BackBox 6.0 Intelligent Automation for any Network and Security Infrastructure

Every organizations' network is comprised of a multitude of devices and technologies, all providing a different purpose and fulfilling specific needs. These devices require constant maintenance in order to ensure continuous availability and business continuity.

If failures occur, the recovery process needs to be immediate and it's critical that a company has instant access to recovery procedures to minimize disruption in service.

When tasked with making broad changes across a large number of devices, or the network needs audited to comply with specific standards or policies, it would benefit the company to automate these manual processes and avoid human errors.

The BackBox solution simplifies the way you maintain your diverse network with:

- Automated Backup and Single-click Recovery
- Dynamic Inventory Management (with Network Visualization)
- Custom Task Orchestration

With additional add-on capabilities such as:

- IntelliChecks (with Trends)
  - Performance Checks
  - Operations Checks
  - Security Checks
- Access Auditing

BackBox Features

- Multi-vendor support (over 150 technology vendors)
- Web-based, centralized management dashboards
- Live status information and reporting
- 5-Step backup verifications
- Push device changes and files to multiple devices simultaneously
- Automated device health checks
- Consistency and uniformity of device configurations, with side-by-side comparisons
- Proprietary customization engine that supports easy, on-the-fly changes and additions
- Time-lapse of device health and compliance history
- Multi-tenant, distributed architecture
- Built-in dynamic firewall
- Granular administration rules and access parameters
- Audited device access
- Open API and customization wizard
- Professional services support includes a 24 to 48-hour turnaround to add custom devices

BackBox offers a simple way to intelligently automate the backup, restoring and management of all devices on the network by providing centralized management for over 150 different technology manufacturers.

Firewalls, routers, switches and load balancers currently make up the core of networking devices in the enterprise today. Each one plays a critical role in the availability and security of an organization's network. BackBox is designed to ensure that they all continue to function effectively and effortlessly, streamlining operations for optimal performance.

With BackBox connected to all the devices on the network, many of the mundane and manual routine management procedures become scheduled or automated, providing organizations with piece-of-mind, and saving time, money, and resources.

BackBox supports over 150 security and network vendors, including:

CISCO.

F⌀RTINET.

Check Point
SOFTWARE TECHNOLOGIES LTD.

JUNIPEr
NETWORKS

paloalto
NETWORKS

BackBox Version 6.0 | New Features

Disaster Recovery Automation
(Automated Backup, Single Click Recovery)
BackBox automates disaster recovery procedures by enabling users to schedule automated backups of all the devices on the network. With BackBox, users are able to schedule and store any number of configuration backups, for as long as needed. This feature eliminates the need for manual or scripted backup procedures by pulling all the configuration files required for recovery and storing them in a central and secure location.

Backup Verification
BackBox supports a unique 5-step verification process to make sure that the configuration files stored, can be used for successful recovery. A backup is only worthwhile if it is usable when you need it and BackBox's verification system ensures that all of the components necessary for restoration are captured, usable and untampered with.

Single Click Recovery
When a device has to be replaced, or when a configuration needs to be restored, BackBox can be used to minimize recovery time through the use of a single click.

Task Automation
BackBox comes with a set of pre-configured tasks that can alter configuration settings on multiple devices. These tasks can be as simple as adding or removing an administrator from devices or as elaborate as preforming complex automated upgrades or hot-fixes to multiple devices with the single click of a mouse.

Adding a configuration to a single device is an easy process, but in a situation when you need to push a configuration to a large number of multi-vendor devices, it becomes time consuming and more complex. Operating system level parameters, access lists, policy changes, routing and many other common configurations can now be applied to numerous devices at one time.

IntelliChecks
(Performance, Operations, Security) + Trends
BackBox comes with a predefined signature set that can check the health of your systems and keep uniformity and consistency of your device configuration.

BackBox Version 6.0 | New Features cont.

In contrary to regular monitoring solutions, BackBox can check things on the application level, what allows for much deeper intelligence, that is not available otherwise.

One set of signatures are performance signatures, that can check things like VPN throughput, number of users connected, connection table usage and so on. BackBox also has a set of predefined signatures for operational checks that can help you comply with policy standards, company standards and also auto remediate fixing of nonstandard configuration.

Another set of predefined signatures relates specifically to security checks. This set can help identify security risks like vulnerable protocols that are activated, passwords complexity and CVE vulnerability.

Any measurable data that is taken during these checks can be collected, saved and reviewed over time to identify the device needs; such as upgrades, replacements or just the need to apply configuration changes.

Access Auditing

Access Management adds the ability for BackBox to connect to remote devices without the need of a 3rd party software. It improves the connection experience by giving SSH, TELNET and RDP access from one console to all of your devices connected to BackBox.

With this add-on, BackBox can open any number of terminal windows to multiple remote devices, and even broadcast the same commands to multiple windows, saving users time and the frustration of

Adding this feature to your BackBox install will also give you the ability to save and execute both pre-defined and custom commands. It will also allow any session opened to be audited and searchable too; which means you can search and find specific commands, who executed them, and even watch a video recording of the session.
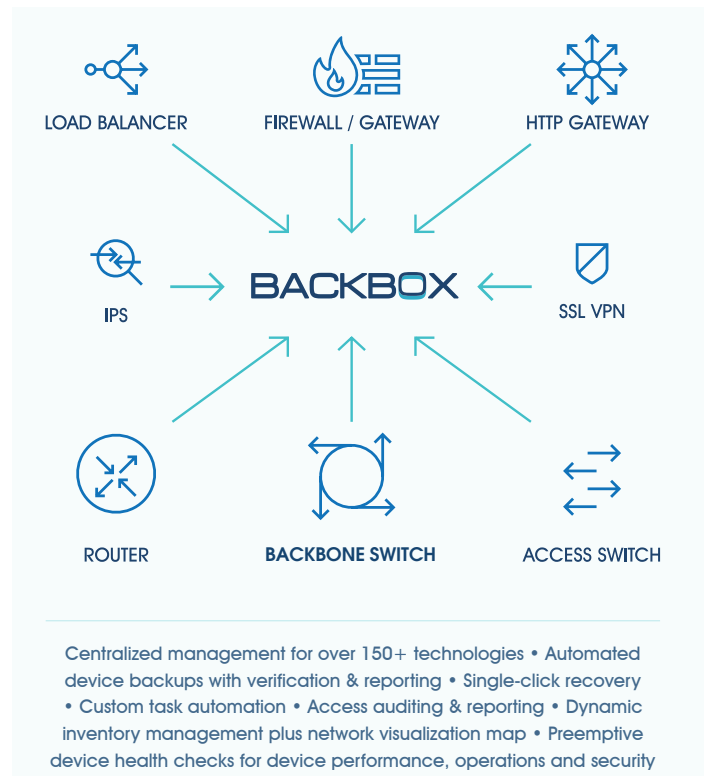
Network Visualization
(Asset Management + Network Map)

Inventory and asset management has been a long-time feature of BackBox. Since BackBox is connecting to the devices regularly and pulling the necessary information, BackBox is able to provide a dynamic list of devices associated with the network that is automatically populated and updated with each backup performed.

In V.6, BackBox takes this advantage one step forward. While connected to the devices, BackBox grabs network information like routing and IP's, and draws a network map according to it. This map gives users real-time, full visibility of the network, and routes, without the need to use manual drawings or specific limited scanning.

From this map the user can track a route that is taken from one point of the network the second point, see backup statuses of devices, and can even open a terminal window to the devices appearing in the map.

LOAD BALANCER FIREWALL / GATEWAY HTTP GATEWAY

IPS **BACKBOX** SSL VPN

ROUTER **BACKBONE SWITCH** ACCESS SWITCH

Centralized management for over 150+ technologies • Automated device backups with verification & reporting • Single-click recovery • Custom task automation • Access auditing & reporting • Dynamic inventory management plus network visualization map • Preemptive device health checks for device performance, operations and security

How BackBox differentiates from Open Source and Syslog based solutions

Feature	BackBox	Syslog based solutions	Open Source
Built-in Multi Vendor Support	✔	✔	✘
Dashboard interface for quick visibility of device status	✔	✘	✘
Multi-Method Backup Verification	✔	✘	✘
Delegated Administration	✔	✘	✘
Scheduled Backups	✔	✔	✔ *
Off-box Storage	✔	✘	✔ *
Real-Time Login	✔	✘	✘
Reporting	✔	✘	■
Real-time Device Testing	✔	✘	✘
Device Statistics	✔	✘	✘
HTML Job Notification	✔	✘	✘
Device Grouping and Filtering for Large Organizations	✔	✘	✘
VM Support	✔	✘	✔
Full Support for New Device Types	✔	■ **	✘ *
Compliance	✔	✘	✘
Preemptive Health Checks	✔	✘	✘
Access Management	✔	✘	✘

BackBox ✔ Yes   ✘ No   ■ Partial   * Not built-in, requires user customization   ** Slow response for new devices

About BackBox

BackBox is the leading provider of Intelligent Automation for all Network and Security devices. BackBox provides a single, centralized solution to manage all network and security device backups, ensuring that the disaster recovery process always begins and ends from the same location..

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