



Metering solutions in embedded networks

The Problem

Multi-dwelling or embedded network sites often share a single NMI, creating complex challenges in tracking each user's solar contribution, grid import, and battery use. Without accurate data, billing, control, and export management become unreliable.

Our Solution

Marshall delivers a combined metering and control solution. A single Marshall Ultra at the MSB measures total site import/export, while Marshall BB units at each dwelling record grid and PV data individually. The Marshall Cloud platform aggregates this information to calculate each unit's true energy mix and enables battery control or energy sharing across the network.

Outcome

Site owners gain full oversight and billing accuracy. Residents can view their real-time consumption and solar performance, while operators maintain central control over exports and loads. The embedded network functions as one coordinated system without losing per-dwelling transparency.