids costs caused by energy leakages
- ▶ Predicts failures through threshold setting
- ▶ Minimizes unplanned maintenance
- ▶ Monitors energy use in real time
- ▶ Plans consumption-based energy usage

## Combine with

- ▶ Modernization
- ▶ Control upgrade
- ▶ Technical audit
- ▶ Maintenance Support System<sup>2</sup>
- ▶ Training
- ▶ Condition Monitoring Services<sup>2</sup>
- ▶ Filter Sterilization Monitoring

<sup>1</sup> Software: needs hardware for usage

<sup>2</sup> Shopfloor IT Solution Platform