



EQUINIX

hyperview

# Modernizing Data Centers for the AI Era

Unlocking the Power of Your Equinix Infrastructure:  
Hyperview's DCIM data Integration

# EXECUTIVE SUMMARY

Jad Jebara, President & CEO, Hyperview

In today's rapidly evolving digital landscape, organizations face unprecedented challenges in managing their infrastructure. The emergence of AI workloads, coupled with increasing data processing demands, has fundamentally transformed how we think about data center operations. Organizations are no longer simply managing space and power; they're coordinating complex digital environments that must adapt and scale with unprecedented agility to keep up with customer demand and stay competitive.

As someone deeply involved in the data center industry, I've seen firsthand how the AI boom has reshaped cloud infrastructure requirements. The rapid growth in AI development brings exciting opportunities, but it also presents significant operational challenges. The key question facing our industry is clear: how do we effectively manage and optimize our infrastructure to meet these emerging demands while maintaining operational excellence?

The answer lies in intelligent infrastructure management, and this is where our work with Equinix proves transformative. The Hyperview Equinix DCIM data Integration represents a significant leap forward in how organizations manage their colocation infrastructure. By bridging the gap between sophisticated monitoring systems and operational needs, this integration enables organizations to achieve unprecedented visibility and control over their Equinix deployments.

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As AI and digital transformation are reshaping infrastructure requirements, we must provide our customers with sophisticated management capabilities. The integration between **Equinix** and **Hyperview** empowers organizations to maximize the value of their Equinix infrastructure while maintaining agility and control in today's dynamic environment.

— Jenny Vavra, Vice President, Enabling Services, Equinix

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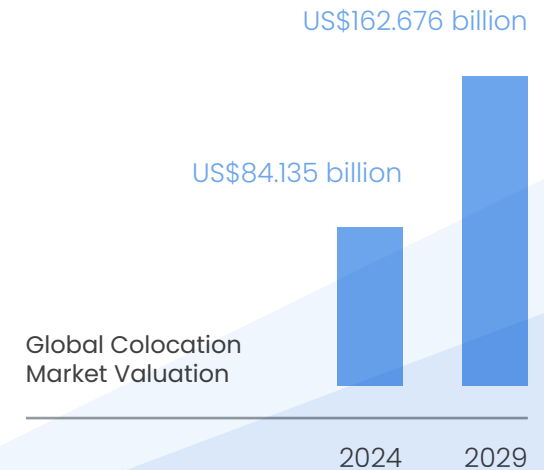
The integration of **Hyperview DCIM** and **Equinix** DCIM data is a strategic leap forward in next-generation infrastructure management, combining advanced visibility and control to optimize data center operations. **CI** is proud to have played a key role in shaping and evolving these solutions, driving innovation and bringing future capabilities to the industry.

— Michael Wasser, Vice President, Cloud Operations, CI

# The Evolution of Data Center Management

The data center landscape has undergone a remarkable transformation over the past decade. The global colocation market continues to expand at an unprecedented rate, with valuations reaching US\$84.135 billion in 2024 and projections suggesting growth to US\$162.676 billion by 2029. Yet these numbers tell only part of the story. The real transformation lies in how organizations are rethinking their approach to infrastructure management.

Traditional approaches to infrastructure management, once sufficient for simpler environments, now struggle to meet the demands of modern digital operations. The emergence of AI workloads, edge computing, and distributed applications has created a level of complexity that demands a more sophisticated approach. Organizations need more than just data about their infrastructure, but actionable insights that enable informed decision-making.



# The Strategic Imperative

Within Equinix's International Business Exchange™ (IBX®) data centers, organizations have access to world-class infrastructure that powers their digital transformation initiatives. However, the true value of this infrastructure can only be realized through effective management and optimization. This is where the strategic importance of infrastructure management becomes clear.

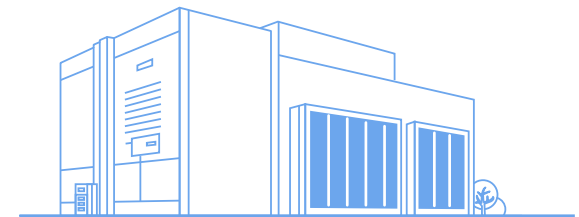
Modern data center operations require a delicate balance of performance, efficiency, and scalability. Teams must maintain precise control over their environment while staying agile enough to respond to changing business demands. The ability to access and act upon real-time infrastructure data has become not just an operational advantage, but a strategic necessity.

## Understanding the Equinix DCIM data Integration

The Hyperview Equinix DCIM data Integration is a breakthrough in infrastructure management, creating a seamless bridge between colocation providers and customers. This sophisticated integration enables organizations to transcend traditional boundaries of infrastructure management, providing access to real-time data and actionable insights within their Equinix deployments.

At its foundation, the integration automates the synchronization of critical infrastructure data, from physical location hierarchies to granular sensor readings. This automation eliminates the manual processes that traditionally created barriers between infrastructure capabilities and operational needs, enabling a new level of control and visibility.

PERFORMANCE  
EFFICIENCY  
SCALABILITY



# Transforming Infrastructure Management

## Unprecedented Visibility and Control

The integration transforms how organizations monitor and manage their infrastructure within Equinix facilities. Real-time monitoring of power usage and environmental conditions provides immediate insights into infrastructure performance. The automated provisioning of locations and racks streamlines deployment processes, while a comprehensive view across multiple Equinix IBX locations enables truly unified infrastructure management.

Organizations gain the ability to monitor their entire infrastructure footprint through a single interface, with automated data collection ensuring that decisions are always based on current, accurate information. This real-time visibility extends across all aspects of infrastructure operation, from power usage to environmental conditions.

## Advanced Capacity Planning and Optimization

In today's dynamic digital environment, effective capacity planning has become crucial for operational success. The DCIM data Integration enables sophisticated capacity management through accurate, real-time data collection and analysis. Organizations can forecast capacity requirements with unprecedented precision, identifying potential constraints before they impact operations.

### UNIFIED INFRASTRUCTURE LENS



- ← Visibility and control
- ← Capacity planning
- ← Optimization

The system's predictive analytics capabilities enable proactive capacity management, helping organizations identify and eliminate underutilized resources. This optimization extends across power, space, and cooling resources, ensuring maximum efficiency in infrastructure utilization.

As demand surges, efficient resource allocation is more critical than ever. Metrics such as **Power Utilization Effectiveness (PUE)** shed light on widespread inefficiencies, with an average PUE of 1.6 indicating that nearly 40% of capacity is underutilized across many facilities. To address this, Hyperview integrates **Power Capacity Effectiveness (PCE)** metrics, providing real-time insights into the alignment between IT asset usage and contracted power.

By focusing on both PUE and PCE, operators can identify and mitigate energy waste down to individual assets, ensuring resources are precisely aligned with demand. This dual approach not only enhances operational efficiency but also reduces environmental impact, allowing organizations to meet increasing capacity demands sustainably.

## Strategic Cost Management

Cost control in colocation environments requires precise monitoring and proactive management. The integration provides real-time tracking of power usage against contracted capacity, enabling organizations to prevent costly overages before they occur. Automated alerts notify teams when usage approaches predefined thresholds, allowing for immediate action to optimize consumption patterns.

This precise monitoring also provides valuable data for contract negotiations and capacity planning. Organizations can make informed decisions about infrastructure investments based on actual usage patterns and trends, optimizing their colocation spending while ensuring adequate capacity for growth.

### SMARTER SPENDING THROUGH REAL-TIME INSIGHT



- ← Track usage vs. limits
- ← Get alerts before overages
- ← Use trends to plan and save

## Enhanced Compliance and Reporting

Regulatory compliance and reporting requirements continue to evolve, demanding more sophisticated tracking and documentation capabilities. The DCIM data integration automates data collection for regulatory reporting, including energy efficiency directives and environmental compliance requirements. Customizable reporting tools enable organizations to generate detailed reports for both internal stakeholders and external auditors.

The system maintains comprehensive historical data, enabling trend analysis and long-term planning. This historical perspective proves invaluable for compliance documentation and strategic planning, providing insights that inform future infrastructure decisions.

## Operational Excellence Through Automation

The integration drives operational efficiency through comprehensive automation of routine tasks. Workflow automation streamlines processes from initial deployment through ongoing management, significantly reducing the time required for infrastructure administration. The elimination of manual data entry not only saves time but also reduces the risk of errors that can impact operations.

IT and facilities management teams benefit from automated data collection and analysis, freeing them to focus on strategic initiatives rather than routine monitoring tasks. This shift from manual operations to automated management represents a fundamental transformation in how organizations approach infrastructure management.

### EFFICIENCY UNLOCKED BY AUTOMATION



- ← Automate routine workflows
- ← Save time, reduce errors
- ← Focus teams on strategy

## Implementation and Integration

The path to successful implementation begins with proper preparation.

Organizations need to ensure several key prerequisites are in place:

First, verify DCIM data availability within your Equinix IBX location and obtain the necessary API credentials. You'll need your IBX codes and Equinix account number, along with an active DCIM data account. These elements form the foundation for successful integration.

The implementation process follows a structured approach designed to ensure optimal configuration and minimal disruption to ongoing operations. Initial setup focuses on establishing secure connections and validating data flow. From there, organizations can progressively expand their use of the integration's capabilities, adapting the system to their specific operational needs.

Throughout the implementation process, Hyperview provides comprehensive support and resources to ensure success. Our team works closely with organizations to establish best practices for configuration and use, ensuring maximum value from the integration.

### SEAMLESS START, SCALABLE FUTURE



- ← Set up credentials and access
- ← Configure and validate data
- ← Get expert support throughout



# Future-Ready Operations

As we look to the future of data center operations, the importance of intelligent infrastructure management will only grow. The DCIM data Integration continues to evolve, with ongoing development focused on enhancing data synchronization capabilities, expanding monitoring options, and introducing new automation features.

This method of real-time intelligence includes automatic provisioning of locations and racks, continuously ingesting data on power and environmental conditions for each rack. By aligning actual device data with contract metrics, organizations eliminate cost surprises and overages, gaining complete control over contracts down to the cage and rack levels. This allows for precise capacity management and better integration from both a cross-connect and power perspective.

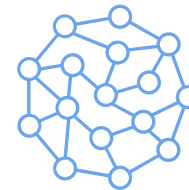
Organizations that embrace this advanced approach to infrastructure management position themselves to better handle future challenges. Whether scaling to support new AI workloads, expanding into new markets, or optimizing existing operations, they achieve the visibility and control needed to make informed decisions. Additionally, the automated documentation of physical network infrastructure enhances contract management, streamlining operations and providing valuable insights for long-term planning.

## Conclusion

The Hyperview Equinix DCIM data Integration is more than just a technical solution – it's a strategic tool that transforms how organizations manage their infrastructure. In an era where operational excellence can provide significant competitive advantage, the ability to maintain comprehensive visibility and control over infrastructure becomes increasingly crucial.

For organizations ready to transform their infrastructure management capabilities, the path forward begins with a conversation. Whether you're looking to optimize existing operations or planning for future growth, the DCIM data Integration provides the foundation for operational excellence in the modern digital era.

## BUILT FOR WHAT'S NEXT



- ← Sync data in real time
- ← Align usage with contracts
- ← Scale and grow smarter

## About Hyperview

Hyperview stands at the forefront of data center infrastructure management innovation. As the leading cloud-based provider of DCIM solutions, we empower organizations to optimize their digital infrastructure operations through intelligent, integrated management platforms. Our commitment to innovation and customer success has established us as a trusted partner for organizations seeking to maximize the value of their colocation investments.

Through continuous innovation and close collaboration with industry leaders like Equinix, we develop solutions that address the real-world challenges facing modern data center operations. Our deep understanding of infrastructure management challenges, combined with our technical expertise, enables us to deliver solutions that drive meaningful operational improvements.

## Getting Started

The DCIM data Integration is available to Hyperview users who are also Equinix customers with DCIM data access. Contact your Equinix representative to enable DCIM data access and begin your journey toward enhanced infrastructure management.

## Contact Information

For more information about the Hyperview Equinix DCIM data Integration:

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**Docs:** <https://docs.hyperviewhq.com/product/settings/topics/equinix-smart-view-integration.html>

**Visit:** [www.hyperviewhq.com](http://www.hyperviewhq.com)

**Note:** The DCIM data Integration is available to Hyperview users who are also Equinix customers and have DCIM data access. Please contact your Equinix representative to enable access to DCIM data.

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