Equinix and Sunbird Integration: A Unified Solution for IT and OT Asset Management

Application Note

Case Study

- **Background.** One of the world's leading Credit Unions in the United States, faced increasing challenges in managing its sprawling IT infrastructure. With a mix of physical assets spread across owned and leased data centers, the organization required better visibility and control over its infrastructure to ensure compliance, security, and operational efficiency.

- **Implementation.** By adopting the Equinix and Sunbird unified solution, the Credit Union was able to centralize asset and power management under one platform. The integration of Sunbird's DCIM system allowed the Credit Union to ingest critical operational data from Equinix's colocation centers and manage everything from power consumption to equipment status across its entire footprint.

- **Outcomes.** As a result, the Credit Union achieved significant operational cost reductions, improved monitoring capabilities, and enhanced visibility across its entire infrastructure. The "single pane of glass" approach allowed IT and OT teams to collaborate effectively, addressing issues more quickly and improving overall uptime.

The Need for Unified IT and OT Asset Management

As enterprises expand and adopt hybrid data center strategies, managing both IT and OT assets has become more complex due to siloed tools and fragmented visibility. DCIM systems typically handle infrastructure like power and cooling, while IT asset management tools focus on equipment monitoring and lifecycle management. This separation leads to inefficiencies, manual work, and inconsistent data.

The integration of Equinix's colocation services with Sunbird's DCIM platform offers a unified solution that consolidates data from both physical infrastructure and IT assets into a single interface. This "single pane of glass" approach improves operational visibility, reduces errors, and enhances decision-making across owned and leased environments.
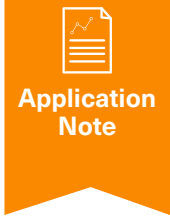
Increase Operational Efficiency

- Single Pane of Glass — Monitor everything from power and cooling to asset utilization through a single interface to allow IT and OT teams to collaborate more effectively.

- Reduce Risk — With integrated telemetry, optimize utilization of capacity while balancing the introduction of overprovisioning and risk to operations.

- Improve Response Times — Real-time insights improve response times for outages or performance issues, reducing downtime and associated costs.

Drive Cost Efficiency

- Consolidate Toolsets — Reduce costs associated with licensing, maintenance, and support.

- Optimize Power Usage — Gain a comprehensive view of energy consumption across data centers to optimize power usage, directly lowering operational expenses.

- Intelligently Plan Capacity —Identify underutilized resources, reduce overprovisioning, and cut unnecesary costs.
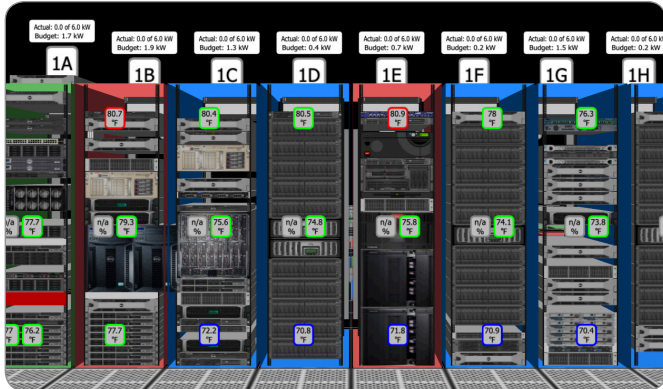
Enable Scalability and Flexibility

- Unify Hybrid Environments —Seamlessly manage physical and virtual assets across owned and leased facilities, eliminating the complexity of hybrid data center operations.

- Adapt to Evolving Needs — Support dynamic business growth with API-driven integrations that scale as infrastructure changes.

- Standardize Across Locations — Apply consistent processes and visibility across global data centers, regardless of site ownership or equipment vendors.

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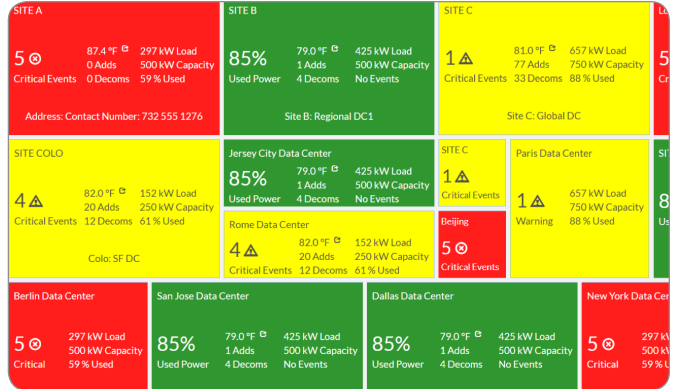
3D Digital Twin Visualization

Simplify remote management with a digital twin of all your sites. See rack contents including name, make, model, and status and overlay power and environmental readings.
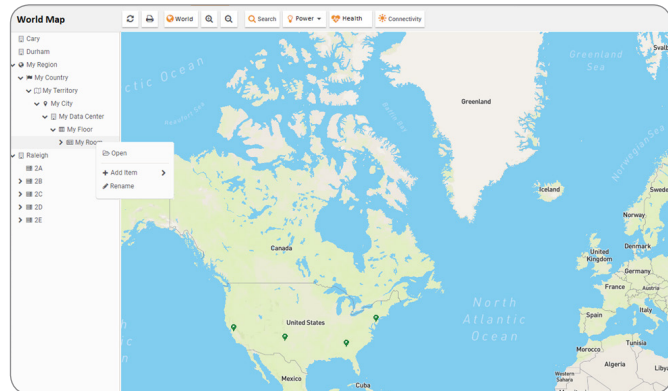

Enterprise Health Dashboard

A single pane of glass to view key performance indicators about each site such as health, temperature, power, and changes with easy drilldown to more details.

World Map Visualization

Visualize the location and health of all your owned and leased sites by address or GPS coordinates with a clear red/yellow/green health status for each site.

Enterprise Overview Dashboard

Understand real-time resource utilization for better space, power, cooling, and port capacity planning. See how much capacity you're using and how much is available.

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Sunbird Software is changing the way data centers are being managed. With a focus on real user scenarios for real customer problems, we help data center operators manage tasks and processes faster and more efficiently than ever before, while saving costs and improving availability. We strive to eliminate the complexity they have been forced to accept from point tools and home grown applications, removing the dependency on emails and spreadsheets to transform the delivery of data center services. Sunbird delivers on this commitment with unexpected simplicity through products that are easy to find, buy, deploy, use, and maintain. Our solutions are rooted in our deep connections with our customers who share best practices and participate in our user groups and product development process.

Based in Piscataway, NJ, Sunbird serves over 2,000 DCIM customers worldwide. For more information, please visit SunbirdDCIM.com.