sub:net/k

SOLUTION GUIDE

Energy sub-metering

See where every kilowatt goes.

Used in: Property management · Manufacturing · Hospitality

THE PROBLEM TODAY

One bill for the whole site. Nobody can say which unit, line or machine is driving it, idle and out-of-hours use goes unseen, and where one meter covers several occupants the landlord absorbs the gap.

WITH SUBNETIK MONITORING

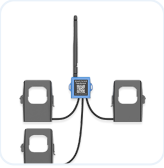
Sub-metering by unit, line or machine, with spikes and out-of-hours use raised as exceptions — fair recharging, evidence against the bill, and data for energy targets.

1 HOW IT FITS TOGETHER

SENSOR	LoRaWAN radio	GATEWAY	Ethernet / 4G	NETWORK SERVER	Secure cloud	DASHBOARD	Rules	YOU
CT3xx		**Milesight UG65**		**LORIOT**		**ThingsBoard**		**Instant alert**
Self-powered clamp		Covers the site		Secure device network		Live view & history		SMS · WhatsApp · email

2 CHOOSE YOUR SENSOR

RECOMMENDED



Milesight CT3xx

Three-phase current clamp

Best for: Distribution boards, production lines and plant — all three phases from one clamp set.

MEASURES	CLAMP	POWER	FITTING
Per-phase energy	**300–1,000 A**	**Self-powered**	**Clip-on, no shutdown**

OR, DEPENDING ON YOUR SITE



Milesight CT10x

Single-phase current clamp

Choose when: Single-phase circuits — individual units, AC units or machines.

Clips round a cable · self-powered · 100–500 A



Milesight EM300-DI

Pulse counter for meters

Choose when: Water and gas — reads existing meters that have a pulse output.

Reads water and gas meters with a pulse output

3 WHERE TO FIT IT

1. **Clamps on main and sub-distribution boards**
   Clips round live cables — no shutdown needed.
2. **One per line, machine or tenant feed**
   Whatever you need to compare or recharge.
3. **Pulse counters on water and gas meters**
   Wires to the meter's existing pulse output.

4 PICK YOUR GATEWAY

SMALL SITE	BUILDING (TYPICAL FOR THIS)	OUTDOOR
UG63	**UG65**	**UG67**
Shop, villa, one floor	Tower, hotel or plant	Community, yard, campus

One gateway serves every sensor on site — confirmed by a short survey.

5 WHAT YOU'LL SEE

Jebel Ali Plant — Hall 2 · ThingsBoard · illustrative

- Line 3 · Main feed
- Line 1 · Main feed
- Compressor house
- Offices · DB-2

Out-of-hours load
Line 3 · 41 kW at 01:00
Assigned to: Energy manager

LINE 3 · LOAD, LAST 24 H (KW)



⚠ Out-of-hours load
Line 3 · 41 kW at 01:00

✓ Line 3 shut down · 01:20
Conveyor left running after shift.

SMS · WhatsApp · Email

Prove it on your own site

We scope a pilot around this problem and configure everything for you.

Talk to Subnetik

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