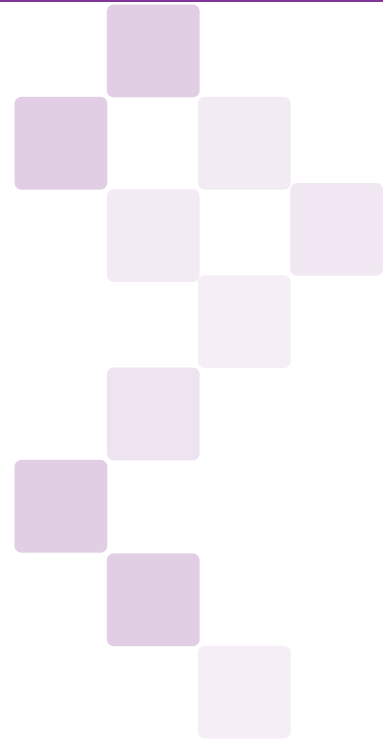


EBOOK

Enabling Technology Asset Management for All Spaces



Sunbird[®]

DCIM that's easy, fast, and complete

Introduction

Today, organizations own thousands of technology assets distributed across a wide range of environments, from traditional data centers to regional edge and remote sites.

To streamline operations and improve decision-making, leading enterprises are turning to modern software that provides a single pane of glass and digital twin for all their global technology assets.

In this eBook, we will explore how creating a single pane of glass for technology asset management can benefit your organization with useful tips on how to achieve it.

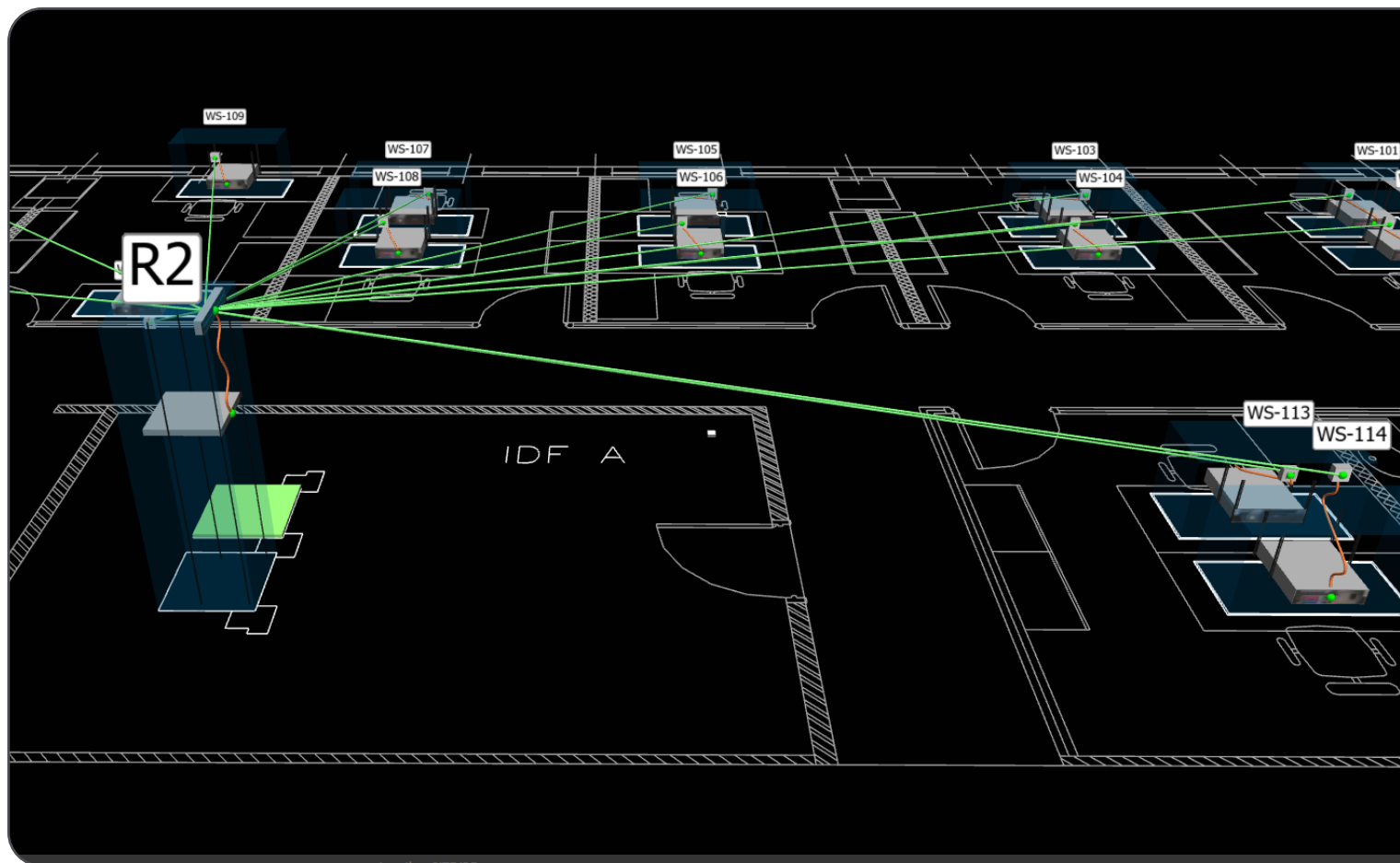
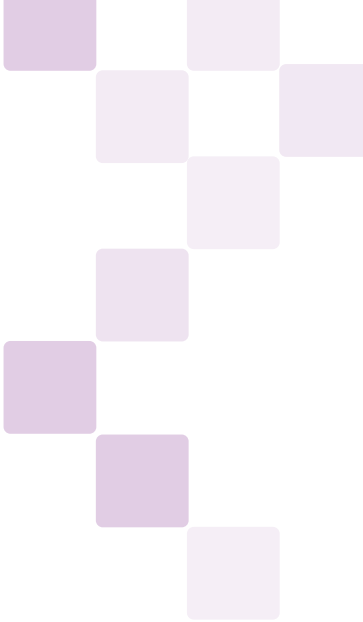


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Why Is Technology Asset Management for All Spaces Important?

For modern enterprises, data center and IT environments are often complex and distributed with equipment spread across various locations and teams. Understanding the challenges posed by fragmented asset information and leveraging a unified approach can significantly enhance operational efficiency and decision-making.

Common Challenges in Technology Asset Management

Managing technology assets can be fraught with challenges, including:

- **Widely distributed technology assets.** Modern organizations have widely distributed assets across a multitude of sites. Remotely managing thousands of assets without the right tools and processes is arduous.
- **Limited documentation on legacy technologies.** Excel and Visio are commonly used, but can result in documentation issues. These tools are manual so updates take time, are prone to error leading to inaccurate data, and inhibit the ability to manage remote sites.
- **Disparate tools and teams.** Siloed teams using disconnected tools results in swivel chair management and incomplete data. This makes it hard to get a holistic view of the technology environment (servers, network, storage, racks, patch panels, UPS, power distribution, environment conditions), complicates planning and management processes, and increases the likelihood of errors.
- **Higher risk.** A lack of visibility into the entire infrastructure elevates the risk of undetected issues, which can lead to unexpected downtime, reduced operational efficiency, and regulatory non-compliance.



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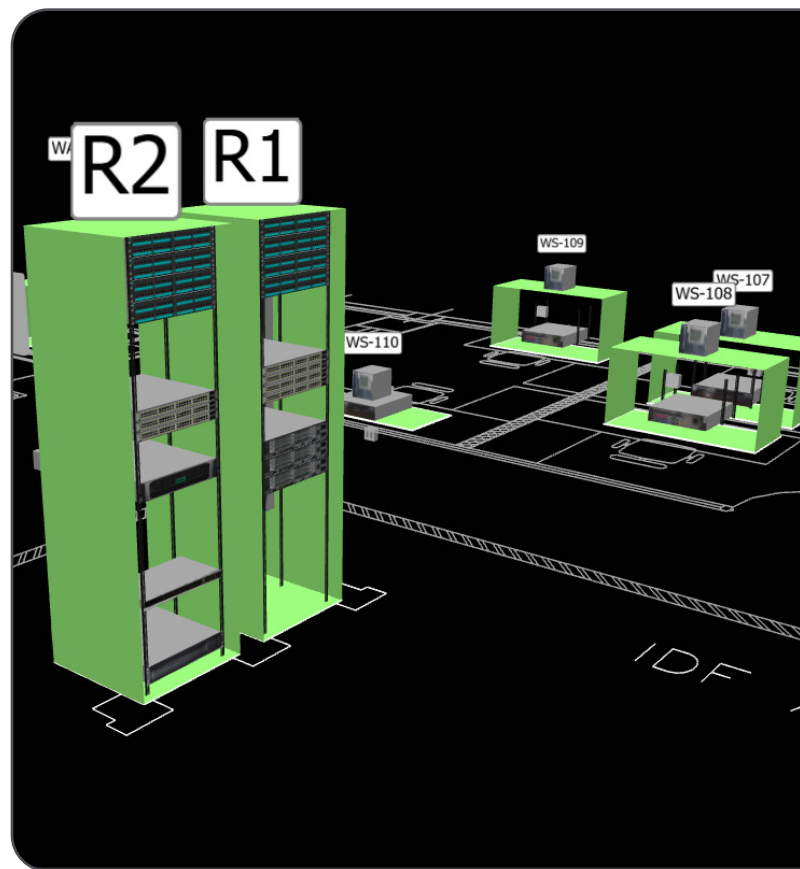
Why Is Technology Asset Management for All Spaces Important? (continued)

The Value of a Digital Twin and Single Pane of Glass for Technology Asset Management

The concept of a “single pane of glass” refers to a system that provides a comprehensive view of an organization’s entire technology ecosystem. This single, integrated view enables organizations to track and manage all technology assets across all spaces in one centralized relational database.

This enables:

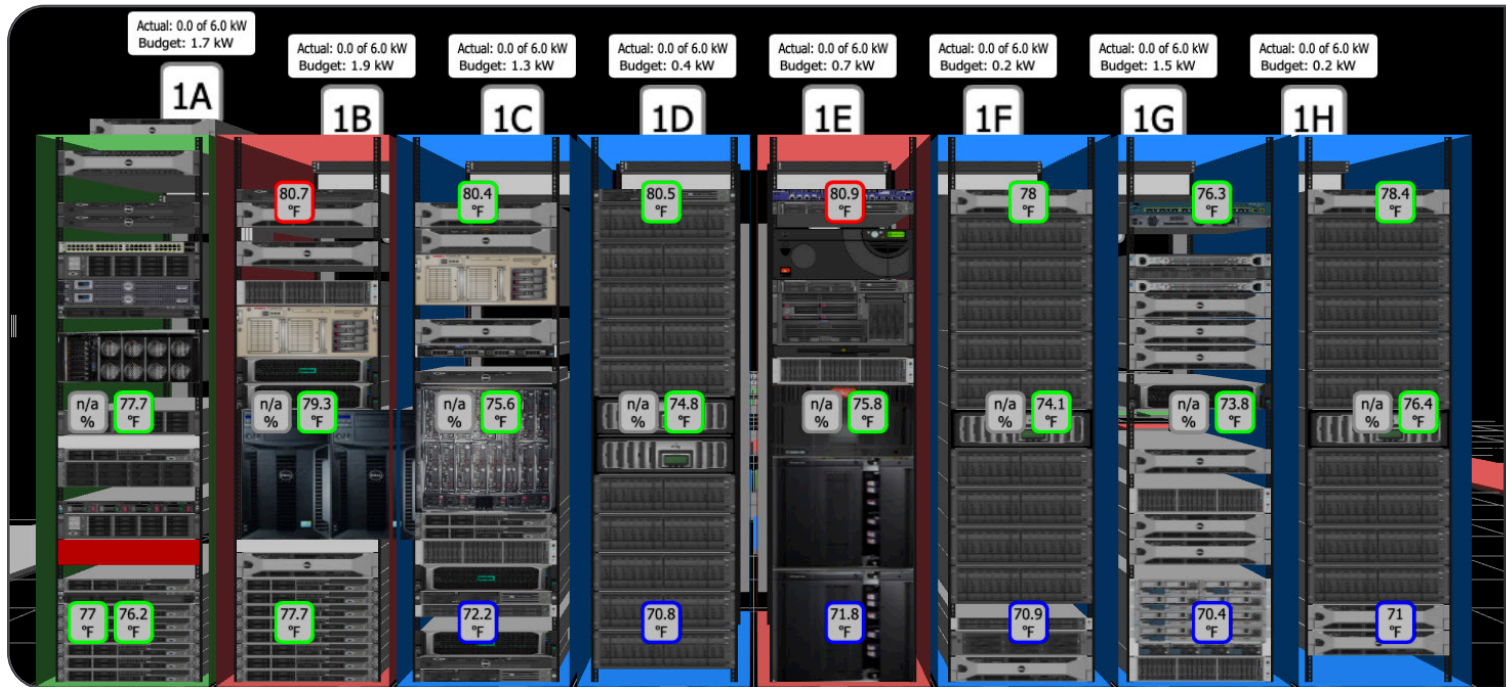
- **Digital 3D virtual model.** A virtual model with visual representation of all technology assets, inclusive of IT devices (e.g., servers, network, and storage), along with physical relationships with their supporting infrastructure (e.g., racks, UPS, power distribution, and cooling).
- **More accurate real-time data.** Following proven processes, monitoring real-time power and environment conditions, and having all technology asset information in one system helps drive more accurate information.
- **Reduced complexity.** A centralized database allows teams to manage assets from a single interface, reducing the complexity of juggling multiple tools and enabling faster and better decisions.
- **Operational efficiency.** Fast and easy access to technology asset information enables teams to proactively manage their environments, respond to issues faster, and reduce manual effort which frees up time for more strategic initiatives.



(continued)

Why Is Technology Asset Management for All Spaces Important? (continued)

- **More informed decisions.** With all relevant data available in one place, decision-makers can easily access the information they need to make informed choices. This leads to quicker and better decisions regarding capacity planning, technology upgrades, energy efficiency initiatives, and more.
- **Cross-functional collaboration.** By providing all stakeholders access to the same comprehensive data, a single pane of glass fosters better collaboration across teams. It enables cross-functional insights and data-driven communication, leading to more coordinated efforts and improved outcomes across the organization.
- **Cost savings.** Consolidating all technology management into one platform may reduce the need for multiple expensive tools, licenses, and integrations. It can also help reduce operational costs, reduce manual labor, and decrease the likelihood of costly unforeseen errors due to outdated or siloed data.
- **Elevated role within your organization.** By championing the accurate tracking of all technology across the enterprise, you can position yourself and your team as a strategic leader within the organization. This initiative not only enhances operational efficiency and decision-making but also demonstrates a commitment to aligning IT resources with business goals.



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