Logistics & Supply Chain | Singapore

A logistics company improved efficiency by 28% by metering power and water at each hub

A Singapore-based logistics company put the electricity and water meters at its hubs and warehouses on one system, recorded readings and utility bills by site, and acted on waste it could finally see.



28%
improvement in operational efficiency

AT A GLANCE

INDUSTRY
Logistics and supply chain

REGION
Headquarters in Singapore

LOCATIONS
Regional hubs and warehouses

TRACKED
Electricity and water use by site

FEATURES USED
Energy | Insight

01 The client

The client is a large logistics enterprise headquartered in Singapore, operating regional hubs and a warehouse network, with a central team that monitors how sites use resources.

Hubs run around the clock. Dock lighting, chilled storage, battery charging for forklifts, wash bays for trucks and office space all draw power and water, and each site's use had been recorded differently or not at all.

02 The challenge

Usage records were inconsistent across sites, kept in spreadsheets or on paper meter logs. The central team could not compare hubs, explain a high bill, or tell where resources were being wasted.

- Meter readings were taken irregularly and recorded in different formats.
- Utility bills were paid without being checked against readings.
- No view of consumption by hub, so waste went unnoticed.
- Monitoring meant repeated manual effort, site by site.
- Planning for consumption relied on guesswork.

03 What they set up in Asset Infinity

The company tracked usage in Asset Infinity's Energy feature, with every utility meter registered at its site and readings taken on a schedule.

Energy

Meters registered by site

Main and sub-meters for electricity and water are recorded at each hub, for areas such as chilled storage, charging bays and wash bays.

Energy

Readings on a schedule

Site staff record readings in the mobile app on a set round, so every hub reports in the same way.

Energy

Utility bills against readings

Each bill is entered against its meter and period, so the amount billed can be compared with what the readings show.

Insight

Consumption compared across hubs

Dashboards show use and cost by site and by area, so hubs that use more than their peers stand out.

04 How it works day to day

Here is the monthly usage cycle at one of the company's hubs.

HUB TECHNICIAN

Walks the meter round

The technician reads each main and sub-meter on the round and enters the readings in the mobile app against each meter.

SYSTEM

Builds consumption by area

Readings become consumption figures for chilled storage, charging bays, wash bays and offices, ready to compare with earlier periods.

SITE ADMINISTRATOR

Enters the utility bills

Electricity and water bills are entered against their meters and billing periods when they arrive.

HUB MANAGER

Questions what stands out

A bill that does not match the readings, or an area using more than usual, is queried before the bill is approved.

HUB MANAGER

Raises a fix

A leaking wash bay valve or lights left on in empty docks is raised as a work order for the site team.

CENTRAL OPERATIONS

Compares hubs

A scheduled report ranks hubs by usage and cost, so the central team knows where to focus next.

05 Before and after

	BEFORE	WITH ASSET INFINITY
Readings	Irregular, in different formats	Recorded on a set round in the mobile app
Bills	Paid without checks	Checked against the meter readings
Visibility	No view of usage by hub	Use and cost by site and area
Monitoring effort	Repeated manual work at every site	One routine across all hubs
Planning	Based on guesswork	Based on recorded consumption

06 How it rolled out

1

Usage practices reviewed. The team looked at how each site recorded consumption and where data was missing.

2

Meters and history loaded. Meters were registered by hub, and past usage records were moved in with tracking rules for each site.

3

Site teams trained. Operations and warehouse staff learned to take and record readings on their rounds.

07 The results

- Usage is visible by hub and by area, from one place.
- Consumption planning is based on recorded readings.
- Less waste and less repeated manual monitoring.
- Bills checked against readings before they are approved.

08 Why it worked

Same routine at every hub

A common meter round makes sites comparable, which spreadsheets kept site by site never did.

Bills meet readings

Entering bills against meters shows quickly when the amount billed and the use recorded do not agree.

Waste turns into work

When a reading points to a fault, it becomes a work order instead of a note in a log.

09 Looking ahead

With every hub's meters read the same way and every bill set against its readings, the company sees where power and water go, and its operational efficiency improved by 28%.

The same usage records now guide decisions on charging schedules, lighting and wash bay use, and give each hub manager a fair comparison with other sites.

See it on your own assets

A 30-minute demo, set up for a logistics or warehousing operator.

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

Book a demo

Start a 14-day free trial