Large inverters >200kVA

The Problem

Large commercial and public-sector solar sites often exceed the 200 kVA threshold and must meet DNSP export control requirements. In scenarios with big sites and multiple inverters/brands, clients struggle to natively communicate with DNSP servers, making compliance difficult and expensive.

Our Solution

Marshall acts as the communication bridge between the inverter fleet and DNSP server using CSIP-AUS. At sites in rural Victoria, multiple inverters - SMA, Fronius and others - are managed under a single Marshall control network. Marshall dynamically adjusts export levels in response to utility commands while maintaining full data visibility and uptime.

Outcome

The system remains compliant under all DNSP conditions and avoids the high cost of installing GMM infrastructure. Operators have real-time control and reporting across large inverter arrays, and the site exports exactly what the grid allows - no more, no less.