



 **TORUS**

&

 **brivo**

voltera

**VOLTERA POWER
TRANSFORMS EV CHARGING
STATION MANAGEMENT
WITH CLOUD-NATIVE
KEY CONTROL**

HOW TORUS & BRIVO-INTEGRATED SOLUTION CUT EMERGENCY RESPONSE TIMES BY 50% WHILE ELIMINATING \$16,000+ IN DEPLOYMENT COSTS

Overview

When Voltera Power needed to secure critical equipment across eight commercial EV charging station sites, they discovered their on-premises key management system relied on outdated network architecture and prevented remote access during technical outages.

By implementing the Torus solution with Brivo integration, Voltera transformed their operations - cutting emergency response times by 50% and enabling remote servicing of its charging stations for the first time.



The Challenge: Modern Infrastructure Held Back by Outdated Security

Voltera Power builds and operates commercial EV charging stations - cutting-edge infrastructure that demands equally modern security solutions. As they prepared to deploy key management across eight sites, they faced a critical challenge that threatened their operational efficiency.

Their legacy key cabinet solution revealed major limitations:

- **No Remote Management:** Managing on-premises key cabinets would require structuring their network in an outdated way, incompatible with their cloud-first infrastructure approach.
- **Emergency Response Delays:** During technical outages, staff would need to drive to sites just to provide technicians with physical key access - a costly delay for time-sensitive EV infrastructure.
- **Integration Gaps:** As existing Brivo access control users, they needed a solution that would extend their security ecosystem, not create another silo.
- **Scaling Complexity:** Deploying traditional systems across 8 sites would require extensive on-site configuration and travel.

"The monthly costs of internal time wasted in managing keys was becoming unsustainable," the team realized. For a company building the future of transportation infrastructure, using yesterday's security technology simply wasn't an option.



The Solution: Cloud-Native Integration That Just Works

Voltera Power chose Torus - a decision that immediately transformed their key management from a liability into an operational advantage.

Seamless Cloud Architecture

Unlike legacy on-premises systems, Torus's software application is built natively in the cloud. This means unlimited cabinets connect directly to the application without requiring complex network configurations. For Voltera, this meant instant remote management capabilities without IT infrastructure overhaul.

Native Brivo Integration

The game-changer was the integration with Brivo access control. Because both platforms are enterprise cloud solutions, Torus became a natural extension of Voltera's existing security system. Now, when Voltera assigns a technician access to a gated area through Brivo, they simultaneously grant key access through Torus - all managed from one interface.

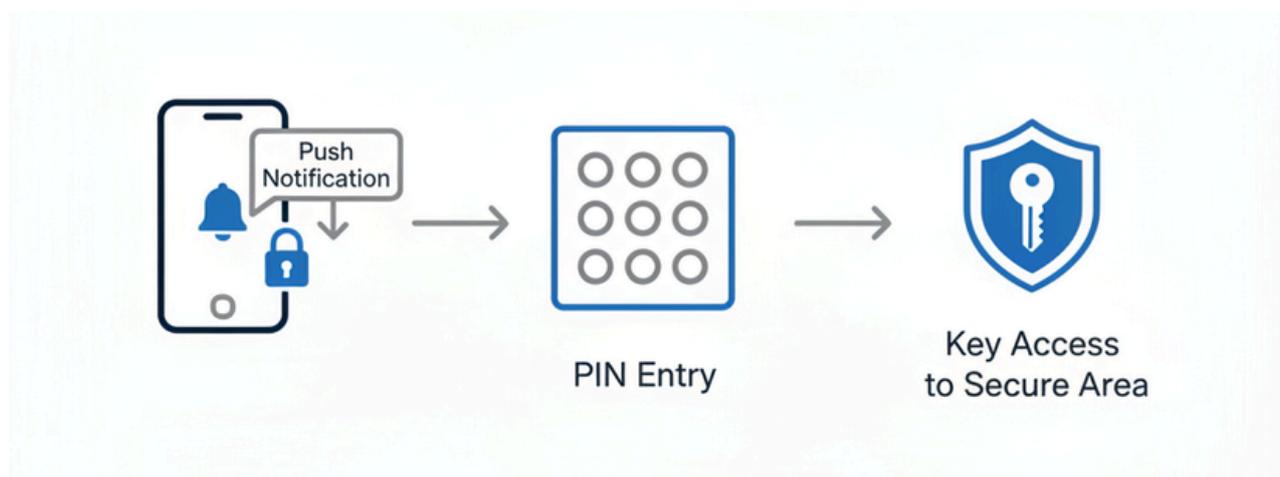
Simplified Access for Technicians

The elegance of the solution shines in its simplicity:

1. Technician receives a notification with a PIN code.
2. Same PIN works for both Brivo gate access and Torus key cabinet.
3. Complete access granted remotely in minutes, not hours.

Zero-Touch Deployment

Perhaps most impressively, Torus eliminated the traditional deployment headaches. Instead of flying staff to each location, Voltera simply connected the Torus hardware and completed remote onboarding - saving over 30 hours and \$2,000 in travel expenses per site.



The Results: Measurable Impact Across Every Metric

The transformation was immediate and quantifiable.

50% Reduction in Emergency Response Time

When EV charging stations experience technical issues, every minute counts. Torus cut Voltera's emergency response time in half by eliminating the need to coordinate physical key handoffs.

\$16,000+ in Deployment Savings

Across eight sites, remote deployment saved:

- 240+ man hours of staff time
- \$16,000 in travel expenses
- Weeks of implementation timeline

Complete Remote Serviceability

For the first time, Voltera's EV charging stations are fully remotely manageable. Technicians can be dispatched and granted access without any on-site staff involvement - a capability that was impossible with on-premise solutions.

Enhanced Security and Accountability

- Keys are now secured when not in use (previously impossible with manual management)
- Complete audit trail shows who accessed keys and when
- Centralized visibility across all eight sites from a single dashboard

Operational Efficiency Gains

The convenience factor proved immeasurable - no more coordinating key handoffs, no hired technicians on standby, no driving to remote sites for simple access requests. Staff previously tied up in key management can now focus on higher-value activities.

50% faster
response ↑

\$16,000
saved ↑



Why Torus: The Clear Choice for Modern Enterprises

Voltera's success highlights three critical advantages that set Torus apart:

1. **True Cloud-Native Architecture:** While competitors require outdated network configurations, Torus was built for the cloud from day one.
1. **Enterprise Integration:** Native Brivo integration means one system, one PIN, one source of truth.
1. **Remote Everything:** From deployment to daily management, everything happens remotely.

For organizations already using Brivo, Torus isn't just another system to manage—it's a natural extension of your existing access control. For those stuck with on-premise solutions, it's a glimpse of what modern key management should be.

Ready to Transform Your Key Management?

Join forward-thinking companies like Voltera Power who are eliminating the inefficiencies of traditional key management. Whether you're managing EV infrastructure, critical facilities, or distributed locations, Torus delivers the cloud-native control you need.

See Torus in Action

Talk to an expert now to discover how Torus can:

- Integrate seamlessly with your Brivo access control system
- Cut your emergency response times by 50% or more
- Save thousands in deployment and operational costs
- Scale effortlessly across multiple locations

Don't let outdated key management hold back your modern infrastructure.

[Talk to an expert](#)

COMPLETE CONTROL AT YOUR FINGERTIPS

Control every key across your enterprise network, ensuring only authorized staff access critical assets. You'll also benefit from a secure, scalable system designed to meet the demands of the industry.



Easy to install

With POE, DHCP and no local server requirements, Torus can be fully installed within an hour.



Cloud native

Seamlessly connect key cabinets without any IT hassle and access the software from anywhere.



Certified security

Gain peace of mind with a team of over 3500 Microsoft cybersecurity experts working to safeguard your data.



Remote key control

Make fast, informed decisions with insightful dashboards and reports accessible from anywhere, anytime.



Unlimited scalability

Use one account for unlimited keys, cabinets and campuses – perfect for organizations with multiple facilities.



SMS and email alerts

Resolve security issues faster and keep the right people informed with real-time notifications.



Return on investment

Eliminate labor costs, contractor fees and the price of changing locks.



Solution for the future

Torus keeps evolving with over-the-air updates – making it a smart, long-term investment.

DELIVERING SAFETY, SECURITY AND OPERATIONAL EFFICIENCY TO YOUR FACILITY

SAFETY

Exception reporting

Torus reports on overdue keys, changes to access rights, unauthorized access attempts and deleted users

Full audit trails

We audit every key event or action that takes place in your organization so users are always accountable

Electrical safety

Torus has achieved the highest levels of electrical and radio frequency safety certifications

SECURITY

Multi-custody keys

We ensure dual or multi-authentication to access critical keys and assets.

Access schedules

Torus grants or restricts access to keys based on day and/or time restrictions.

Real-time alerts

Torus sends you real-time SMS and email alerts on key transactions.

EFFICIENCY

Automated access

Torus ensures keys are available 24/7 to authorized users - no need for security personnel to manage keys manually.

Key return assurance

Torus ensures that keys are always returned and never leave the campus.

Seamless integration

Torus integrates with existing access control and other third-party systems.

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