

# EM 100 ENERGY MANAGEMENT SYSTEM

Enerwise EM100 is the industry's leading built-in WEB controller without requiring to subscribe to any CLOUD portal services, it works stand-alone!

No PC needed for the system

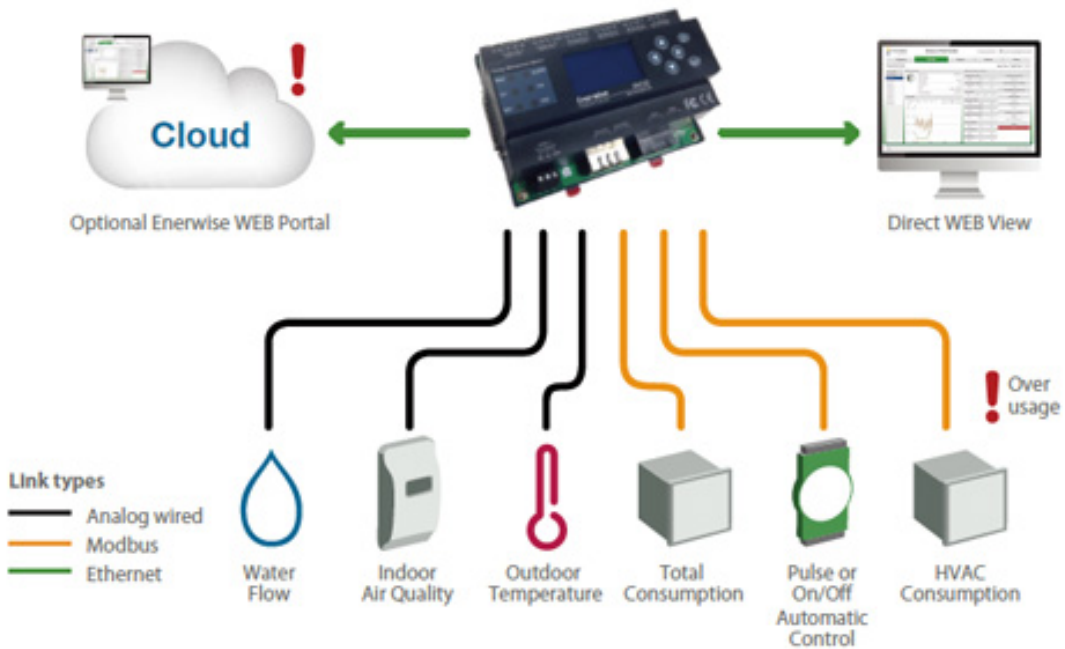
No internet required for data sending to CLOUD

No meters needed when used with CT's

Industrial unit with LCD for simple display



## Typical Usage Diagram:



## Application Scenarios:

### Energy Monitoring and Control Application Guide

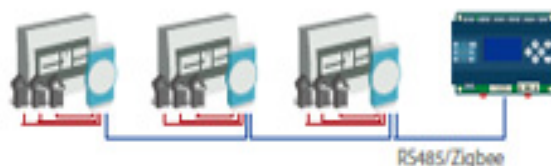
#### CT Direct Connection Max. 6

Split core 10A-50A CT's monitor electrical panel's single phase consumption



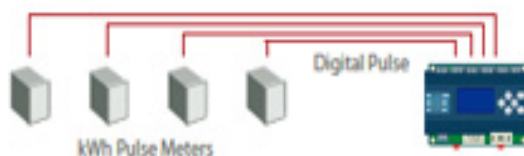
#### Extended CT Connection Max. 120

Expansion modules help link up more electrical panel CT's together



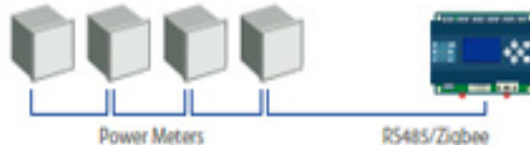
#### Pulse Meter Connection Max. 6

Wh pulses direct connection



#### RS485 Power Meter Connection Max. 50

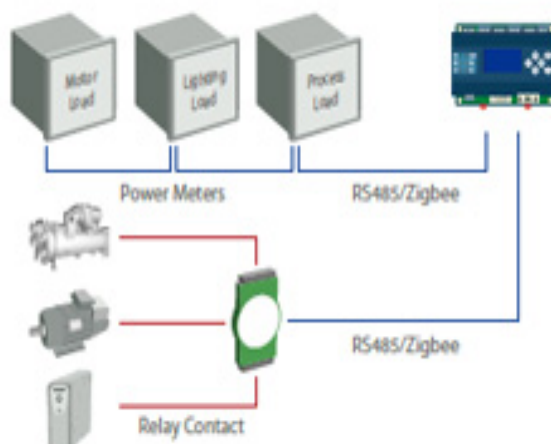
Daisy chain connection method for up to 50 devices maximum



#### Hybrid Power and Control Application

Monitoring of loads via RS485 or CT and relay out module shed loads based on conditions set by the user. Each relay output contact can control 8 different loads.

Zigbee Extender provide wireless conversion between devices.



# Powerful Report Builder:

**Enerwise** Salmon Fish Farm Outstanding Alarms: 9 Logout system@enerwise.asia

Dashboard Application Monitoring **Reports** Alarms My Project

### Energy Management Reports

#### Energy by Activity - Salmon Fish Farm

Report Parameters	
Selected Period	Daily
Selected Date	1/9/2010
By Activity	Application
Sources	Lit, Lighting, HVAC, Process1, Total

**Pie Chart Summary**

Activity	Percentage
HVAC	45.51%
Lit	36.19%
Lighting	~10%
Process1	~8%
Total	~1%

**Select Report Type:** Energy by Activity

**Select Activity:** By Application

**Select Application:**

- Lit
- Lighting
- HVAC
- Process1
- Total

**Select Period Type:** Daily

**Generate**

Settings | Powered by Enerwise Solutions