BLACK BOX®

BOXILLA®
KVM MANAGER
INFINITE POSSIBILITIES IN SYSTEM MANAGEMENT

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Boxilla Offers Enterprise-Level Management And Control Room Solutions For:

Broadcast

Public Safety

Defense

Transportation

Energy

Manufacturing

Over the past several decades, KVM technology has helped us move servers — along with their noise, heat and space consumption — out of the control room. It's also allowed users to both access multiple physical servers and share resources in a virtual manner.

The Evolution

The power Boxilla unleashes in the Emerald and DKM platforms is only the tip of the iceberg. Because it's a software-based solution, it's also a future-proof solution. Future upgrades to Boxilla will enable support for other Black Box product families, including other KVM categories such as KVM matrix switches, desktop KVM switches, and both control and collaboration systems. When these products work in tandem, they can take system management power beyond the control room, expanding it to AV and IT network environments, as well as physical and/or virtual servers.

Black Box offers flexible endpoint licensing options that enable you to manage anywhere from twenty-five to thousands of endpoints users, or connections through Boxilla, helping you build an efficient KVM management system.

Moving to the Cloud with Emerald KVM

The next advancement in control room technology is to allow access to cloud-based virtual servers. The Emerald KVM platform bridges the gap between IP-based KVM extension/switching and access to virtual servers. Emerald offers plug-and-play connectivity with a receiver installed at each user's workstation to enable access to physical and/or virtual servers.

Control rooms and other environments can gain flexibility and scalability while reducing capital expenses by leveraging cloud storage and distribution.
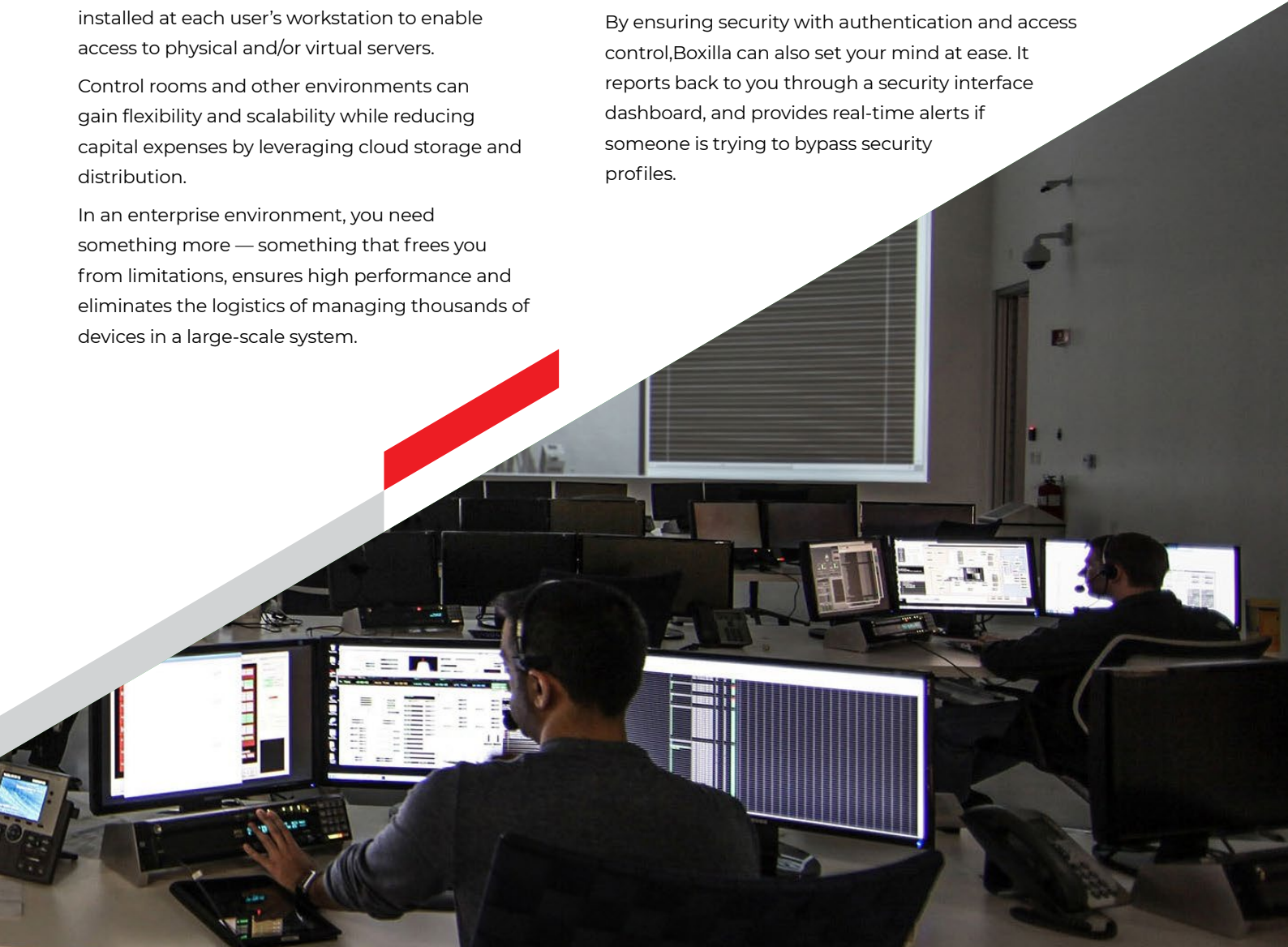
In an enterprise environment, you need something more — something that frees you from limitations, ensures high performance and eliminates the logistics of managing thousands of devices in a large-scale system.

The Sky's the Limit

Boxilla, the premier KVM system management platform, scales the Emerald KVM matrix to an unlimited number of devices.
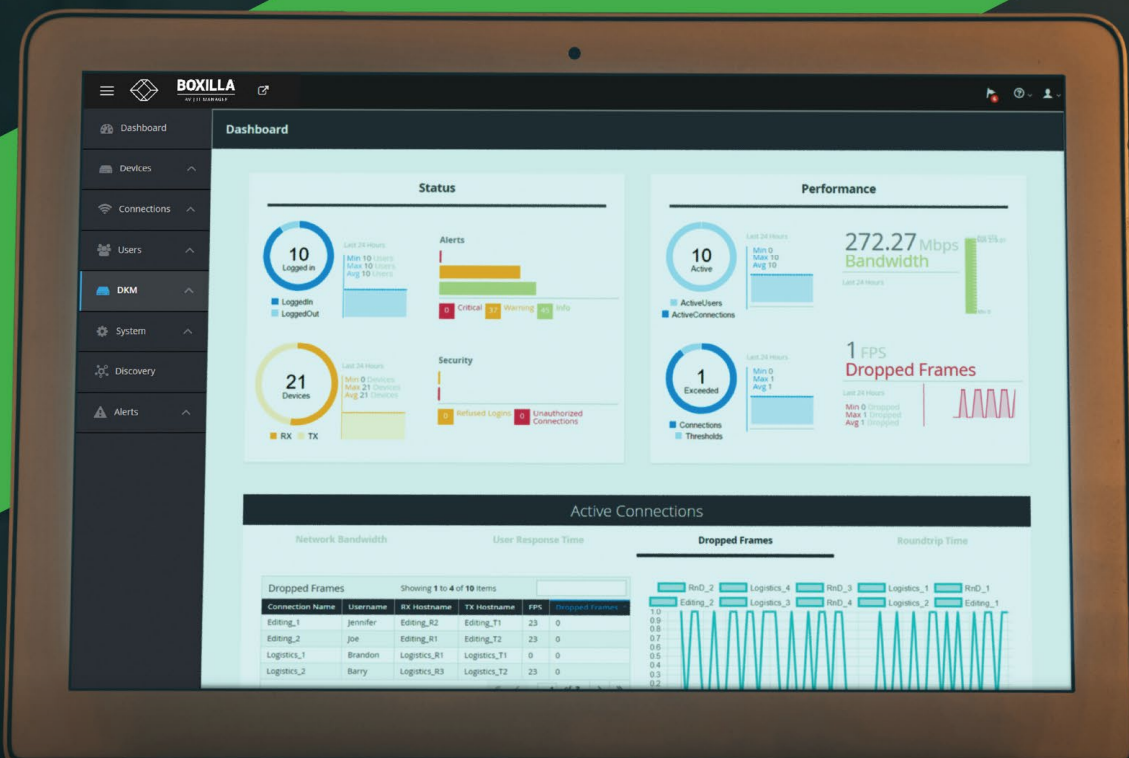
It also provides a centralized, easy-to-use command center that gives you full monitoring and control of your entire system, across the enterprise. Without leaving your seat, you can control user access, monitor device status and address potential problems before they happen.

By ensuring security with authentication and access control,Boxilla can also set your mind at ease. It reports back to you through a security interface dashboard, and provides real-time alerts if someone is trying to bypass security profiles.

ADVANTAGES
FOR YOUR NETWORK

- Easy-to-use centralized admin and control with simple configuration for large-scale deployments
- Enterprise management with enhanced authentication, access control and accounting for secure communication
- Support for virtual desktops and physical PCs/servers, plus integration with virtualization management tools
- Advanced mode controls, including private, shared, pre-emption and auto log in

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Explore new Heights
in Solving — and Avoiding — Network Performance Problems

With Boxilla, your command center dashboard gives you an instant snapshot of your network, including what users and devices are active and how much bandwidth different devices are using, so you can see how your system is performing at any given moment. Drill-down menus let you dig deep for detailed analysis.
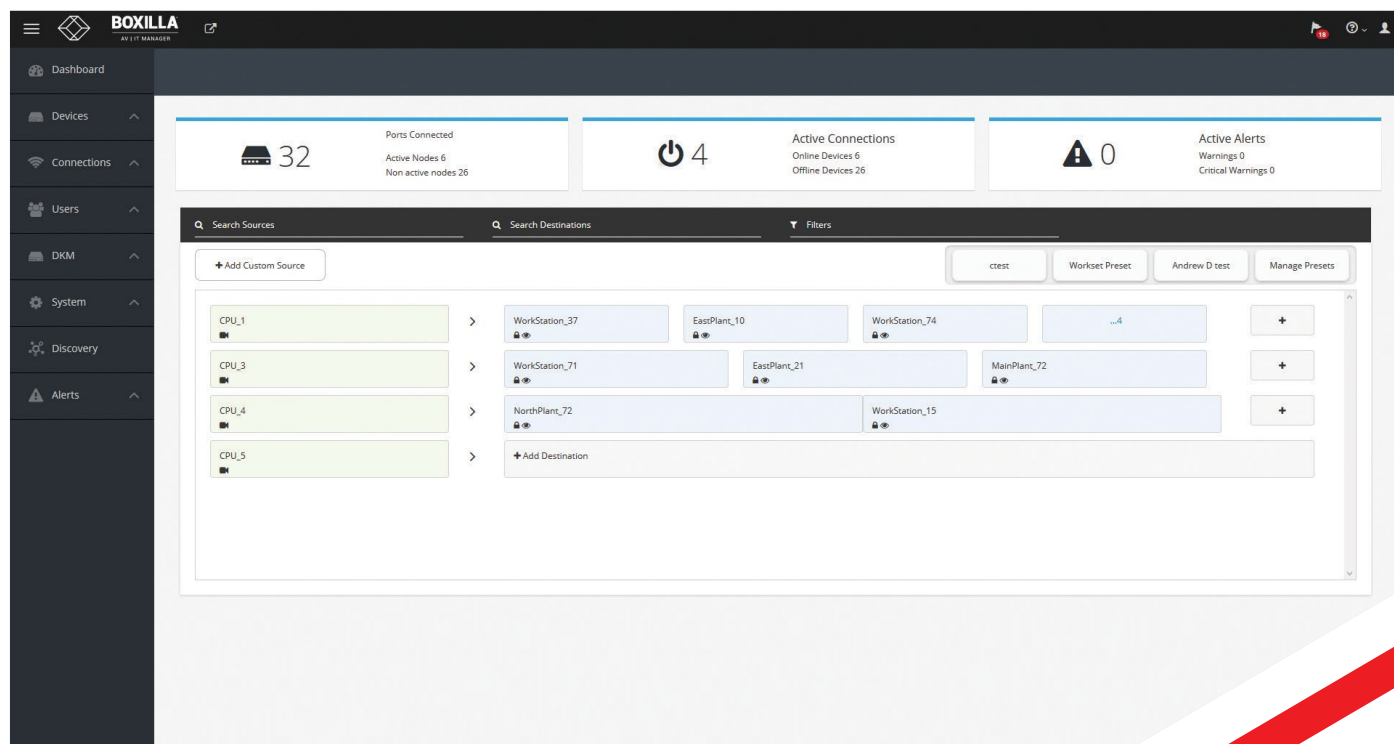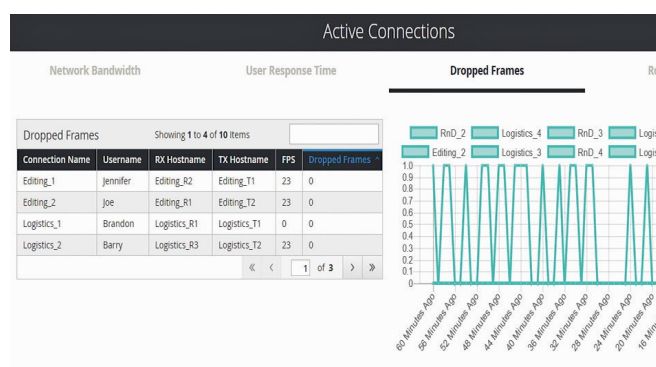
Using Boxilla is simple. It automatically discovers all devices on your network and builds a database that allows you to configure user names, passwords and access rights. You can also set bandwidth usage limitations and have Boxilla alert you if they're exceeded.

Boxilla Dashboard Drill-Down

Charting on key performance parameters:

- Bandwidth
- Frame rate
- User changes
- Power

If a user is experiencing poor video quality, for example, you can use the information Boxilla provides to see that the problem is caused by an overloaded network switch. You can also use information about bandwidth usage and device status to identify and address potential problems.

Boxilla Multi-Stage Deployment

Provides Compatibility with these Black Box Products:
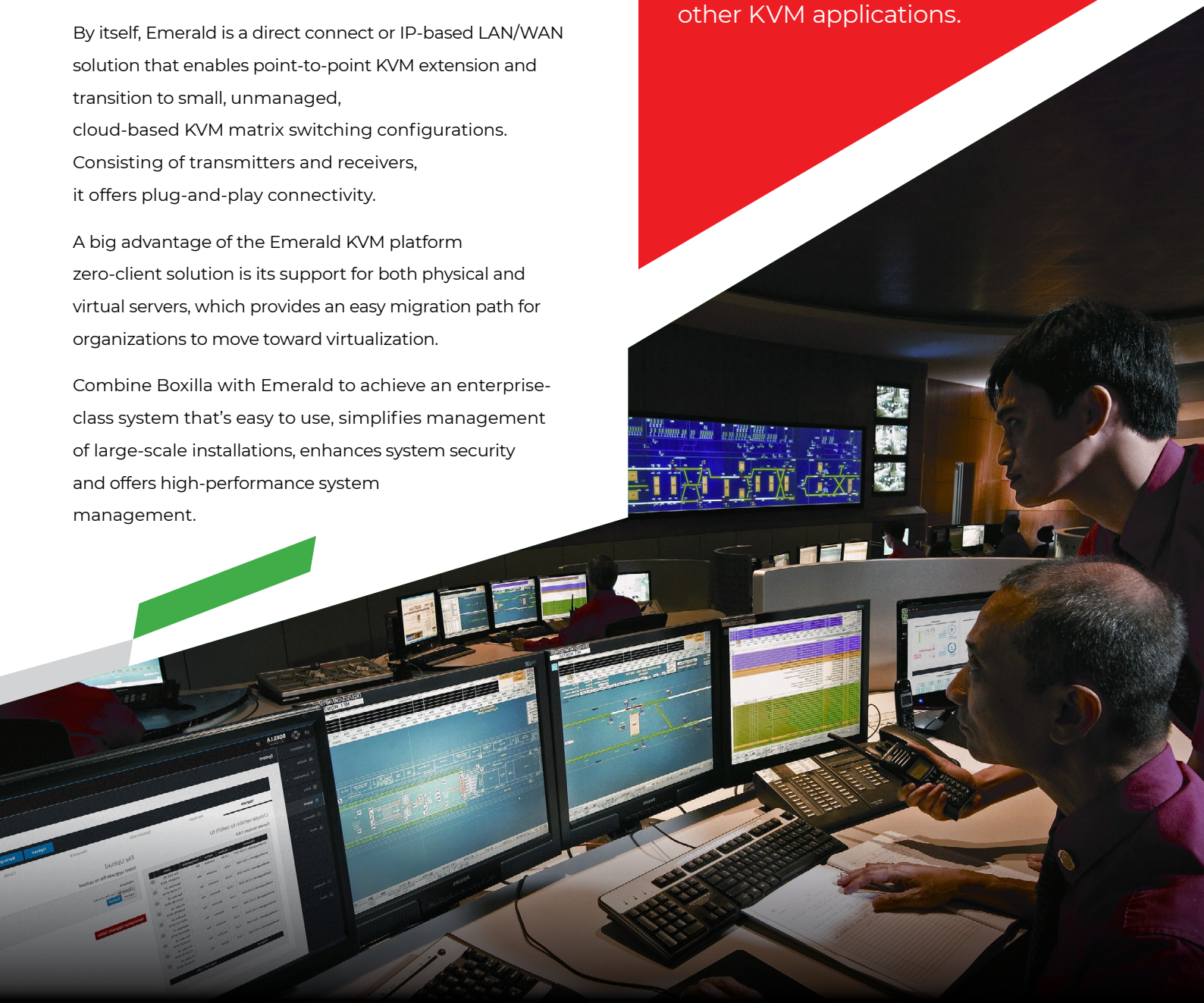
- Emerald KVM Platform
- DKM

Expanding The Power of Boxilla

By itself, Emerald is a direct connect or IP-based LAN/WAN solution that enables point-to-point KVM extension and transition to small, unmanaged, cloud-based KVM matrix switching configurations. Consisting of transmitters and receivers, it offers plug-and-play connectivity.

A big advantage of the Emerald KVM platform zero-client solution is its support for both physical and virtual servers, which provides an easy migration path for organizations to move toward virtualization.

Combine Boxilla with Emerald to achieve an enterprise-class system that's easy to use, simplifies management of large-scale installations, enhances system security and offers high-performance system management.

Boxilla is designed to work with Emerald and KVM platforms. You'll be able to upgrade Boxilla as future releases provide compatibility with other Black Box products that support control room, conference room and other KVM applications.
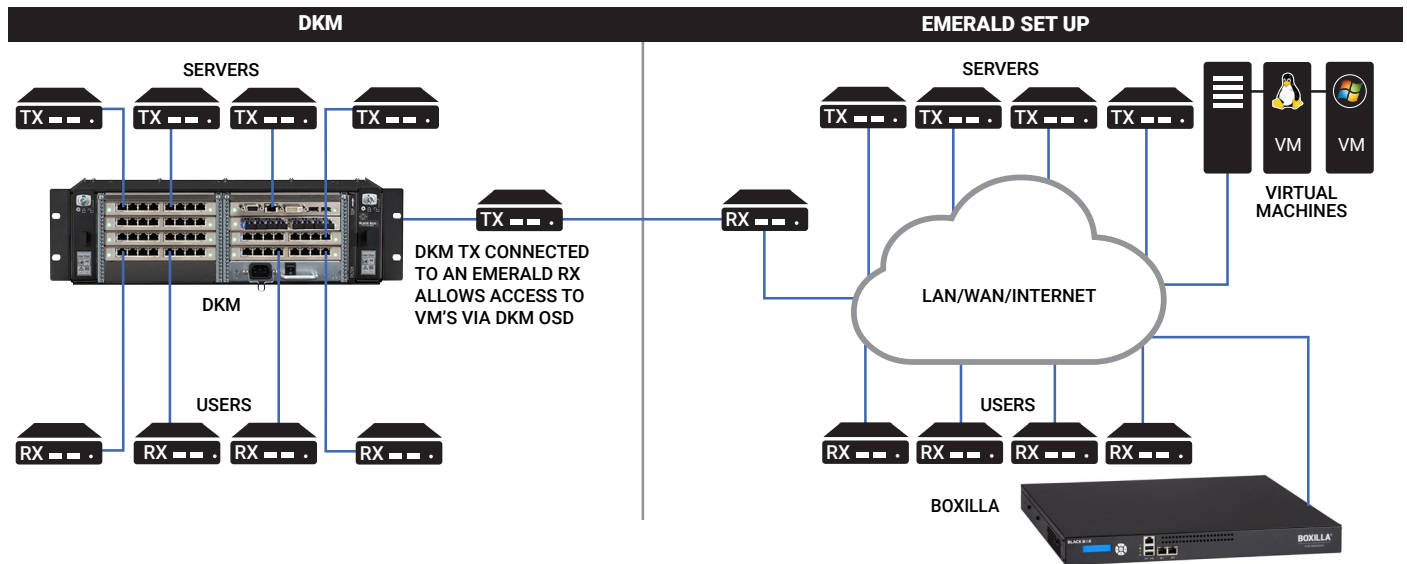
Moving to the Cloud Moving with DKM

If you already have a DKM system and want instant access to both physical and virtual servers, consider adding Boxilla and Emerald. When these systems work together, your DKM can reach any server instead of being restricted to a private network.

DKM speaks directly to Boxilla and Emerald when all three are connected on the same network, allowing you to expand and connect to DKM systems both virtually and across the internet. Now you can instantly reach any server on your network, enabling you to make your operations more productive.

Using these systems together will also enhance your security. Because Java isn't preferred in many secure environments, you can manage DKM through Boxilla to safeguard your network.

Why Black Box?

Expertise
Black Box project engineers can assist with system assessment, design, deployment and training.

Breadth
Black Box offers the most comprehensive suite of engineered KVM solutions in the industry.

Support
Reflecting our commitment to complete satisfaction, our dedicated team of highly trained support technicians is available by phone free of charge, 24 hours a day, every day of the year.

Warranties
Multi-year warranties with multi-year extensions and replacement options are available.

Financial Strength
Over $1 billion in annual revenue

Experience
Providing leading technology solutions since 1976, Black Box helps more than 175,000 customers in 150 countries build, manage, optimize and secure IT infrastructures.

Center of Excellence
Black Box offers a Center of Excellence featuring professional services and support agreements that help optimize customers' systems and maximize uptime.

Service Level Agreements
Our Service Level Agreements give customers access to technical support, product training, dedicated application engineers and more.

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