

AVI-ON ACHIEVES UL'S HIGHEST IOT SECURITY RATING – DIAMOND LEVEL



Avi-on's Unmatched Technology in Connected Lighting Security

Sept 27, 2023

Northbrook, Ill. – UL has awarded Avi-on its highest possible IoT Security Rating—**Diamond**—a level no other system has achieved, nor come within two levels of.

This recognition establishes Avi-on as the only commercial lighting company to reach UL's Diamond standard, reaffirming our leadership in delivering the most secure, scalable, and trusted lighting control platform in the industry.

About the UL IoT Security Rating

The UL IoT Security Rating provides an independent, third-party verification of connected product security based on UL 1376, a comprehensive evaluation standard for IoT ecosystems.

Ratings—**Bronze, Silver, Gold, Platinum, and Diamond**—measure how well a product defends against known and emerging threats.

Avi-on's Diamond Rating represents the pinnacle of IoT security, reserved for systems demonstrating the strongest technical protections and governance practices.

What UL Evaluated

Under UL 1376, Avi-on's systems underwent extensive testing and validation across every layer of security, including:

- **Device security** — hardware-level encryption and tamper resistance
- **Network and inter-device security** — authenticated communication between devices
- **Data transmission** — encrypted traffic over public and private networks
- **Cloud infrastructure** — redundant, monitored, and hardened systems
- **User management** — secure credentials, role-based permissions, and access controls
- **Corporate security policies** — lifecycle maintenance, escalation, and continuous improvement

UL's process goes beyond SOC 2 and other standard audits, incorporating **hands-on penetration testing**, threat simulation, and continuous compliance verification.

Third-Party Testing and Continuous Improvement

Avi-on's partnership with UL reflects an ongoing commitment to transparent, verifiable security.

With every software release, Avi-on conducts third-party certification reviews, threat testing, and security documentation updates to maintain compliance with UL's Diamond-level requirements.

This disciplined approach ensures **end-to-end protection**—from device firmware to cloud services—and keeps Avi-on ahead of evolving cybersecurity demands.

Why It Matters

For customers, integrators, and partners, **Avi-on's UL Diamond Security Rating delivers unrivaled assurance:**

- Verified by UL, the industry's most trusted certification body
- Proven to meet the most advanced IoT security standards
- Supported by ongoing, independent testing and compliance
- Two full levels above any other system in the lighting industry

Avi-on's UL Diamond rating isn't just a certification—it's a **benchmark for trust, innovation, and long-term reliability in connected lighting.**



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