OmniTrust

DATA SHEET

GRIDAUTH

Take control of device identity and secure trust across your connected grid

Your grid. Your devices. Your trust.

KNOW YOUR DEVICES
Connect physical devices to trusted identities and credentials

SIMPLIFY PROVISIONING
Streamline certificate issuance across device workflows

MAINTAIN TRUST
Improve visibility into device identities and trust history

BUILT FOR THE GRID
Support connected fleets across utilities and manufacturers

Device identity, translated into utility control
GridAuth connects physical devices, trusted identities and certificate workflows, while OmniTrust provides the operational PKI infrastructure underneath.



GridAuth helps energy utilities take control of device identity and trust across connected infrastructure, while enabling manufacturers to securely provision trusted devices.
As utilities deploy smart meters and field equipment from multiple suppliers, they need consistent visibility, greater independence and long-term control over operational trust.

GridAuth simplifies device identity workflows, certificate provisioning and issuance tracking, backed by OmniTrust PKI. From manufacturing identity to utility-controlled trust, GridAuth provides a foundation for connected grid security.

From product to trusted device:

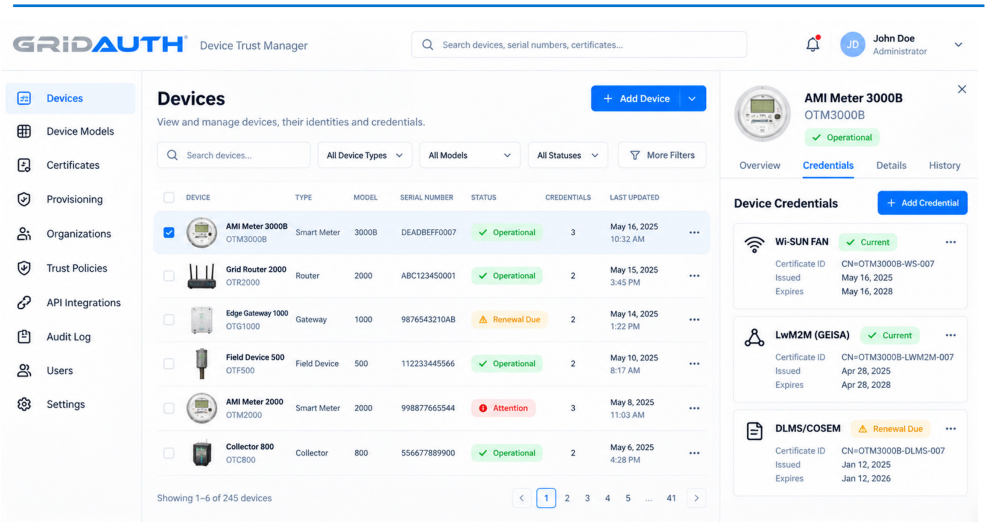
1. DEFINE
Create trusted product models and establish device identity requirements

2. PROVISIONING
Identify physical devices and securely submit certificate requests

3. TRUST
Issue standards-based identities backed by trusted PKI infrastructure

4. TRACK
Track device identities, certificates and complete issuance history

5. SCALE
Extend provisioning from testing to automated, API-driven operations



GridAuth Device Trust Manager

A device-centric view of identity and trust across the grid

- Device Identities
- Certificate Provisioning
- Device Inventory
- Credential History
- Trust Visibility

FOR DEVICE MANUFACTURERS

Provision trusted devices at scale.

Define Product Identities
Associate hardware models with device identity and certificate requirements.

Accelerate Development & Testing
Obtain trusted credentials through simplified provisioning workflows.

Provision Individual Devices
Bind device identities to serial numbers and certificate requests.

Maintain Traceability
Track device identities, certificate issuance and history.

Automate Production
Integrate repeatable identity provisioning into manufacturing workflows.

FOR ENERGY UTILITIES

Control the trust behind your grid.

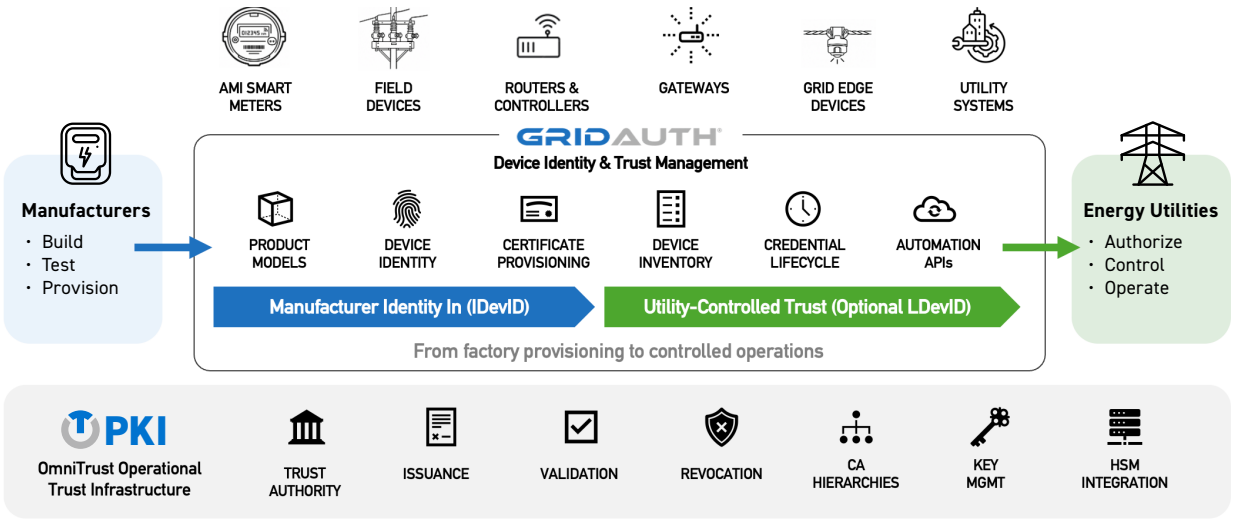
Reduce Vendor Dependence
Build toward trusted device operations across multiple equipment suppliers.

Control Operational Trust
Define utility trust requirements and enable a path to utility-owned credentials.

Know Your Connected Devices
Connect physical assets with device identities and certificate records.

Support Long-Lived Infrastructure
Plan for evolving trust needs across devices deployed for decades.

Prepare for Post-Quantum Cryptography
Build toward crypto agility and future PQC transitions.



OmniTrust PKI Standards & APIs - | EST | ACME | SCEP | CMP | REST | gRPC

Built for today, ready for what's next:

AMI & SMART METERING
Trusted identities for smart meters and connected AMI infrastructure.

MULTI-VENDOR UTILITIES
A path to consistent device trust across multiple equipment suppliers.

UTILITY-CONTROLLED TRUST
Establish a path to utility-controlled identities and trust domains.

LONG-LIVED GRID ASSETS
Support evolving certificate and cryptographic needs over decades.

Wi SUN
Purpose-built support for Wi-SUN FAN and AMI 2.0.

ABOUT OMNITRUST

OmniTrust (formerly INTEGRITY Security Services) secures the connected world — from silicon to cloud systems and AI — by delivering verifiable, enforceable trust across the entire device and software lifecycle. As the leader in Trust Lifecycle Management, OmniTrust ensures security from design and provisioning through operation, update and retirement, protecting more than 2 billion devices and 3 billion software updates per year. OmniTrust enables full-lifecycle security across the chain of trust for companies in the automotive, aerospace and defense, finance, healthcare and other safety-critical, regulated sectors.

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