

CLOUD OCEAN TECHNOLOGY

THE CLOUD ENABLER

A COMPANY WITH THE VISION OF THE WORLD



北京华普



上海宝鼎



深圳科技园

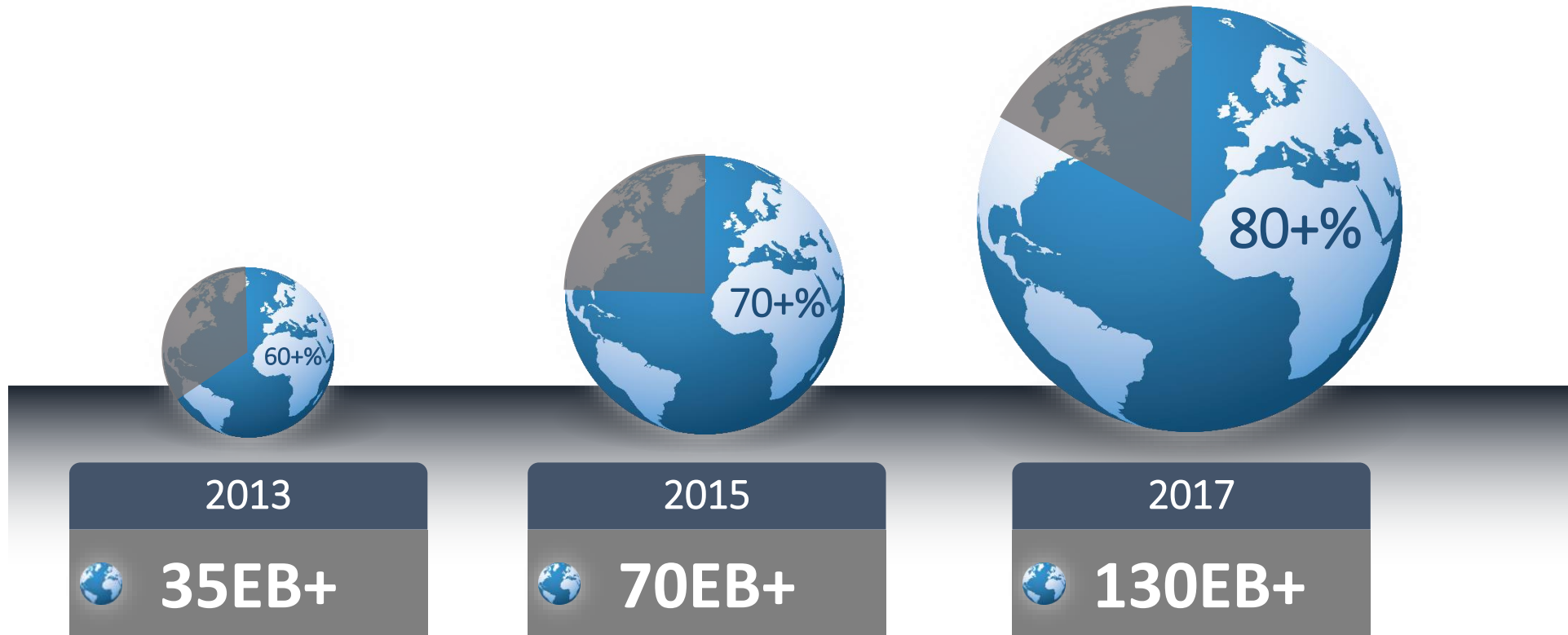


香港科技园

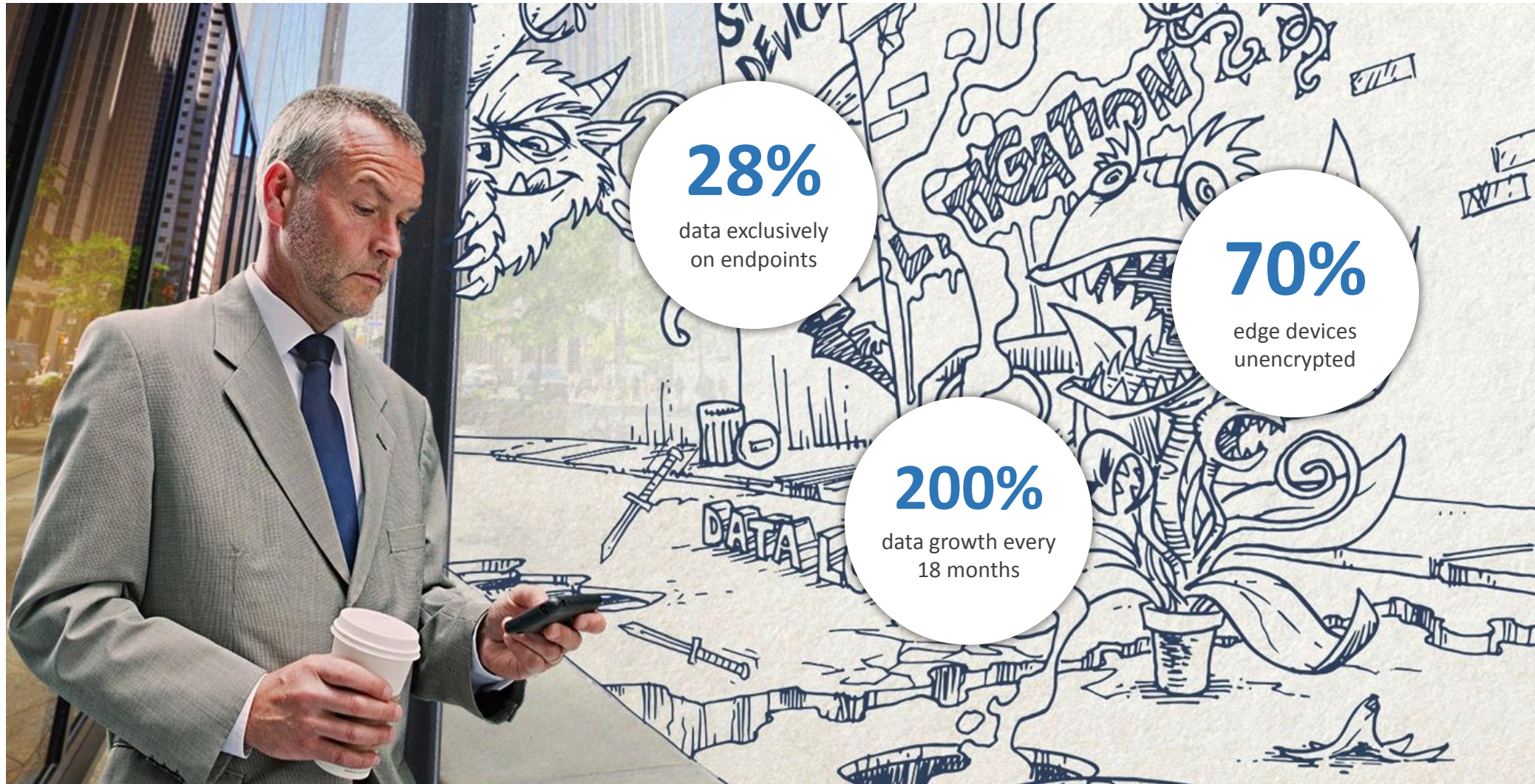


Los Altos

SAAS – BACKUP AND DATA GOVERNANCE ON CLOUD UNSTRUCTURED DATA GROWTH



END POINT & BYOD DATA GROWTH



WHY OUR END POINT PROTECTION?

- **Enterprise-class Protection and Governance for your edge data**
 - Not simply backup
- **Industry leading technology:**
 - Global Deduplication – Reduce Storage and Network use by 90%
 - Secure – 2 factor encryption of all data
 - Intuitive – Modern UX with Client, Web, and Mobile App interface.

- **Built for Mobility –**
 - Today's workforce is mobile
- **Worldclass Support**
 - 24x7 through phone, chat or email

• **It works great... Gartner agrees!**

**Ranked #1
by Gartner*
Last 2 years!**



*in Overall Product Rating for Enterprise Endpoint Backup two years in a row

WORLD WIDE CUSTOMERS

Endpoint Backup

Our prior data protection solution lacked enterprise security and was too intrusive to end users, leading to end-users disabling the service.

Data Loss Prevention & Recovery

Our highly mobile workforce was experiencing frequent data loss, severely impacting productivity and compromising customer engagements

eDiscovery Enablement

Placing legal holds and collecting data for eDiscovery was expensive and time consuming, and created risks to our business

Secure File Sharing

Our staff needed a way to sync and share files from their mobile devices, while maintaining centralized administrative controls

Device Refresh and OS Migration

Regular device refreshes and a massive Windows XP migration, resulted in data loss and employee downtime with our previous approach

Compliance

As mobile devices have become more prevalent, our ability to track data for compliance has become more challenging.

DRUVA – ENDPOINT BACKUP AND RECOVERY

- Back In 60 Seconds!
- Carry Your Data, Not Your Laptop



CASE STUDY: SECURITY FIRM

- Before
 - Group works on different projects
 - Users copy finished data through USB or external disk drives
 - No laptop & BYOD solution
- After
 - 100% Cloud solution
 - Governance of their data
 - Can securely share their data among workgroup

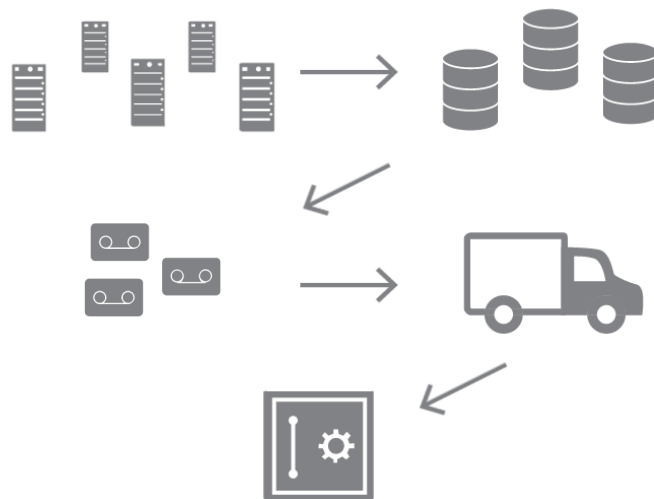
INTRODUCING DRUVA PHOENIX



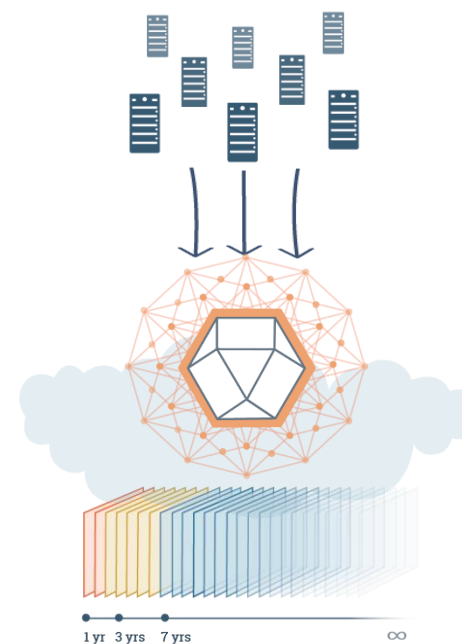
Radically Simple
Server Backup and Archiving to the Cloud

IT'S RADICALLY SIMPLE

Legacy Backup



Phoenix



Phoenix

SERVER BACKUP, BORN IN THE CLOUD

- Unified Backup and Archiving with Infinite Retention
 - Seamless management of hot, warm and cold snapshots removes complexity and reduces cost by 70%
- High-Performance, Globally Deduplicated
 - Backup and restore 20x faster
 - Network usage reduced up to 80%
- Significantly Lower TCO
 - Pay by source data, not expensive target data so costs don't increase with longer retention requirements

20x Faster
1Gbps Effective
Speeds

80%
Bandwidth
Reduction

3x
Lower TCO

Phoenix

CASE STUDY: TECHFLOW

- Before
 - BackupExec
 - Tapes
 - IronMountain long term storage
 - Error-prone, cumbersome to manage system
- After
 - 100% Cloud solution
 - Near-zero administration
 - Lower TCO than existing tape system

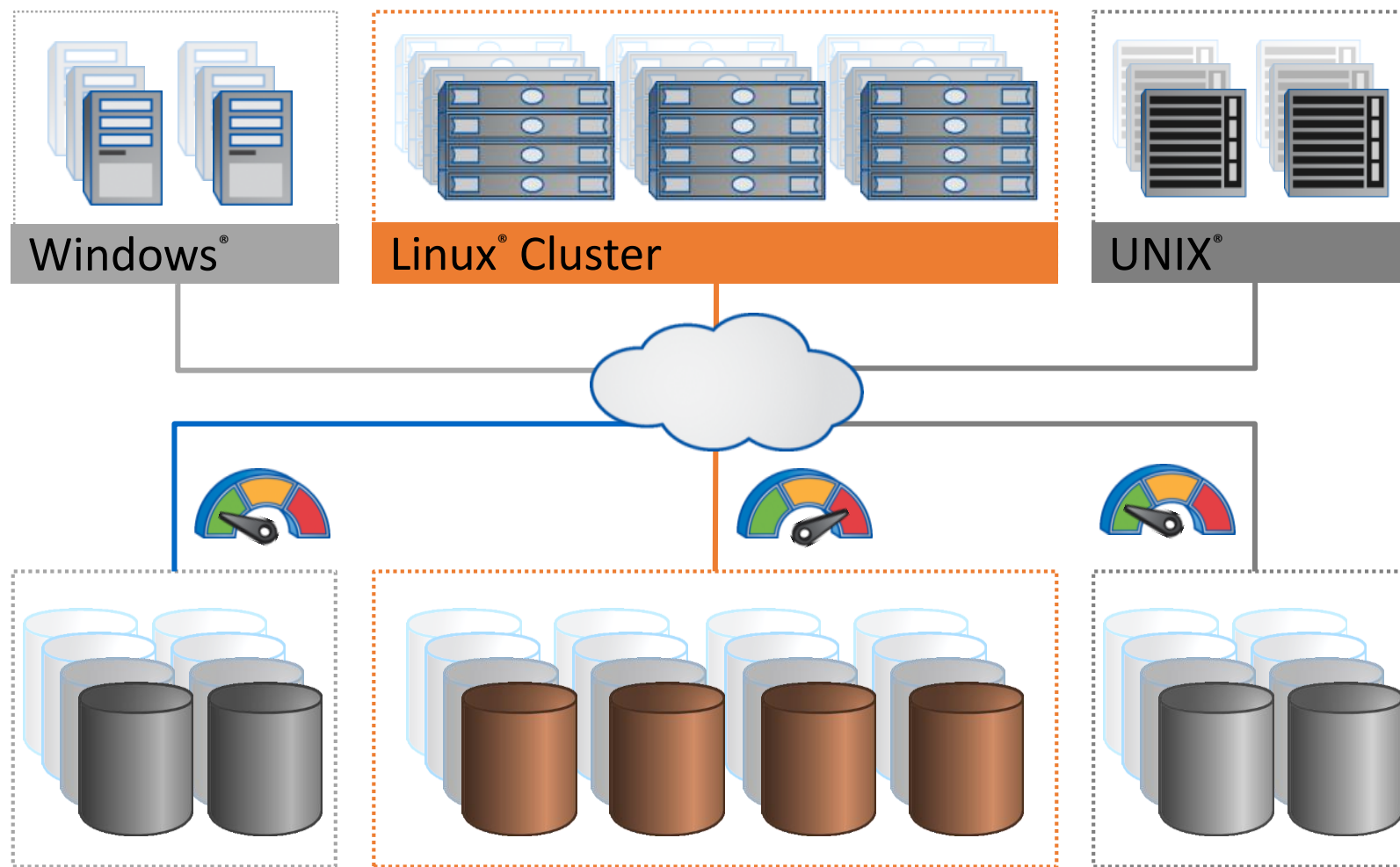


- 2.5 TB of data
- 20 servers
- 10 year retention

*Military contractor specializing
in tech services*

Phoenix

Traditional Data Center Problem

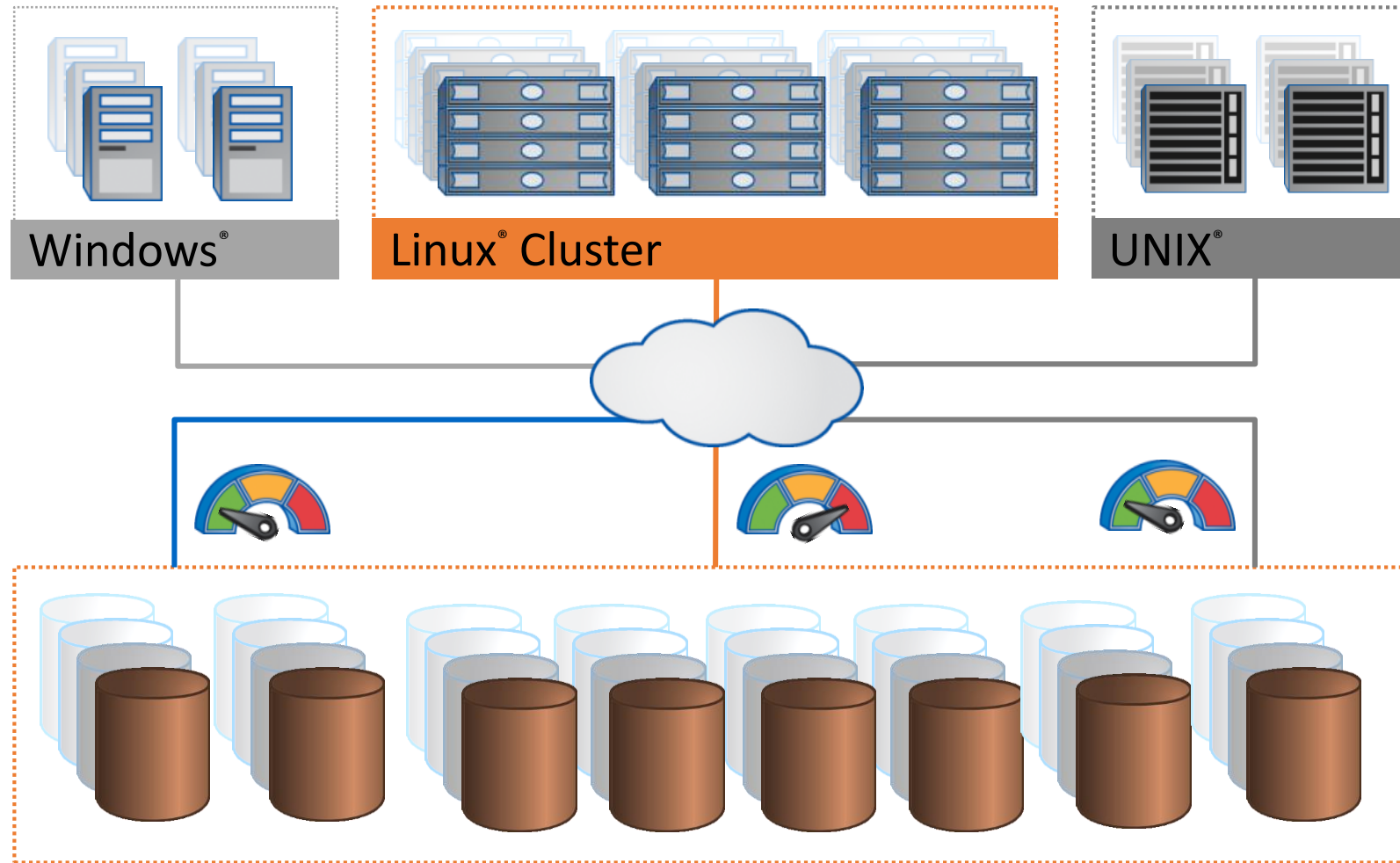


- Scale up Performance
- High Utilization

- Scale up as needed
- Unified Management

- Unified Storage Space
- Easy to expand

Now OpenNAS !!

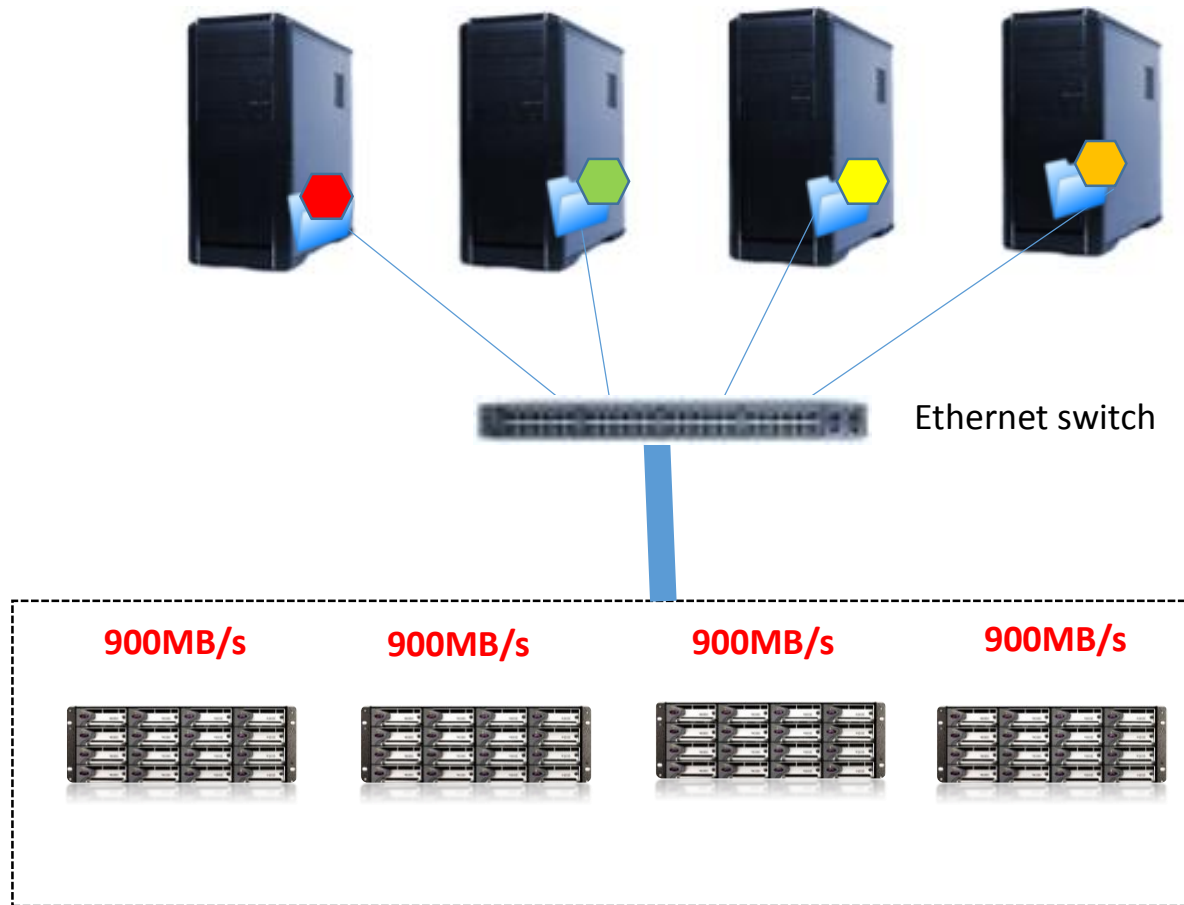


- Performance aggregation
- High Utilization

- Open Hardware
- Easy to Manage

- Pool of Storage
- Expand on the fly

Scalable Storage -- OpenNAS Solution



Unified Single Name Space

Single IP, Single Volume as Expanded

Stand-alone file system or Multiple File System

Hardware resources pool transparent to users

Scale up in performance and capacity

SOFTWARE FUNCTIONS OF OPENNAS

● Global naming space, Windows/Linux/Mac cross-platform file sharing	● Support Data Migration
● Web GUI to be released/ CLI available	● Performance counter/performance analysis logs
● Supporting Multi-file systems	● Online defragmentation
● Supporting NFS/CIFS/HTTP/FTP POSIX Standard	● Supporting native multipathing*
● Support Mirror/Stripe/DHT	● Supporting the FC->IP solution
● Online system capacity expansion	● Support Log roll back
● Capacity quota	● Data volume mirroring protection
● Supporting ACL and the integration of AD/LDAP users, Windows Domain Controller	● Supporting the scale-out NAS gateway
● Core Optimized File system	● Simple sharing
● No need for MDC head	● Isolation of faulty volumes
● Supporting Smart Data Recovery	

Support Virtualization Layers



We support OpenStack !!



