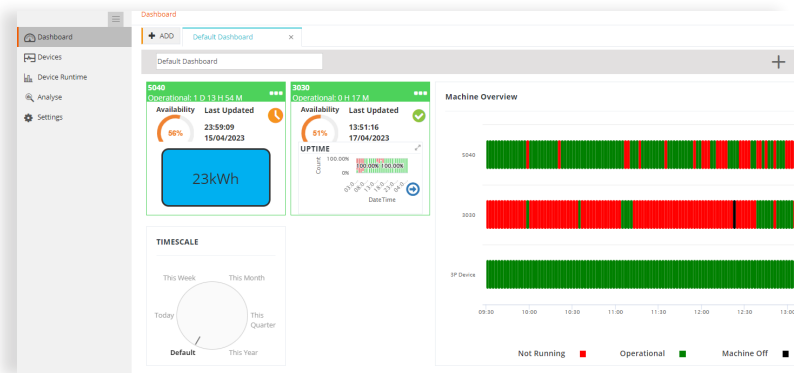# machine monitoring

The power of IoT, without the hassle

Using a quick and easy-to-install Current Meter sensor, Fitfactory Machine Monitoring allows you to accurately measure the Overall Equipment Effectiveness (OEE) of your machines and plant.

Put simply...if your machines aren't running, they aren't making money.

By monitoring when machines are running and when they aren't, you can compare planned run time vs. actual run-time; begin to analyse root-cause reasons for downtime

Track machine utilisation

Bolt-on to existing machines

1-minute install

Turn any machine into a smart machine

The Machine Monitoring sensor is a small lightweight IoT device that connects to any electrical equipment, ranging from conventional CNC machines to fabrication equipment.

The sensor connects via a simple CT Clamp attached to the live power cable to capture the energy draw.

The energy draw is then recorded and transmitted wirelessly & securely to the Fitfactory Cloud where it is analysed to determine the operational status of the equipment (running/stopped).

Harnessing the power of our Machine Monitoring dashboards, we provide real-time analytics such as OEE, uptime and overall machine performance - all on a single screen!

Capture live machine data

Increase capacity

By accurately monitoring resource utilisation, you can identify and resolve inefficiencies in your process. Thereby allowing you to increase capacity without buying more machines.

1-minute setup

Simply attach the sensor to any machine or device via the CT Clamp. Connect to your Wi-Fi and you're ready to go.

Measure any equipment

Attach the sensor to any device and measure its 'uptime'. It works for anything from conventional and CNC machines, to fabrication equipment and conveyor systems. Helping you make smarter decisions.

Real-time insights

Energy draw is recorded in real-time to determine the operational status of any piece of mechanical equipment (i.e. running/ idle). Analyse information to spot trends and optimise utilisation.

Alerts to the right people

Set up rules and alerts so that if a machine is idle when it shouldn't be, you can immediately notify the right person to investigate the problem as it happens, to help you resolve issues efficiently.

Accurate job costings

Linking with your Fitfactory MRP and scheduler, you can record accurate run-times and compare actual vs. planned. This allows you to work out accurate job costings that inform pricing strategies.

Technical specifications

- Wireless AC Current Meter with automated data logging
- 1200 ft. range and up to 10 year battery life
- Simple and safe installation, no rewiring required

fitfactory

The intelligent way to make your factory fit

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