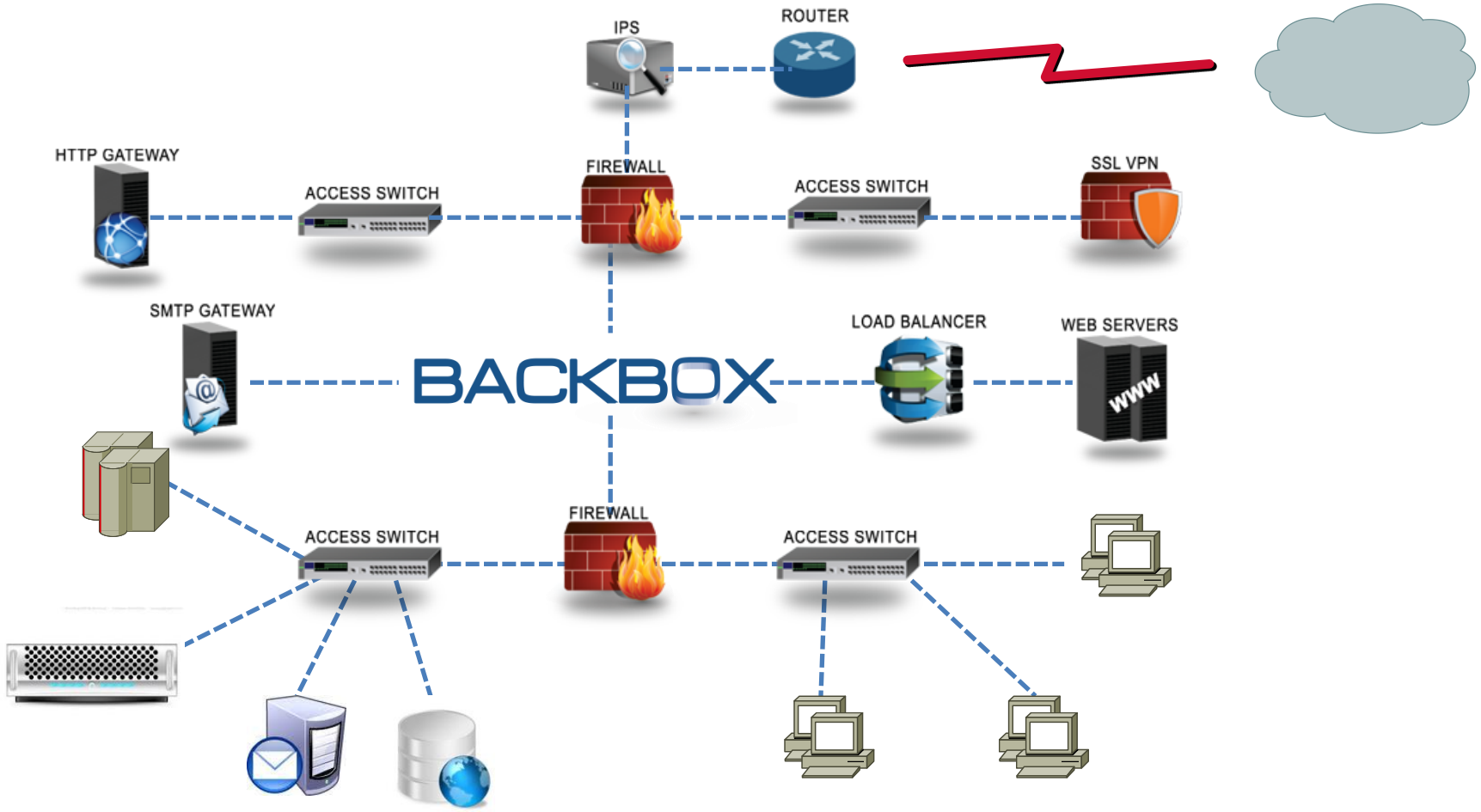
BACKBOX

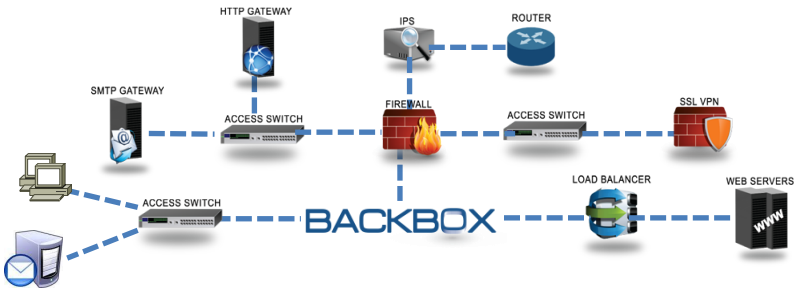
Disaster Recovery for Security and Network Devices - Simplified



BACKBOX

MARKET CHALLENGE

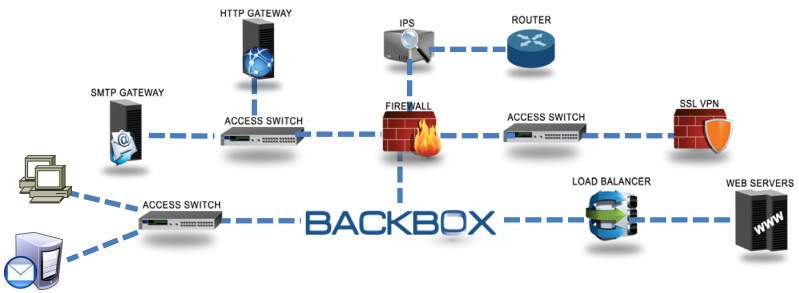
- Complex Networks and Complex Configurations
- Multi-Vendor Environments
- Lack of Unified Management System
- Long Recovery Time



BACKBOX

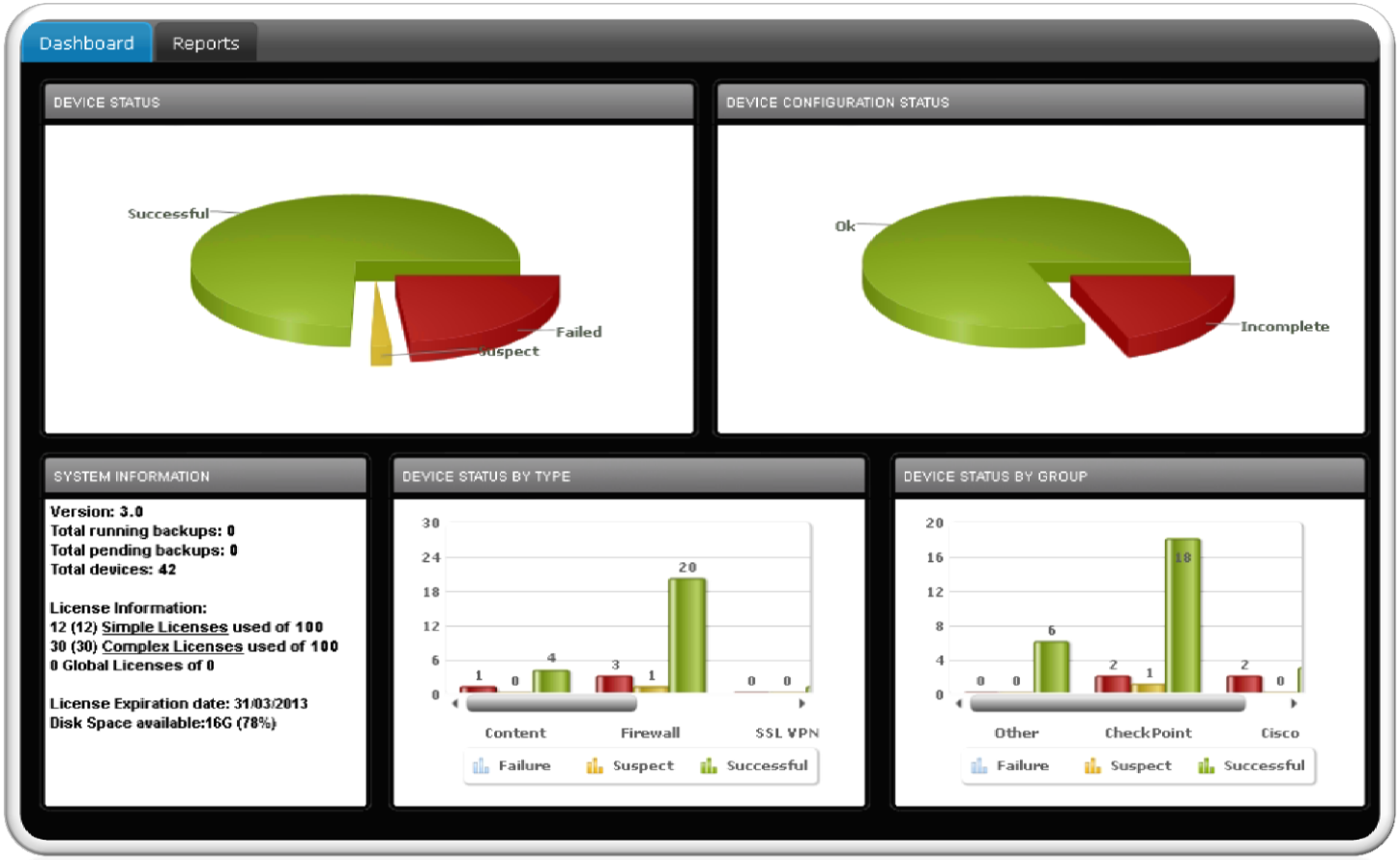
OUR GOAL

- Automation of Configuration Backup
- Disaster Recovery Planning and Execution
- Preemptive Monitoring
- Single Management System
- Minimize Downtime



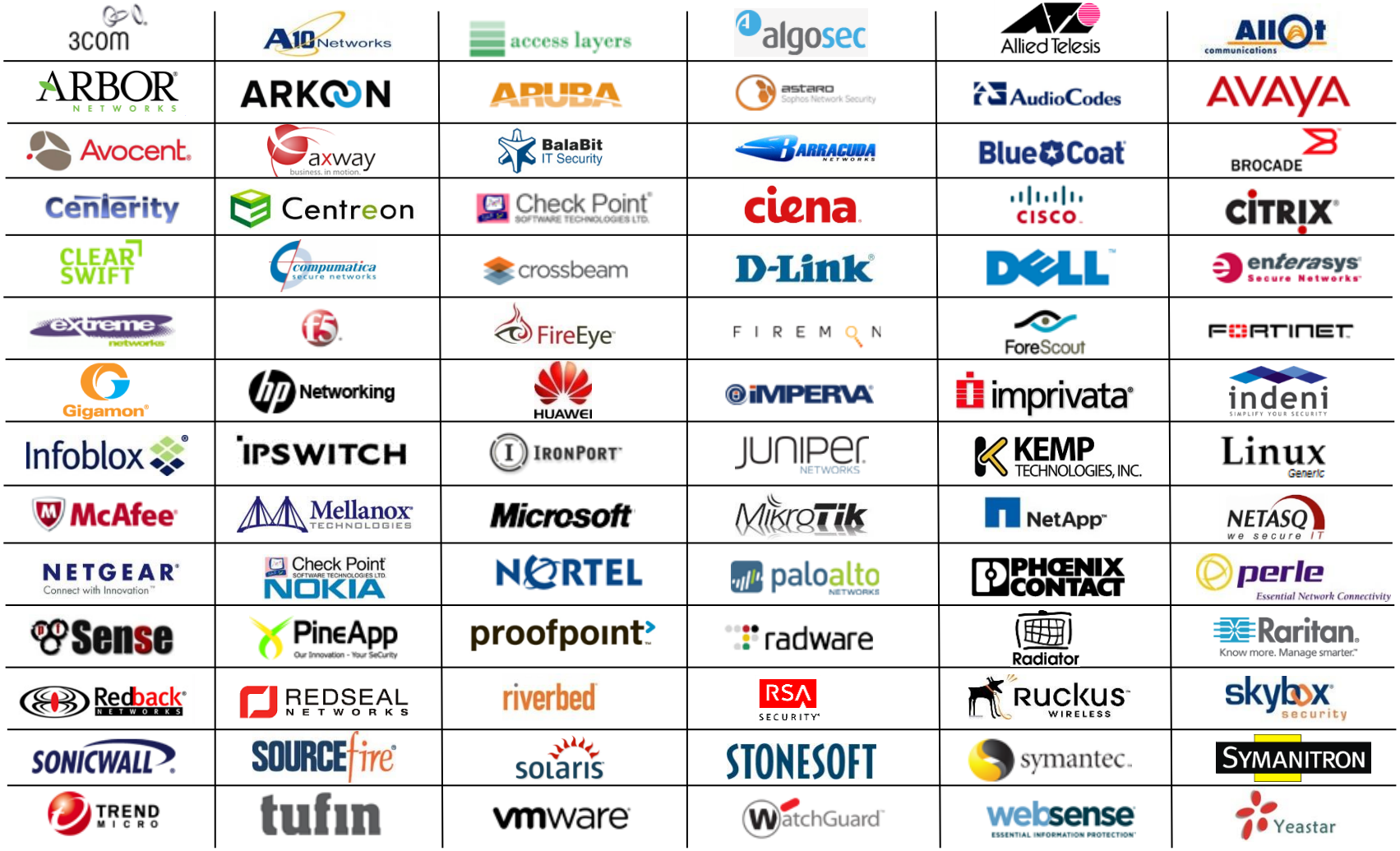
BACKBOX - FEATURES

UNIFIED WEB CONSOLE



BACKBOX

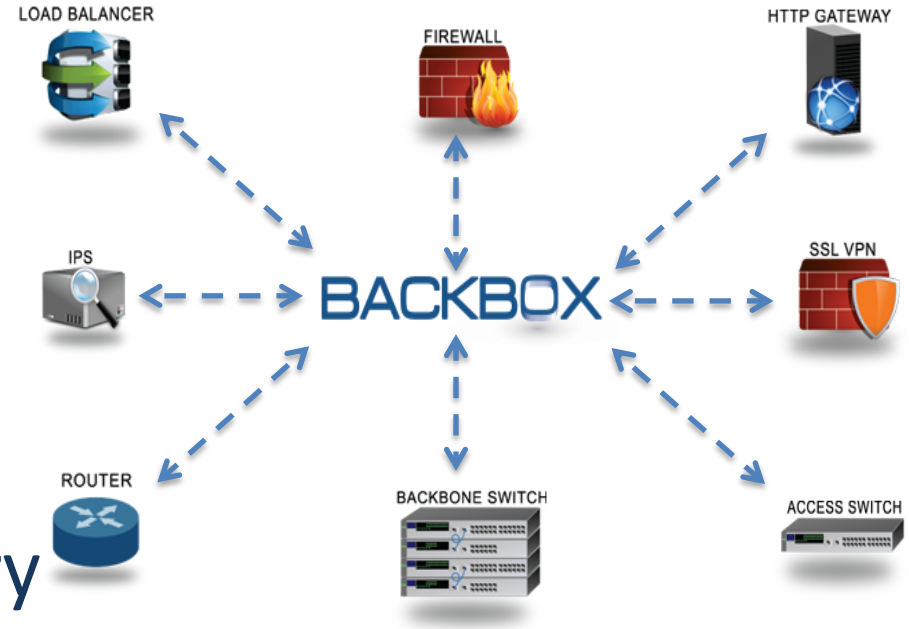
MULTI-VENDOR SUPPORT



BACKBOX - FEATURES

FULL AUTOMATION

- Non Intrusive
- Agentless
- No Configuration Changes
- No Scripting
- Scheduled Backups
- Single-Click Recovery



BACKBOX - FEATURES

DEVICE MANAGEMENT

- CLI Access to the Device
- HTTP/s Popup based on IP and Port
- Pre-Configured Commands
- Full Audit Log
- Authentication Required
- Fully Customizable

BACKBOX - FEATURES

DYNAMIC INVENTORY

- Refresh data with every backup
- Customizable Fields
- Full infrastructure Report by type of Device

Name	IP	Version	Hardware Model	CPU Type	RAM	Disk %
CheckPoint Management Server	192.168.10.250	R75.40	Smart-1 25	Quad Core 5520	2048MB	/ - 85% /var – 45%
Cisco_3760	172.25.11.26	IOS 12.4	Catalyst 3760		128MB	
DNS Server	172.26.14.12	CentOS 5.4	HP DL380 G6	Dual XEON	4096MB	/ - 67%

BACKBOX - FEATURES

DISASTER RECOVERY PROCEDURES

- Step by Step procedures for Recovery
- Custom Procedures
- Central location for downloading network related information

How to Recover Configuration for Juniper Secure Access/MAG

1. Perform initial configuration according to the vendor documentation.

2. Open an internet browser and login to the address:

https://< Address>/admin

3. Supply credentials to login to the management console.

4. From the left pane, click on Maintenance -> Import/Export -> Import/Export configuration.

5. Click on Browse locate the backup configuration file (JuniperConf).*

6. Specify the password for the backup configuration file.

7. Click on "Import Config".

BACKBOX - FEATURES

BACKUP VERIFICATION

- MD5 Checksum

- File Size

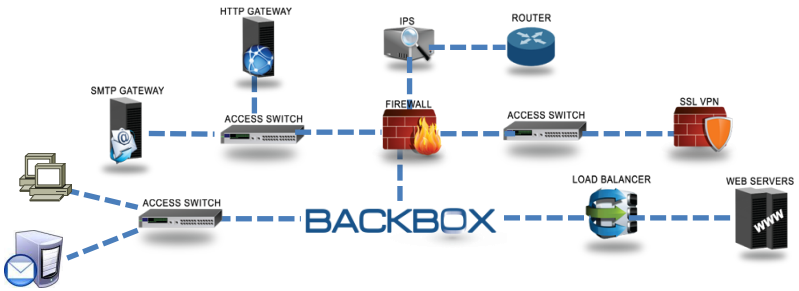
- File Content

- File Corruption

BACKBOX - FEATURES

AUTOMATING DEVICE TASKS

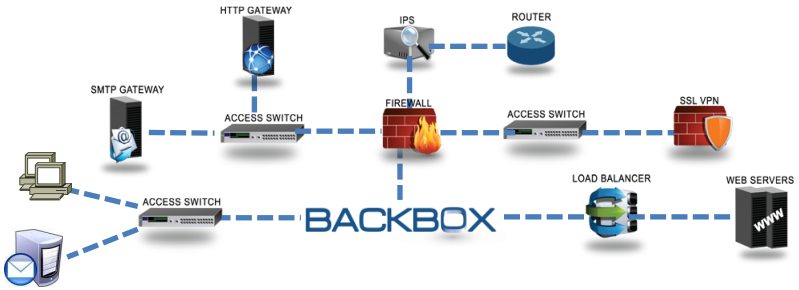
- Push Configuration to Multiple Devices
- Device Specific Commands
- Customizable for your Environment



BACKBOX - FEATURES

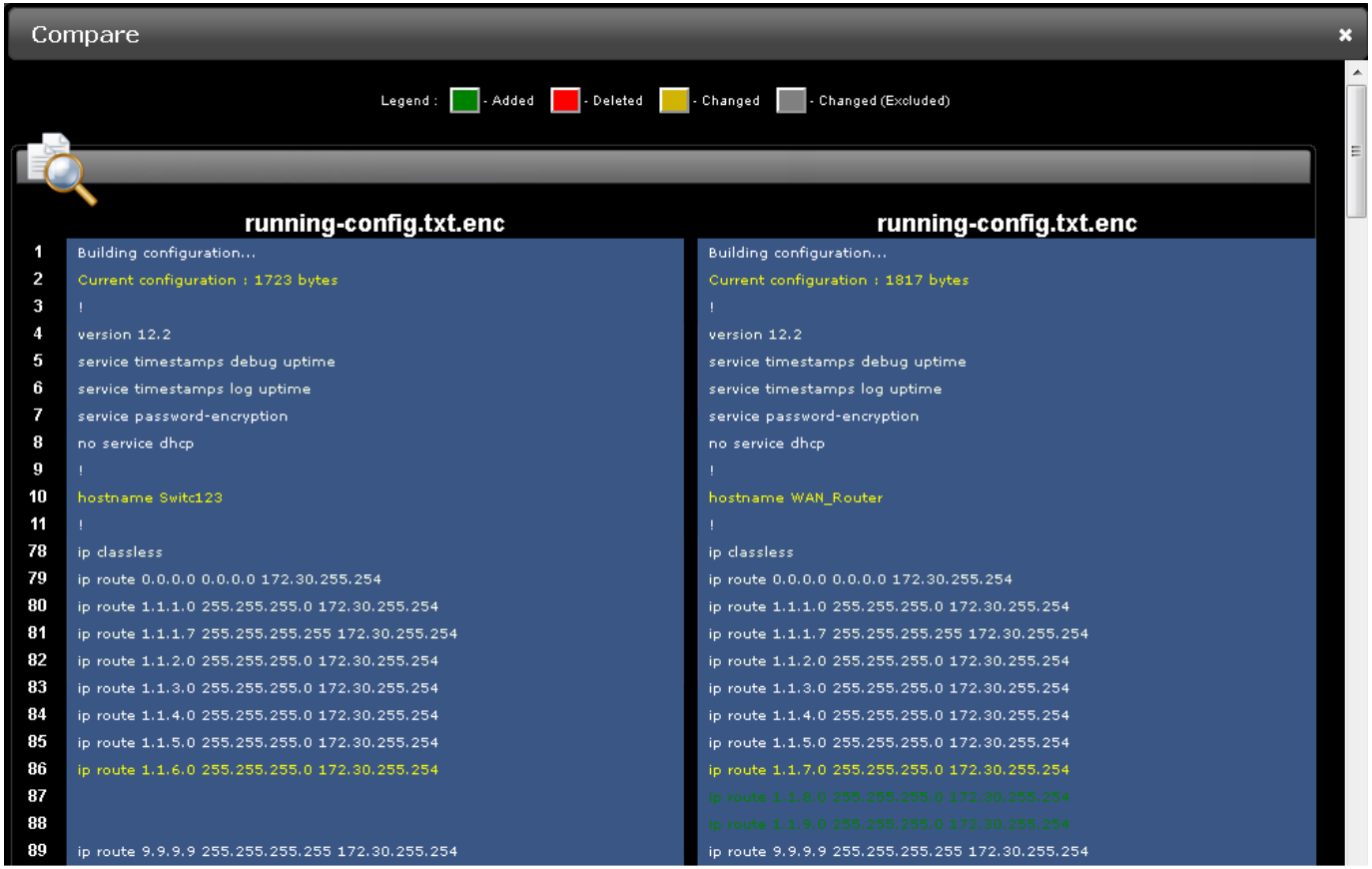
AUTOMATING DEVICE TASKS

- Password Policy
- User Management
- Static Routes
- Access Lists
- Global Parameters (Hostname, NTP Servers, DNS Servers)
- Patch/HotFix Installation



BACKBOX - FEATURES

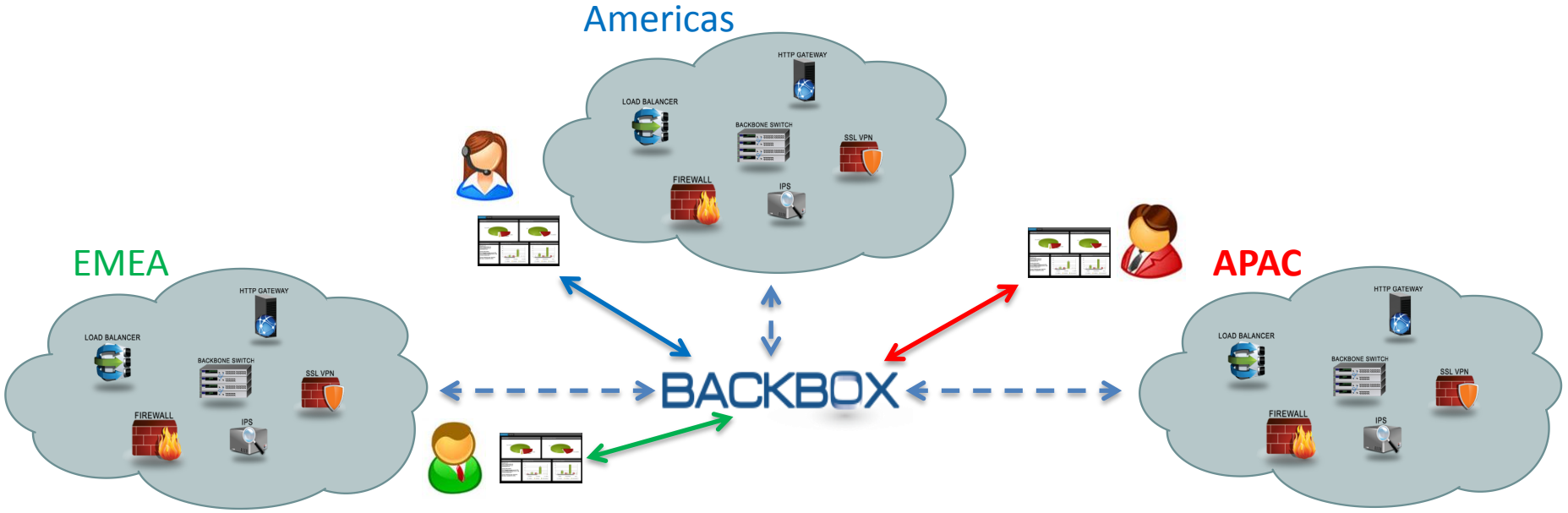
CONFIGURATION COMPARISON



BACKBOX - FEATURES

MULTI-TENANT/ROLE-BASED

- Virtual Sites
- Role Based Administration
- LDAP, RADIUS and SSH Key Support
- Authentication Templates



BACKBOX - FEATURES

NOTIFICATIONS

- eMail Summary
- Syslog
- SNMP
- System Alerts

(license and disk space)

System Status - 42 Total Devices

License Expiration	Disk Space Available	Missing Configuration	Not Scheduled	Properly Configured
01/03/2013	16G	8	0	34

Backup Job Summary - Daily Job (42 Total Devices)

Start Time	End Time	Duration	Failed Devices	Suspect Devices	Successful Devices
2013-03-04 20:51:38.0	2013-03-04 20:51:38.0	00:00:00	10	2	31

Successful Devices

Name	IP	Type	Group	Backup Size	Last successful Backup	Configuration Changed
Aladdin eSafe 6.x	172.30.255.22	Content	Other	200.8 KB	2013-03-04 20:46:04.0	No
Aladdin eSafe 7x	172.30.255.23	Content	Other	180.2 KB	2013-03-04 20:46:04.0	No
Aladdin eSafe 80	172.30.255.24	Content	Other	195.6 KB	2013-03-04 20:46:04.0	No
Astaro Command Center	172.30.255.139	Firewall	Other	2.8 MB	2013-03-04 20:46:04.0	No
CheckPoint R75 Management	172.30.255.108	Firewall	CheckPoint	53.3 KB	2013-03-04 20:45:36.0	No
Gaia_GatewayXL1	172.30.255.171	Firewall	CheckPoint	30.7 MB	2013-03-04 20:45:36.0	No
Cisco 2600	172.30.255.62	Switch	Cisco	3.7 KB	2013-03-04 00:00:00.0	No
Cisco Catalyst 2960	172.30.255.49	Switch	Cisco	12.4 KB	2013-03-04 20:45:50.0	No
Cisco PIX 515E	172.30.255.44	Firewall	Cisco	58.5 KB	2013-03-04 20:45:50.0	No
Fortigate 60B	172.30.255.3	Firewall		141.2 KB	2013-03-04 20:23:21.0	No
Gaia_Eventia_LogSRV	172.30.255.173	Monitoring	CheckPoint	3.3 MB	2013-03-04 20:45:36.0	No
Gaia_SmartCenter	172.30.255.168	Firewall	CheckPoint	128.6 MB	2013-03-04 20:45:36.0	No

BACKBOX - FEATURES

PCI COMPLIANCE

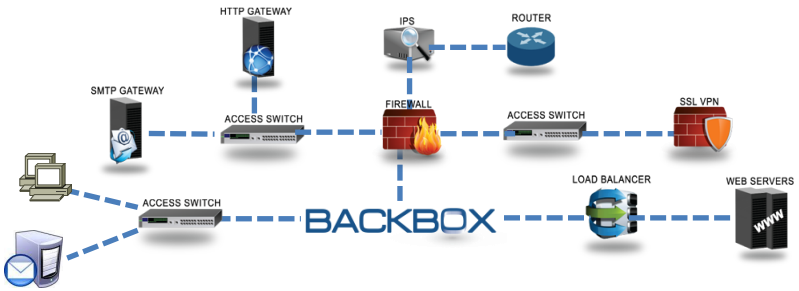
Payment Card Industry (PCI) Card Production Logical Security Requirements, Version 1.0 - *May 2013*

- Section 5.3.i - "*The vendor must implement network device backups prior to any change and securely store and manage all media*".
- Section 5.4.1.a - "*The vendor must ensure all documents relating to firewall configurations are stored securely*".
- Section 6.3.i - "*The vendor must make a backup of the system being changed before applying any patches*".
- Sections 6.5.1.d - "*The vendor must protect any software backup copies from accidental destruction*".

BACKBOX - FEATURES

ADDITIONAL FEATURES

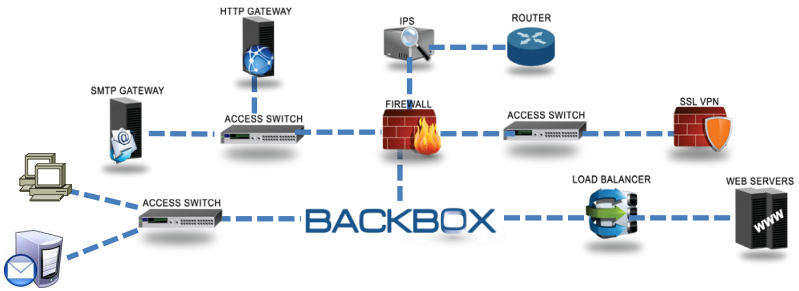
- Virtual Appliance
- 64bit Linux Based OS
- Distributed Architecture
- Built-in Dynamic Firewall
- Credential and Configuration File Encryption
- Self-Backup and Automatic Remote Storage
- Full Auditing
- IP Based Access Control
- Secure Access to Devices
- NAT Support
- Fully Customizable



BACKBOX

LICENSING

- Perpetual license based on number of devices (additional server instances at no cost)
- 2 Types of licenses
  - Security Devices
  - Networking Devices
- Yearly Maintenance
  - Support
  - Product Upgrades
  - Product/Version Database Updates
- MSSP and SaaS Pricing Available



BACKBOX

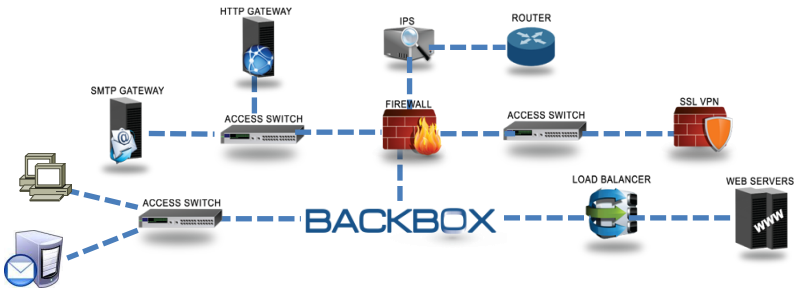
SUMMARY

DAY-TO-DAY

- Saves Times
- Automates routine operations
- Insures Configuration Backups
- Simplifies Disaster Recovery Planning

DURING DISASTER

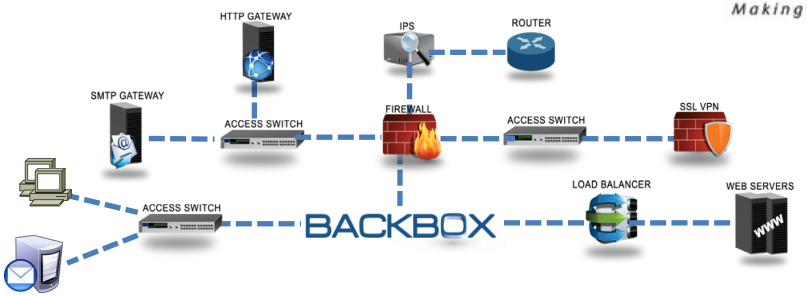
- Minimizes Downtime with Centralized, Verified, Secure One-Click Recovery



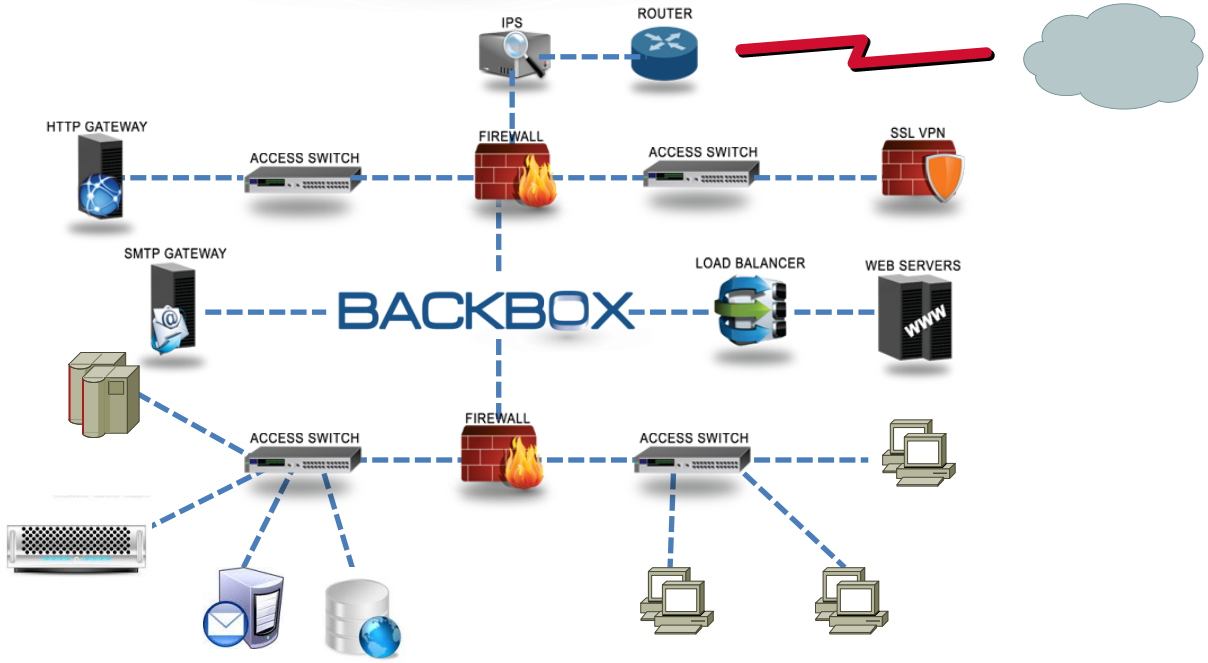
BACKBOX

REFERENCE CUSTOMERS

TELECOM ITALIA
LLOYDS BANK
ThyssenKrupp
Coca-Cola
Nestlé
Deutsche Telekom
ING DiBa
T · · Systems ·
Pfizer
TEVA
SIEMENS
TURKCELL
GarantiBank
COMCAST
AIRBUS
BARNES&NOBLE BOOKSELLERS
888.com Enjoy the game
O13 netvision
bank hapoalim
WYNDHAM HOTELS & RESORTS
ZIM
Bezeq International
AudioCodes
ClickSoftware Making Service Click
at&t
Claro



BACKBOX



The Only Solution on the market that offers

Centralized Configuration Backup and Recovery

For All Security and Network Devices