

BOXILLA[®]

AV | IT MANAGER

INFINITE POSSIBILITIES IN AV & KVM SYSTEMS MANAGEMENT



Over the past several decades, KVM technology helped us move servers—along with their noise, heat, and space consumption—out of the control room. KVM technology also allowed for many users to access multiple physical servers, sharing resources in a “virtual access” manner.

THE EVOLUTION

The power Boxilla unleashes in InvisaPC 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, Control Systems and even Collaboration Systems. This will expand the power of system management even further, not only for control rooms, but for other 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 25 to thousands of devices through Boxilla, helping you build an efficient AV/IT management system.

MOVING TO THE CLOUD WITH INVISAPC

The next advancement in control room technology has taken the form of access to cloud-based virtual servers. The InvisaPC™ solution bridges the gap between IP-based KVM extension/switching and access to virtual servers. InvisaPC offers plug-and-play connectivity with a receiver installed at each users’ workstation to support access to physical and/or virtual servers.

The ability to leverage the cloud as a content storage and distribution system for control rooms and other environments is significant, because it brings flexibility and scalability to your operation, and reduces capital expenditures.

But in an enterprise environment, you need something more—something that frees you from limitations, ensures high performance, and eliminates the pain of managing thousands of devices in a large-scale system.

THE SKY’S THE LIMIT

Boxilla, the premier AV/IT system management platform, scales the InvisaPC matrix to an unlimited number of devices.

Even more important, Boxilla provides a centralized, easy-to-use command center that gives you full monitoring and control of not just devices, but your entire system, all across the enterprise. Send commands to network switches. Control user access. Monitor device status. Proactively diagnose and address network problems before they occur. Upgrade thousands of remote devices with one click, without ever leaving your seat, let alone the building.

Boxilla sets your mind at ease, though, ensuring security with authentication and access control. Boxilla reports back to you on its security interface dashboard, and provides you with real-time alerts and alarms if someone is trying to circumvent security profiles.

BOXILLA & INVISAPC OFFER ENTERPRISE-LEVEL CONTROL ROOM SOLUTIONS FOR



BROADCAST



PUBLIC SAFETY



DEFENSE



TRANSPORTATION



ENERGY



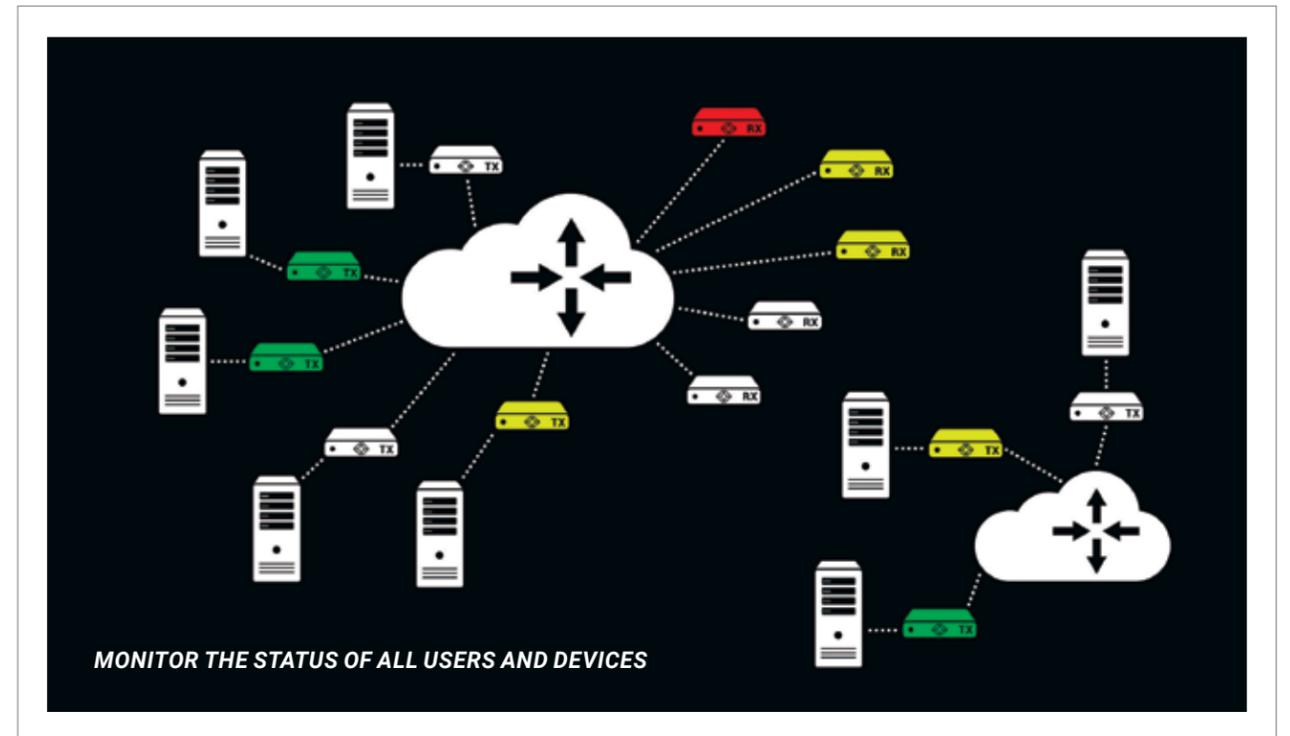
MANUFACTURING



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 right now at any given moment. Drill-down menus let you dig deeper for more in-depth analysis.



Using Boxilla is stunningly simple. It automatically discovers all devices on your network and builds a database, allowing you to configure them as you like—with user names, passwords and access rights. You can also set bandwidth usage limitations and have Boxilla alert you when bandwidth use exceeds your set thresholds.

BOXILLA DASHBOARD DRILL-DOWN

Charting on key performance parameters:

- Bandwidth
- Frame rate
- User changes
- Power

If a user is complaining of poor video quality, for example, you can use the information Boxilla provides to see that the problem is caused by an overloaded network switch. Better yet, you can use the information Boxilla provides about bandwidth usage and device status to identify and address potential problems before they result in user complaints.

CONFIGURATION

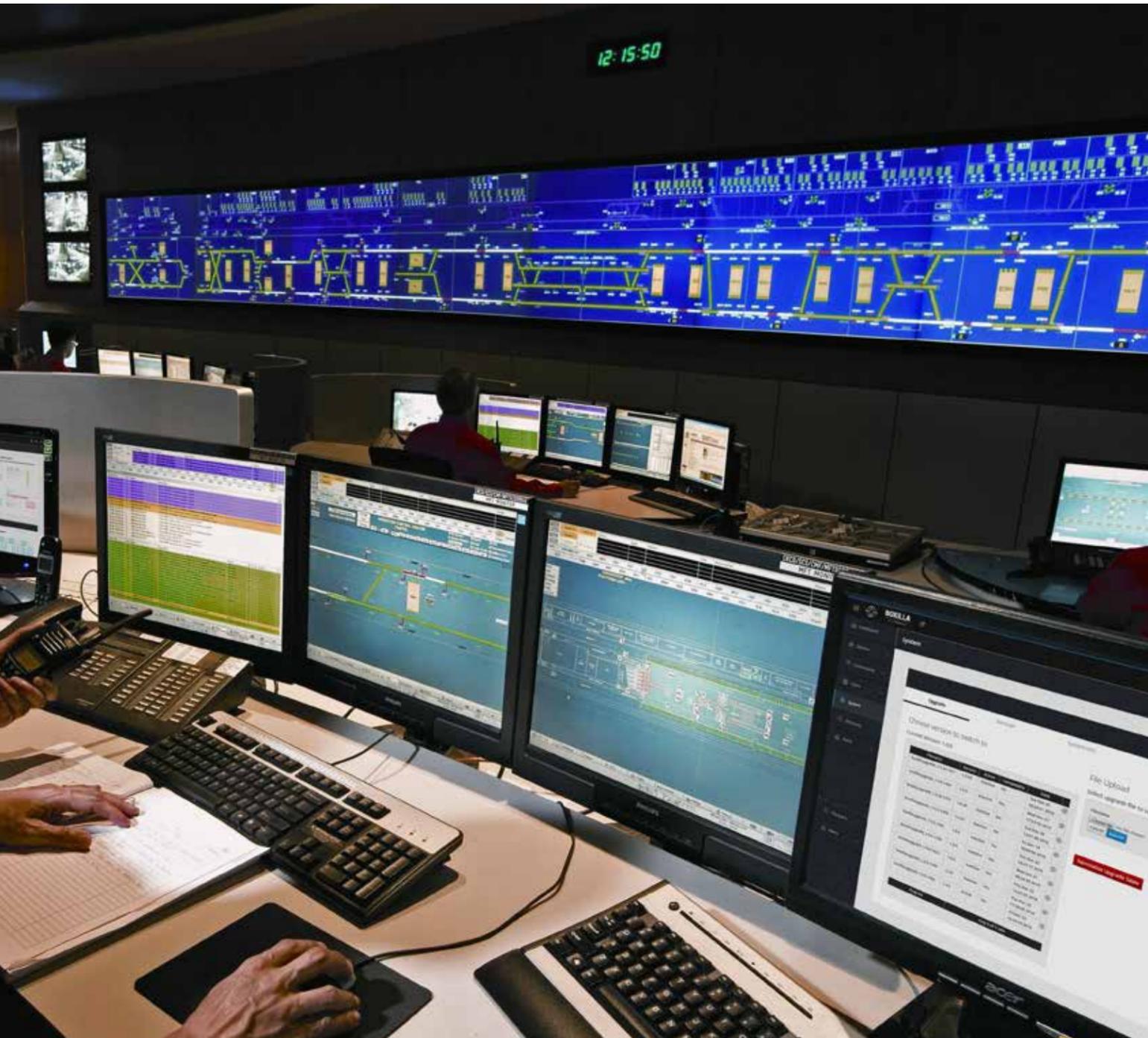
Create and configure:

- Managed domains
- Users
- Connections
- Systems
- Groups

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 communications
- Support for virtual desktops and physical PC/servers, plus integration with virtualization management tools
- Advanced mode controls, including private, shared, pre-emption and auto log-in





MAXIMIZING THE POWER

OF INVISAPC WITH BOXILLA

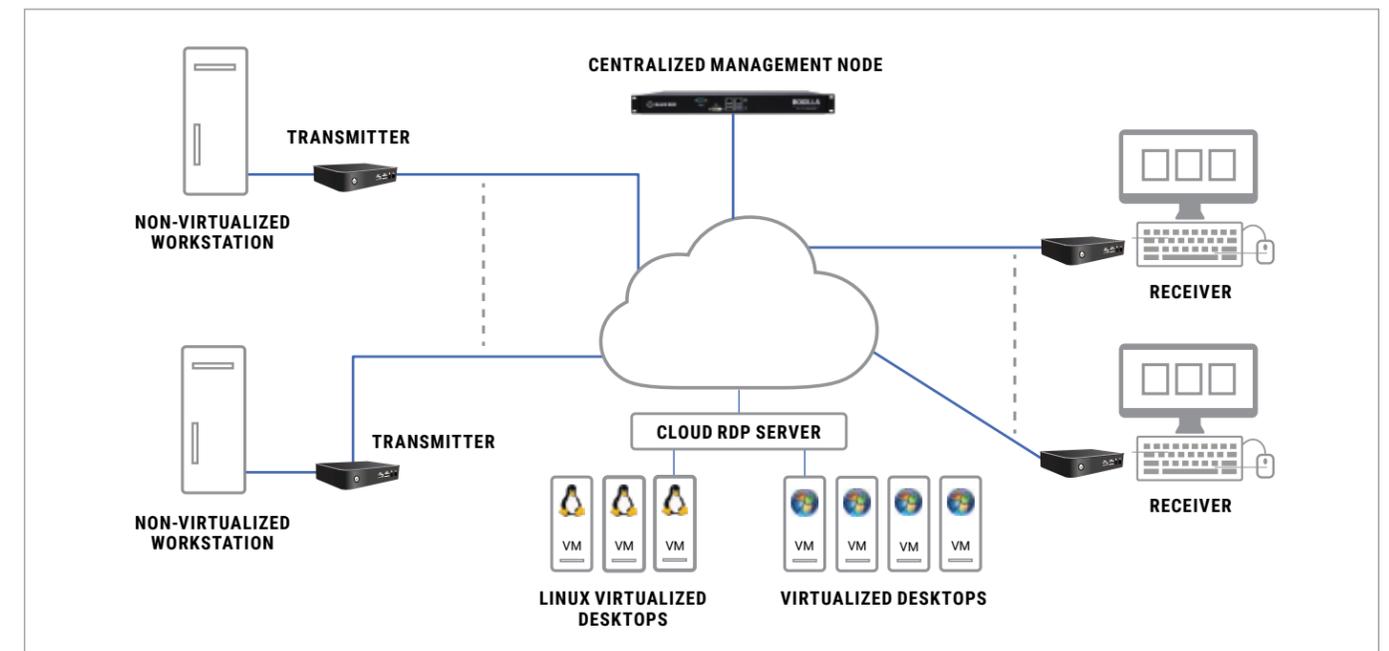
By itself, InvisaPC is an IP-based LAN/WAN solution that enables point-to-point KVM extension and transition to small, unmanaged, cloud-based KVM matrix switching configurations. Consisting of transmitters and receivers, it offers plug-and-play connectivity right out of the box.

A big advantage of the InvisaPC zero-client solution is its support for both physical and virtual servers, providing an easy migration

path for organizations to move toward virtualization. On its own, InvisaPC is ideal for small, unmanaged deployments with connections to up to 32 physical and/or virtual servers.

Combine Boxilla with InvisaPC for a power boost that launches you into an enterprise-class system that's easy to use, simplifies management of large-scale installations, enhances system security and offers you high-performance system management.

The initial release of Boxilla is designed to work with InvisaPC. You'll be able to upgrade Boxilla as future releases add compatibility with other Black Box products that support control room, conference room and other AV/IT applications.



WHY BLACK BOX?

EXPERTISE

Black Box project engineers provide assistance 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 free of charge, 24-hours a day, every day of the year.

FINANCIAL STRENGTH

Over \$1 billion annual revenue; publicly traded (BBOX).

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.

WARRANTIES

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

BOXILLA MULTI-STAGE DEPLOYMENT

WILL PROVIDE COMPATIBILITY WITH THESE BLACK BOX PRODUCTS:

- INVISAPC
- DKM
- FREEDOM
- CONTROLBRIDGE
- COALESCE



