



Integrated Line Loss Reduction Infrastructure

——Empowering Utilities for Operational Excellence and Sustainable Revenue Growth

Hexing Group

浙江省杭州市莫干山路1418-35号

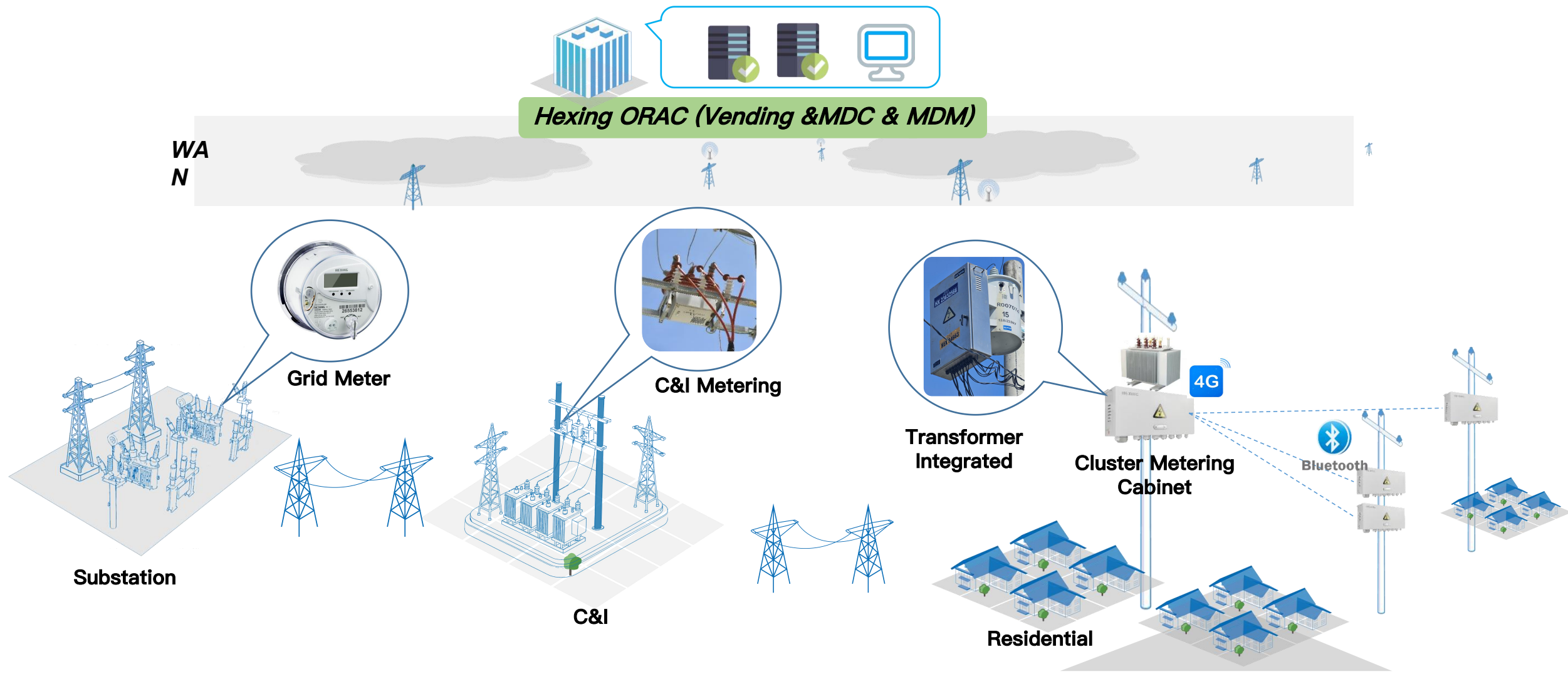
www.hxgroup.com

+86-571-28020769

股票代码 : 603556

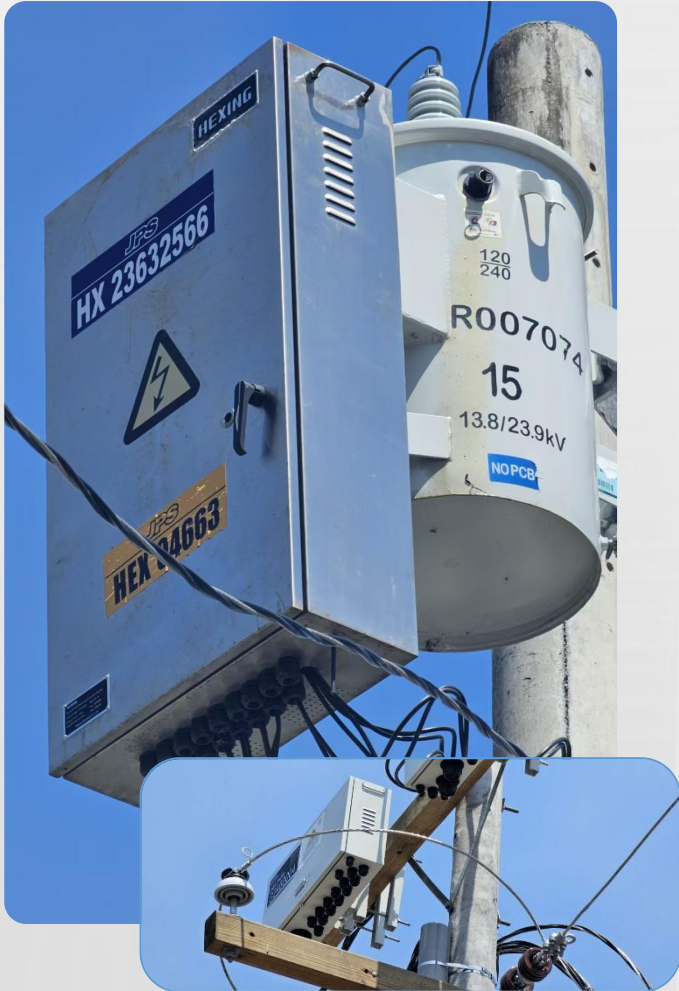
Solutions

Hexing focuses on providing end-to-end infrastructure solutions for reducing line loss, offering near real-time line loss calculations across the entire power supply and consumption side, as well as end-to-end anti-theft equipment covering transformers to end-user metering points.



Integrated Distribution Transformer + Cluster Metering Solution

— Leaving complexity in the local factory, bringing simplicity to the field.



Simplify On-Site Installation

Highly integrated transformer and centralized metering. No exposed wiring. Local factory pre-assembled. Dramatically accelerates on-site installation.



High-Voltage Sealing

High-voltage side sealing and full-protection enclosures physically sever theft pathways.



Ultimate Anti-Tampering

Eliminates external exposure points. Prevents unauthorized wiring. Eradicates tampering attempts.

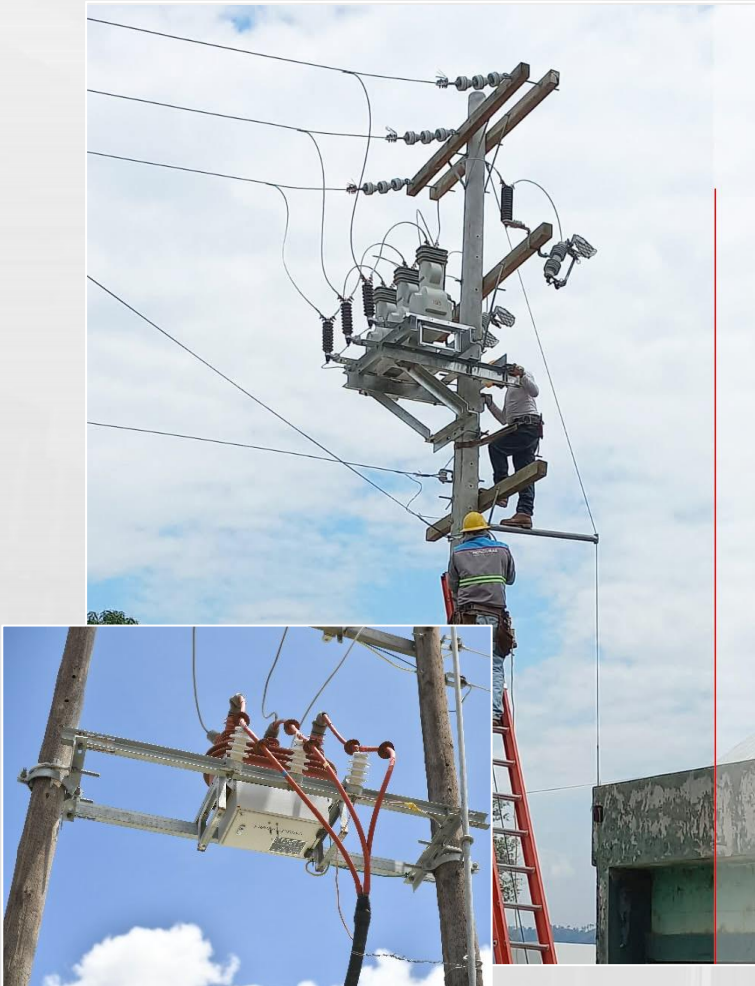


Balance Meter Inside

Integrated Balance Meter in Cluster Metering Cabinet, supporting near real-time line loss analysis.

C&I High-Voltage Integrated Anti-Theft & Prepay Solution:

— Protect core revenue streams and safeguard cash flow.



High-Altitude Physical Barrier

Pole-mounted high-level installation creates a natural spatial partition, ensuring the meter is "Out of Sight, Out of Reach" for unauthorized personnel.



High-Density Integrated Design

A unified architecture merging the CT/PT and metering box to eliminate exposed secondary circuits, sealing off all potential wiring loopholes.



Smart Prepayment & Breaker Linkage(Optional)

Real-time synchronization with Breaker enables automated credit-based control and remote disconnection for arrears.



Optimized Field O&M Efficiency

The high integrated design reduce field installation time. Diagnostics via wireless HHU significantly enhancing safety and reducing operational costs.

Cerberus: All-in-one License and Security Management Solution

— Delivering End-to-End Operational Sovereignty and airtight audit trails field-force management.

Zero-Trust Permissions



Dynamic operator access control to eliminate internal leak risks.

Comprehensive Audit Trail



100% record of "Who, When, Where, and Why" a cabinet was accessed, secured by GPS and time-stamps.

Centralized Key Management

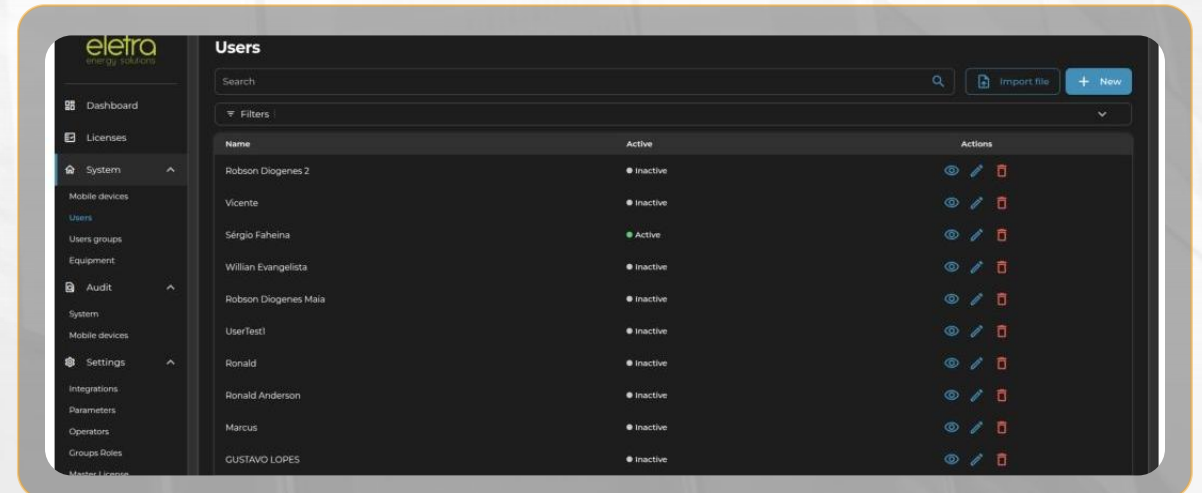
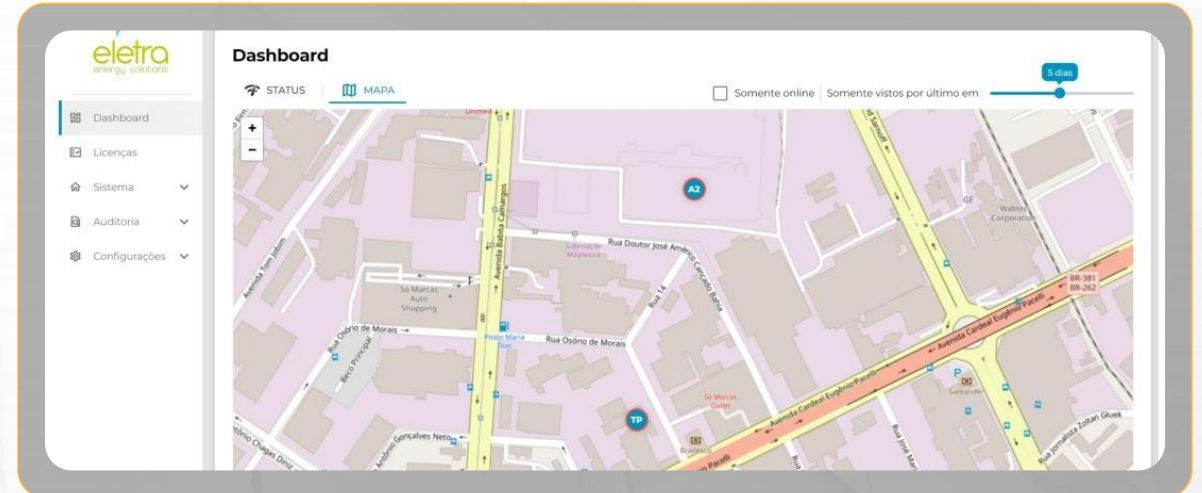


Secure, encrypted management of meter access credentials, eliminating password leakage and streamlining field O&M.

End-to-End Security Assurance



Uses AES-128 encryption and ECDSA digital signatures to ensure absolute security of data transmission and usage.



Benefits



Dashboards: Data-Driven ROI Optimization

— Real-time display of energy supply and consumption; Real-time monitoring, analysis, and diagnosis of losses

Real-time Loss Transparency



Eliminate informational lag with live visualization of the supply-demand balance, pinpointing energy leakages instantly across the entire grid.

Proactive Diagnostic Analytics



Shift from "Reactive Patching" to "Proactive Prevention" using automated loss diagnosis to identify high-risk zones before financial impact escalates.

Asset Health & Operational Sovereignty



Maintain absolute command over infrastructure through a unified dashboard that monitors equipment health and field-force operational compliance.



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