



MANUFACTURING USE CASES

ENERGY REIMAGINED

Smarter businesses have arrived

USE CASES



SimbleEnergy

ENERGY EFFICIENCY

Highlight Energy Hogs

SimpleEnergy provides multi site breakdown of energy use. Manufacturers can use this information to understand where energy is being consumed and on what appliances it is being used.

Reduce Wastage

Run reports to know when energy is being used unnecessarily and respond with IoT automation, such as charging in off peak, turning off lights remotely, ensuring equipment is turned off at close of business.

Benchmark Production Lines

Why is one production unit consuming more than another, when they're doing the same job?
Can I maximise use of my best production units, rather than using inefficient machinery and faulty appliances?

Efficiency Projects

Zero in on projects that can be replicated across multiple sites such as LED upgrades, solar or H-VAC replacement



MAINTENANCE & CONTROL



Equipment Status

Often equipment fails, lighting is tripped, or HVAC systems shut down, leaving manufacturing facilities out of action causing delays to work. Monitor status and voltage of lights, pumps, etc. and know when they are turned off or shut down.

Upgrade Assets

Faulty equipment can be hazardous and problematic. Zero in on areas for improvement such as LED upgrades, solar or HVAC replacement



Preempt Faults

Keeping production lines running is key to day to day business. Detecting mechanical faults can reduce breakdowns and production losses. Using SimbleEnergy, manufacturers are made aware of maintenance issues before the equipment fails which means they can respond in a timely manner.

Benchmark & Monitor

Establish and monitor day to day usage benchmarks to ensure all equipment is running at maximum efficiency, at the correct times.

FUTURE PLANNING

Financial Control

Finance teams can use SimbleEnergy to analyse energy performance and run reports to demonstrate which areas of the business are most cost effective and which need improvement.

Implement IoT

Operations and maintenance teams can connect additional sensors to the SimbleSense platform, from a variety of approved IoT providers, for a range of IoT use cases through multiple networks (telco and Thinxtra).

Predict and Prevent

Monitor and track energy spend against predetermined benchmarks to reduce costs.

ROI on Projects

Budget for future projects, avoid bill shocks and enable cost effective equipment upgrades.



CORPORATE SOCIAL RESPONSIBILITY



Demonstrate

Display your energy reduction and saving initiatives online to clearly position the organisation as sustainable.

Promote

Install the SimbleSmartView Display in your staff room. Implement sustainable practises in your organisation to encourage responsible business practises and promote sustainability.

Share

Establish nation wide benchmarks, become a leader in energy sustainability, share learnings with other sustainable businesses and be part of a better world.

Carbon Reporting

SimbleEnergy can capture data and report on the carbon footprint of specific products, production runs, etc. and identify ways to become eco-friendly and carbon neutral.

