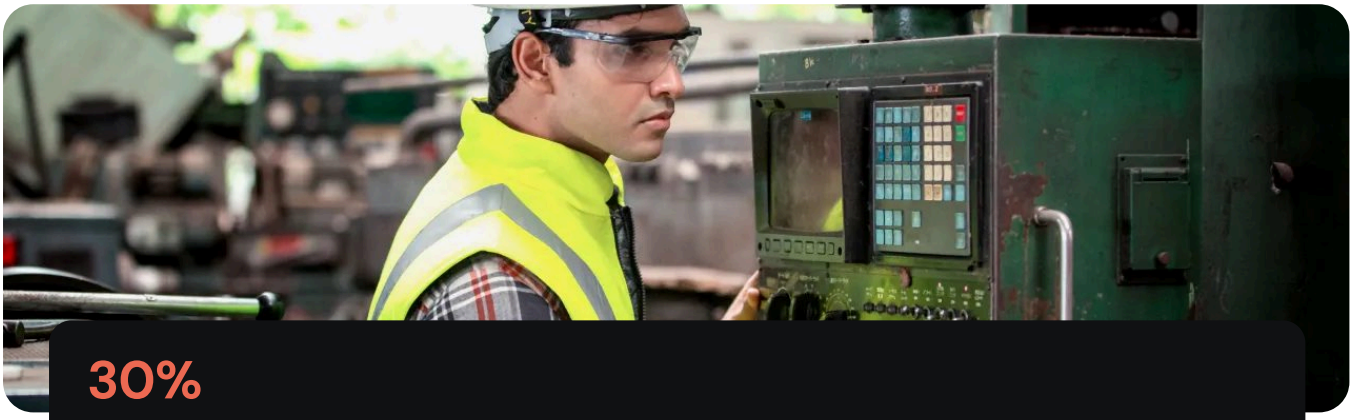
Manufacturing India

A manufacturer improved resource utilization by 30% by metering power, water and air

A manufacturer with several plants put its electricity, water, compressed air and fuel meters on one system, so consumption per plant and per production line is recorded, compared and acted on.



30%
improvement in resource utilization

AT A GLANCE

INDUSTRY
Manufacturing

REGION
India

SIZE
Large enterprise, several plants

RESOURCES
Electricity, water, compressed air, fuel

FEATURES USED
Energy Work Insight

01 The client

The client is a large manufacturing company in India with production units in several industrial regions and a central team that monitors resource usage.

Each plant draws electricity, water, compressed air and boiler fuel, which are among its largest running costs. How much each plant consumes for what it produces feeds directly into planning and cost.

02 The challenge

Meter readings were taken and recorded differently at each plant. The company could not compare plants, find where resources were wasted, or plan consumption with confidence.

- Each plant read its meters on its own schedule and in its own format.
- Consumption could not be compared between plants or lines.
- Waste went unnoticed because nobody saw usage alongside production.
- Production planning used estimates instead of recorded consumption.
- Monitoring effort was duplicated at every site.

03 What they set up in Asset Infinity

The company recorded every utility meter in Asset Infinity, from each plant's main incomers down to sub-meters on individual lines, with readings kept against each one.

Energy

Meters from incomer to line

Main meters and sub-meters for electricity, water, compressed air and fuel are set up per plant, so usage can be traced to the line that drew it.

Energy

The same reading round everywhere

Plant operators enter readings on a regular round at every site, under usage categories and tracking rules agreed centrally.

Work

Waste sent to maintenance

When readings point to a problem, such as an air leak or an idle line still drawing power, a request goes to maintenance from the same app.

Insight

Consumption compared across plants

Dashboards and scheduled reports show usage per plant, line and resource, so the central team compares sites on equal terms.

04 How it works day to day

Here is how a plant's resource use is recorded and acted on now.

PLANT OPERATOR

Walks the meter round

The operator opens the round in the mobile app and enters a reading for each meter, from the main incomer to the line sub-meters.

SYSTEM

Files each reading

Readings are stored against the meter and its usage category, building consumption history per plant and line.

PLANT ENGINEER

Spots creeping usage

Comparing this week's line consumption with earlier weeks shows where air, water or power use has crept up.

PLANT ENGINEER

Raises a fix

A suspected leak or an idle line still drawing power becomes a maintenance request, so it gets fixed instead of just noted.

SYSTEM

Sends the consumption report

A scheduled report of usage by plant and resource goes to the central operations team.

CENTRAL OPERATIONS TEAM

Sets plants side by side

Dashboards compare plants on consumption, so the practices of the most efficient site can be copied elsewhere.

PRODUCTION PLANNER

Plans with recorded figures

Expected consumption for the next production plan is based on recorded usage, not estimates.

05 Before and after

	BEFORE	WITH ASSET INFINITY
Usage records	Inconsistent between plants	Same meters, rounds and categories everywhere
Visibility	Poor	Usage by plant, line and resource
Waste	Little control	Found in readings, fixed through requests
Planning	Disrupted by unreliable data	Based on recorded consumption
Monitoring effort	Repeated at every site	One system with shared rules
Resource utilization	Below potential	Improved by 30%

06 How it rolled out

1

Meters mapped. A review of each plant's usage practice listed its meters, how they were read and where records were missing.

2

Rules and history set up. Usage categories, tracking rules and plant-wise workflows were configured, plant operations connected, and old readings migrated.

3

Operators and stores trained. Operations and inventory teams had hands-on training, followed by regular system reviews.

07 The results

- Consumption visible per plant, line and resource from one place
- Consumption planning based on recorded readings
- Waste found in readings and fixed as maintenance work
- Less repeated monitoring effort at each site

08 Why it worked

Readings reach the line

Sub-meters on each line show where consumption happens, so savings efforts go to the right place.

Findings become work

A reading that reveals waste can turn into a maintenance request on the spot, without a separate report.

Plants measured alike

Shared categories and rules let the central team compare plants fairly and spot the outlier.

09 Looking ahead

With every meter read the same way and every plant held to the same rules, the company found where its power, water and air were going and improved resource utilization by 30%.

Recorded consumption now feeds production planning, and a reading that reveals waste goes to maintenance as a job.

See it on your own assets

A 30-minute demo, set up for a multi-plant manufacturer.

The client's name is withheld for confidentiality. Results are as reported by the client.

Book a demo

Start a 14-day free trial