

Plug-and-play EMS

Energy Usage
and
Power Data
Visualization

Demand-side
Management

Grid Feed-in
Management
and Control

Energy and
Power
Analysis

Load and DER
Management

Lightweight Energy Management with Fourier EMS™

If your business simply has energy loads (such as equipment, HVAC) and wants to have a go of energy management

With FOURIER EMS:

- Lightweight and plug-N-play EMS with simplified topology definition of power distribution, meter and energy controller device management
- Data visualization of energy usage and power data, power quality data
- Data analysis such as trend analysis and anomaly detection
- Demand-side management to reduce demand charge

If your business has DER (distributed energy resource, such as solar PV, battery, etc.)

With FOURIER EMS:

PLUS benefits listed above

- Grid feed-in management based on static setpoints for CSIP-AUS setpoints
- Maximising local renewable energy usage via smart DER and circuit-level load control

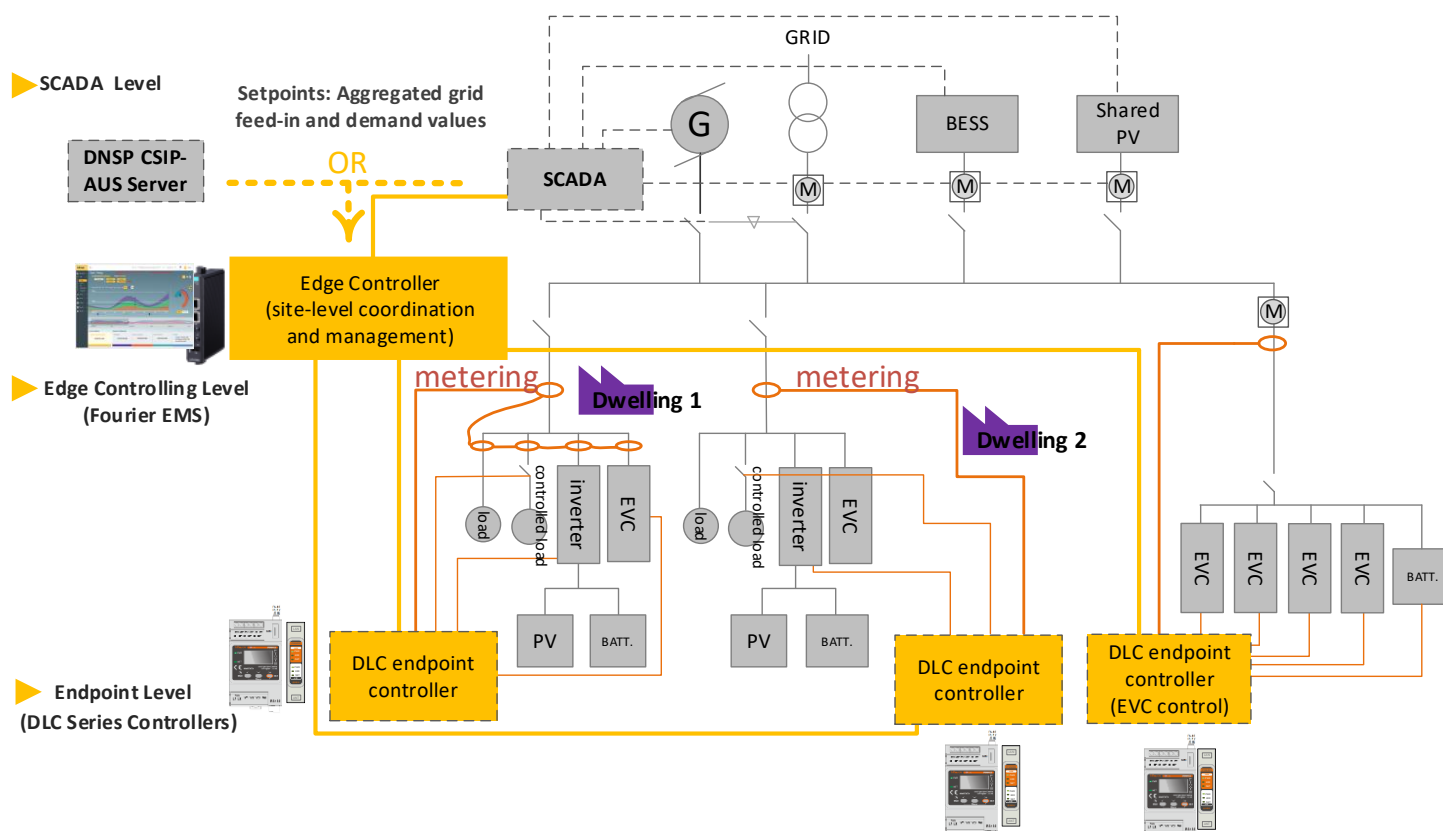
If your business has DERs installed across multiple dwellings

With FOURIER EMS:

PLUS benefits listed above

- Site-level and dwelling-level feed-in and demand management
- Renewable energy shifting and load balancing among dwellings w/ and w/o renewable energy

What We Offer:




What We Offer:

Fourier EMS: Providing interfaces to third-party SCADA systems or CSIP-AUS client, site/zone/circuit topology definition and management, device management, real-time and historical databases, demand-side and DER control logic, load and photovoltaic forecasting functions, microservices, integration of third-party microservices, web-based UI interface, and Microsoft Azure IoT Edge integration*.

Endpoint Controllers (DLC3350, INFICONTROL5): Specifically designed for distributed clean energy scenarios, the end controllers combine functionalities such as distributed energy control, load control, power and energy metering, along with rich communication, measurement, and I/O expansion capabilities.

Although most of the above functions are plug-and-play, we still provide system network architecture design and necessary secondary development services.

 To learn more about **Fourier EMS**, please visit our website or enquire about this product