

Smart Metering

Single-Phase
Meters

Three-Phase
Meters

Prepayment
Meters

Data Concentrator
Units

Head-End & Meter
Data Management

Core Products

- Single-phase meters
- Three-phase meters
- Prepayment meters
- Data Concentrator Units (DCUs) – gathers readings from multiple meters and sends data to a central system for analysis.
- Meter Data Management (MDM) software – reads meters remotely and detects meter tampering or unexpected losses to ensure billing accuracy.
- Digital platform - monitors usage, revenue, and network performance in real-time.

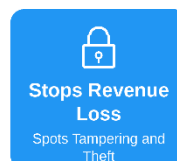
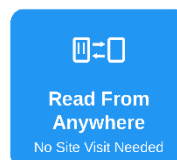
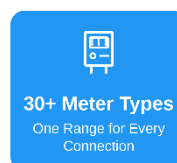
Capabilities

- Metering study and rollout planning
- Communication network design and integration
- Equipment supply, installation, testing, commissioning and certification
- Tariff, prepayment and billing setup
- MDM and digital software setup and integration
- Operation & Maintenance services

As demand grows and distributed energy becomes more common, greater emphasis is placed on efficiency, including how electricity is monitored and managed. Conventional metering systems designed for one-way power flow and periodic manual readings are no longer sufficient.

Advanced meters, also known as smart meters or Advanced Metering Infrastructure (AMI) meters, address this gap. Rather than functioning as a standalone device, AMI integrates smart meters, communication networks and data management systems to enable secure two-way information exchange between utilities and customers.

Terra Sol provides a complete range of metering solutions, from wall mounted meters to the software that manages readings and billing. Our range includes over 30 internationally certified meter types, used in more than 20 countries.



Accurate

Connected

Certified