

Acronis

New Generation Data Protection

Powered by Acronis **AnyData** Technology

Acronis Backup 11.5

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Acronis Backup 11.5 Introduction

It includes, but is not limited to the following features:

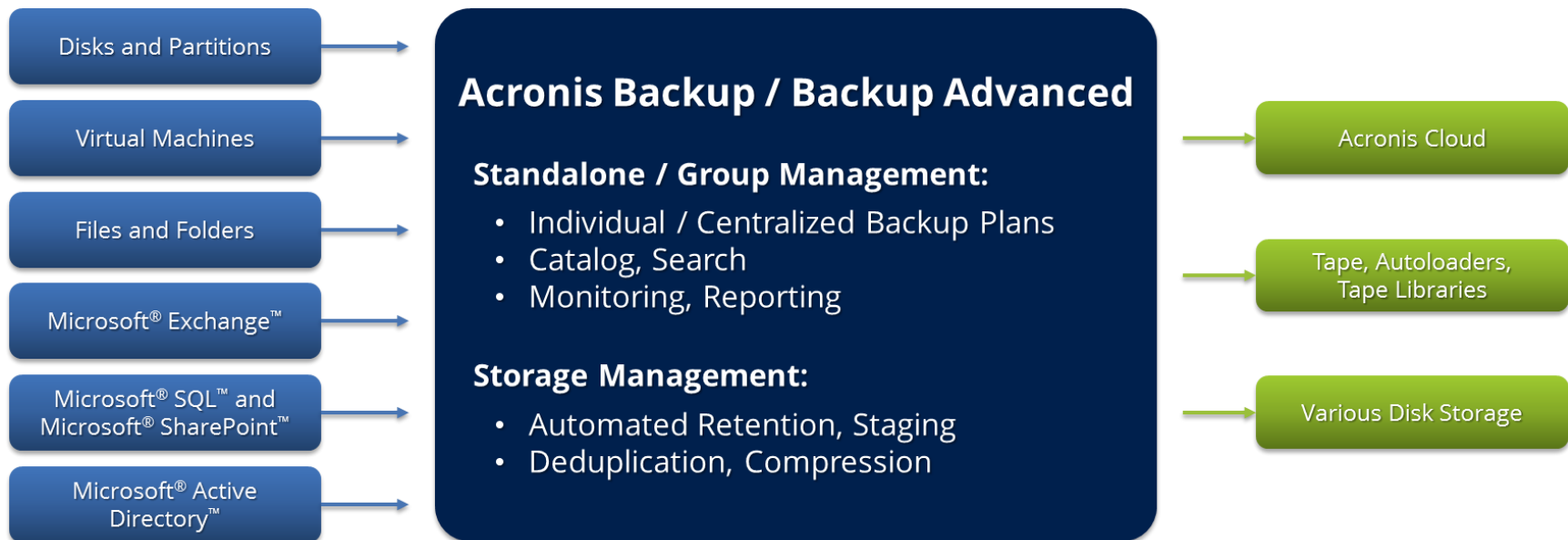
- Backup of a full system
- Backup of entire server and workstation infrastructure
- Bare-metal restore to dissimilar hardware
- Instant recovery and Migration of entire systems
- Individual file and folder backup
- Catalog, search and indexing of data



<https://www.youtube.com/watch?v=Nf8QGCx1zVI>

Acronis Backup

Acronis Backup® / Backup Advanced® is a new generation data protection, data management and disaster recovery solution for physical, virtual, cloud and heterogeneous environments of any size.



Acronis Backup offers protection for single business systems, while **Acronis Backup Advanced** allows protecting the entire environment.

Use Cases

Disaster Recovery

System-centric approach – for system recovery

Captures an entire operating system, including applications, to enable fast recovery of entire systems (workstations and servers) in the event of disaster.

Data Protection

Data-centric approach – for data recovery

Allows you to search for individual files or application items from a backup no matter where they're located in the backup file archive.

System Migration

Migrating Server Workloads

Easily and safely migrate a complete system to any physical or virtual machine and do not lock your organization into a single hardware or virtual platform.









Most organizations have two or three separate solutions for Disaster Recovery, Data Protection and System Migration these days. AB11.5 Advanced Platform provides all

Acronis Backup Advanced

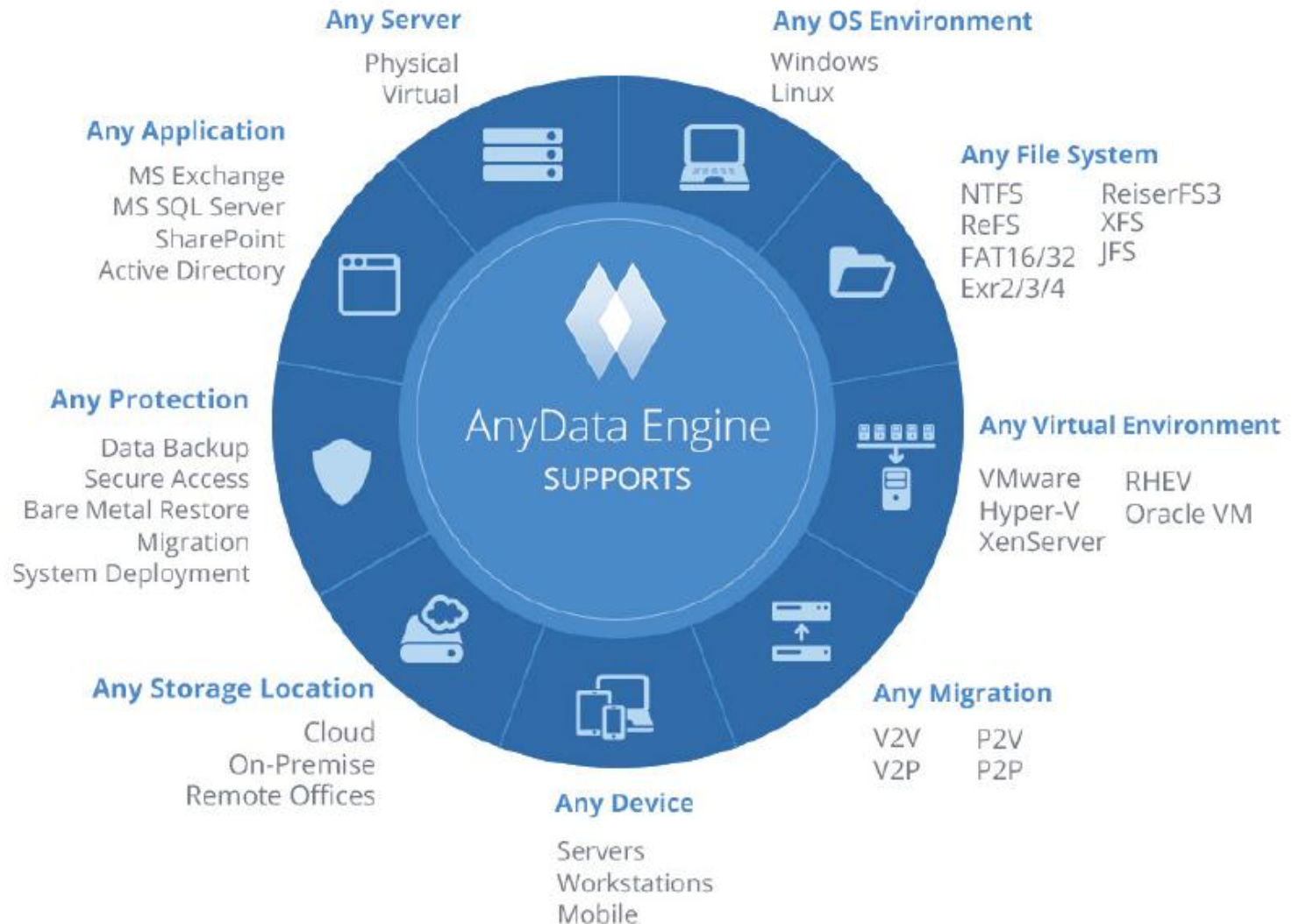
Every product of **Acronis Backup Advanced**® suite is best for respective platform or application. Our unique **AnyData**™ **Engine** also allows combining these separate products into a single holistic solution with unified centralized management, common backup format, etc.



Acronis AnyData Engine

Control	Unified Interface	Unified Policies	Centralized Management & Reporting	Physical, Virtual, Cloud & Mobile
Workload	 Acronis Backup for VMware	 Acronis Backup for Windows	 Acronis Backup for Exchange	 Acronis Access Mobile
	 Acronis Backup for Hyper-V	 Acronis Backup for Linux	 Acronis Backup for PC	 Acronis Access Desktop
Capabilities	Capture <ul style="list-style-type: none">• Disk/VM Image• Single-Pass Backup• Incremental Backup	Store <ul style="list-style-type: none">• Unified Backup Format• Disk, Tape & Cloud• Encryption	Recover <ul style="list-style-type: none">• Universal Restore• Active Restore• Granular Recovery	Access <ul style="list-style-type: none">• Policy Engine• AD Integration• Secure Mobile Editing

Acronis AnyData Engine



Application Support



Microsoft Exchange

- Separate Exchange Backup
- Granular Recovery up to emails, contacts, tasks
- Truncate logs.



Microsoft SQL

- Single-Pass Backup
- Granular Recovery up to databases
- Truncate logs.



Microsoft SharePoint

- Single-pass Backup
- Granular Recovery up to documents via SharePoint Explorer tool.



Microsoft Active Directory

- Single-Pass Backup
- Granular Recovery up to databases and SYSVOL

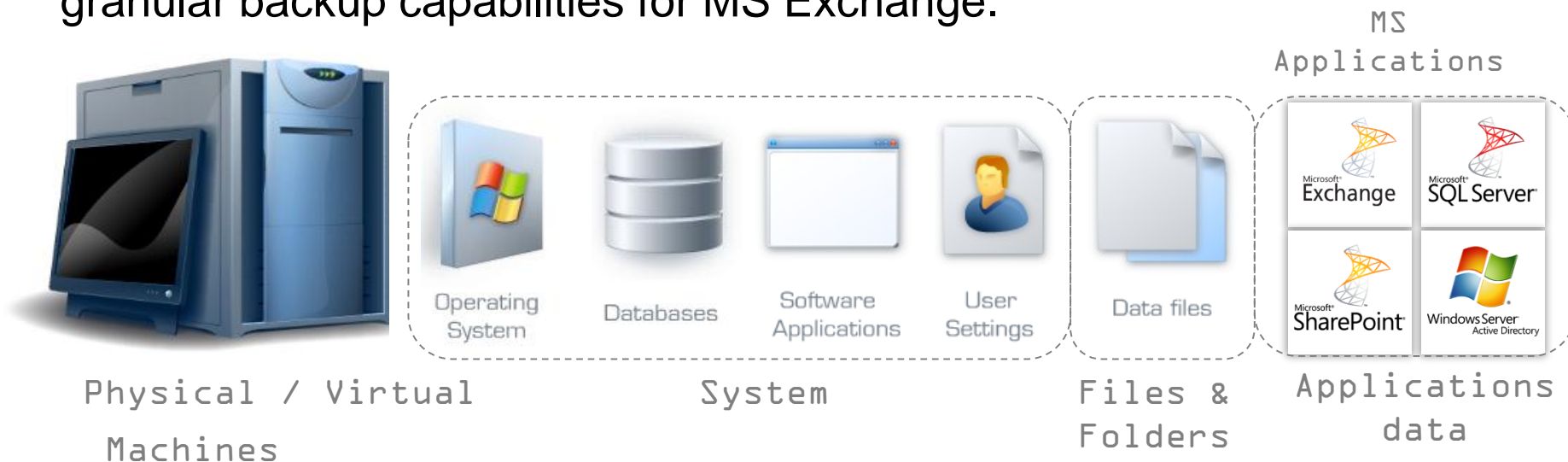
SINGLE-PASS BACKUP

APPLICATION SUPPORT OFFERED BY ACRONIS BACKUP ADVANCED

Backup

Acronis Backup allows creating a **Single-Pass Backup** of the entire system including OS, databases, applications (e.g. MS SQL, SharePoint or Active Directory) and data both on physical and virtual machines.

It also supports backing up individual files and folders and offers separate granular backup capabilities for MS Exchange.



Acronis Backup offers 7 different backup schemes for creating backup, including various schedules, conditions, etc.

Backup Storage Support

Acronis Backup allows storing backups in a **variety of different storage locations** according to Customer's needs, that includes:

- Local folders
- Network folders, NAS, SAN, DAS, etc.
- Acronis Secure Zone
- CD/DVD/Blu-ray/ZIP/Rev-Drives
- Tape Drives and autoloaders (only Advanced)
- Cloud Storage (with additional subscription)
- FTP and SFTP servers.

All backup locations in Acronis Backup are called **Backup Vaults**.



Centralized vaults

Centralized vault is a networked location allotted by administrator to serve as storage for backup of several machines in the network.



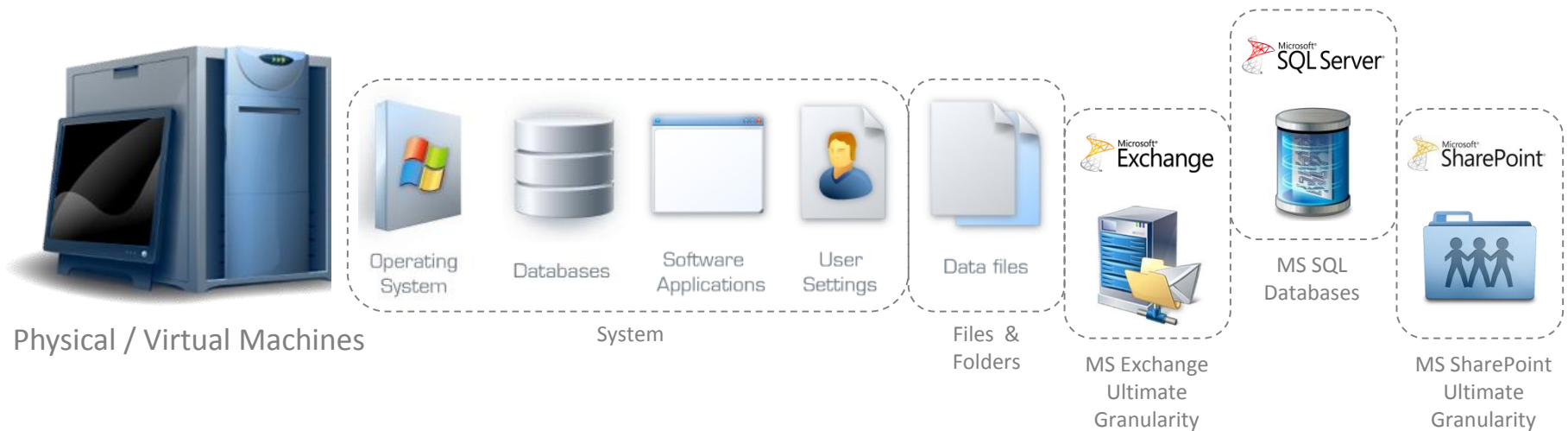
Personal vaults

Personal vault is specific for each computer and serves as a backup storage for particular machine.

Recovery

Acronis Backup allows **Recovery** of the entire system including OS, databases, applications and data from the single-pass backup. Single-pass technology also allows database-level recovery for MS SQL Server, Active Directory and ultimate granular restore capabilities for SharePoint.

It also supports restoring individual files and folders from disk image and offers ultimate granular restore capability for MS Exchange from Exchange backups.



Bare Metal Recovery

Bare-Metal Recovery is a restore process that has no additional requirements such as previously installed software or operating system. Acronis Backup allows to restore backups to computers with no operating system and to dissimilar hardware.

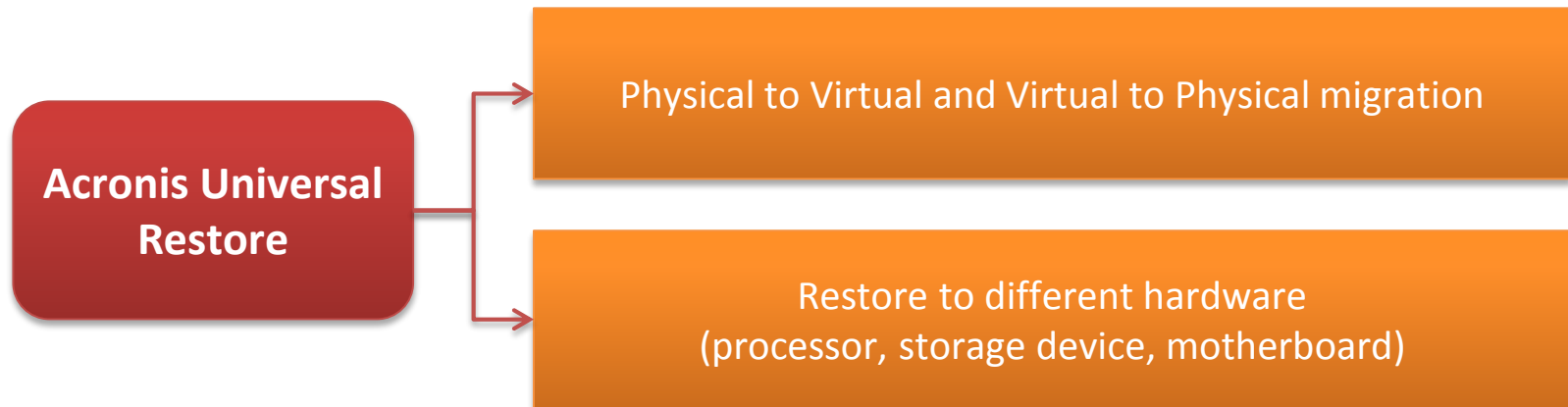


Acronis Backup Bootable Media placed on a CD/DVD or USB flash disk enables booting the computer into Acronis, even if the machine does not have any operating system on it or it is corrupted, to perform the recovery.

Acronis Universal Restore

Acronis Universal Restore helps to restore and use an image of Windows or Linux operating systems on different hardware.

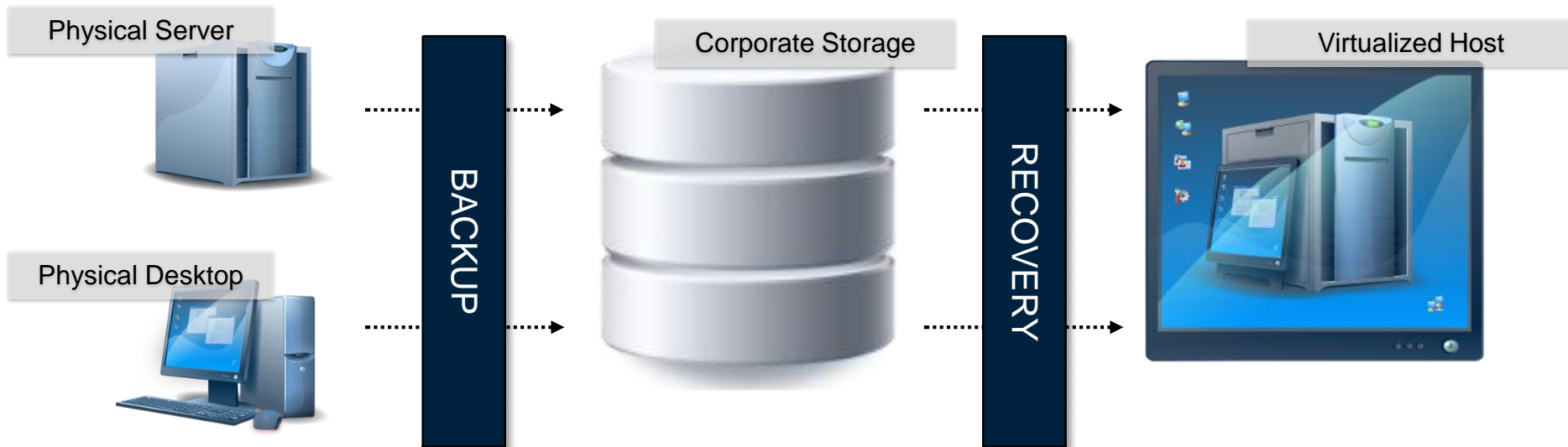
It is designed to allow a machine to boot its operating system after a recovery of an image to hardware that is different from the one it was taken from.



Migration and Instant Recovery

Acronis Backup provides **Migration** and near **Instant Recovery** capabilities when it comes to P2V or V2V migration.

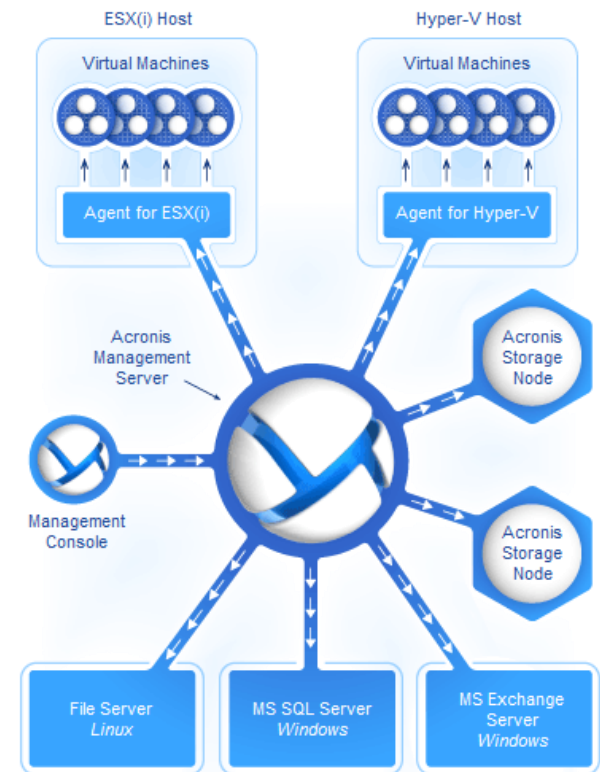
One can set up a backup of physical computer that will be automatically converted to fully functional virtual machine upon creation (for all virtual environments) and automatically added to the respective hypervisor (for ESXi and Hyper-V).



Centralized Management

To be able to propagate the management operations to multiple machines, Acronis Backup provides **Centralized Management** possibility:

- Remote backup & recovery operations through a single entry to all computers
- Centralized backup tasks and grouping
- Overall infrastructure dashboard, global alerts, monitoring and reporting
- Centralized management of storage resources
- Access to centralized backup catalog and search.



Virtual Machine Support

Acronis Backup supports 6 most popular virtualization platforms:

Both Agent-based & Agentless Backup:

VMware®
vSphere™/ESX/ESXi



Microsoft®
Hyper-V™

Microsoft®

Only Agent-based Backup:

Citrix®
XenServer



RHEV® / KVM



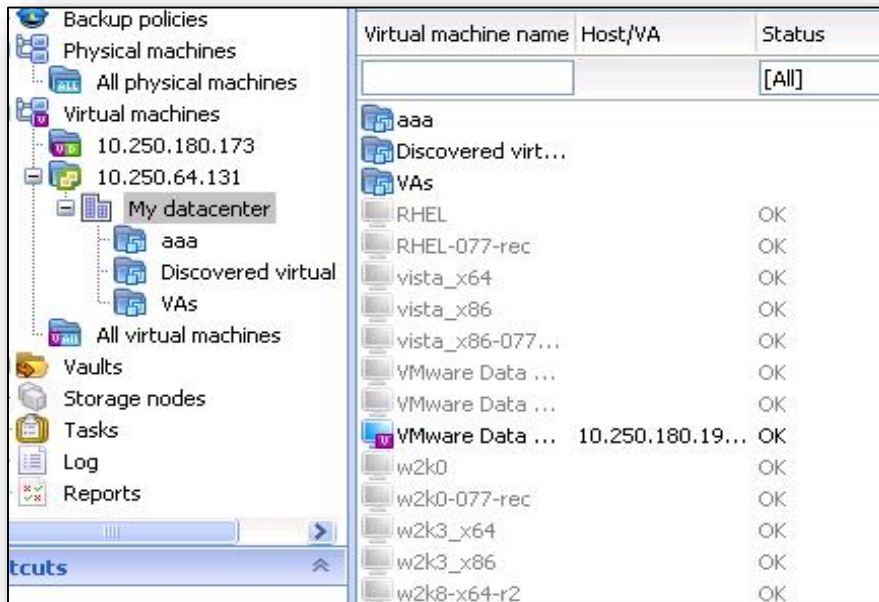
Parallels®
Server Bare
Metal



Oracle®
VM

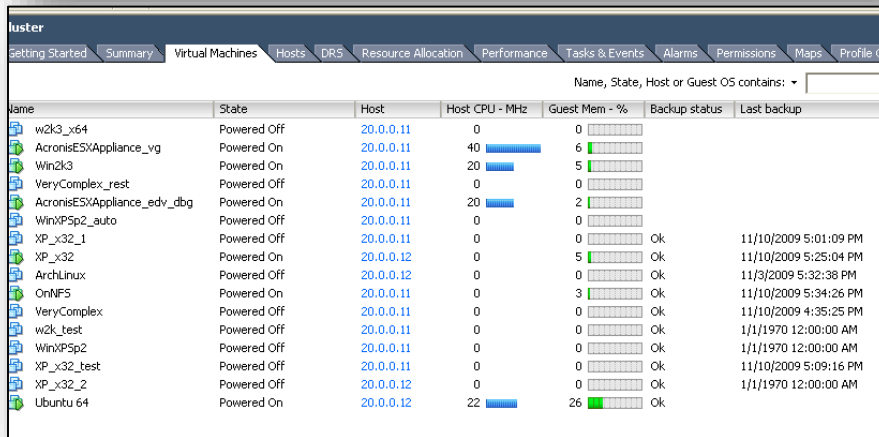


Integration with VMware vCenter



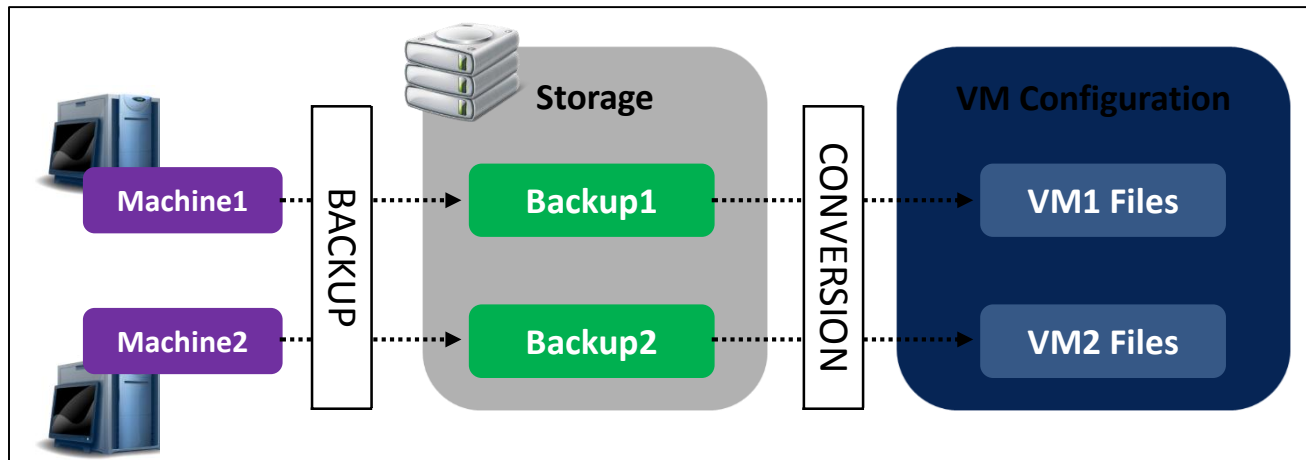
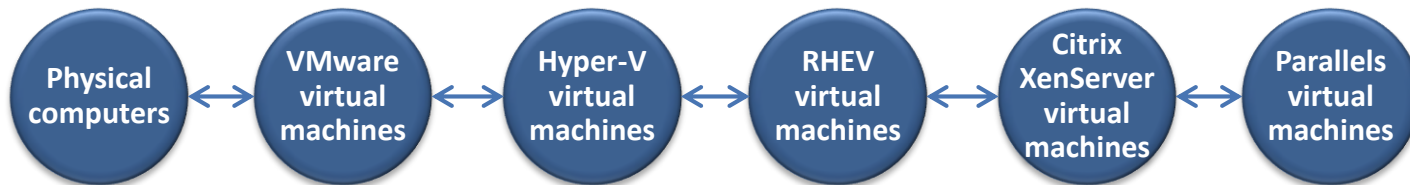
Acronis Backup 11.5 offers vCenter integration which allows for basic backup and restore functionality directly from the VMware vSphere client without having to run Acronis interface.

All virtual machines from vCenter are present in Acronis Management Server (AMS), in the same hierarchy. It also automatically registers VMs created by Acronis Backup 11.5 in vCenter.



AB11.5 Advanced Platform Migration

As a result, of unified .tib format AB11.5 **Advanced Platform** also offers all various migration options - P2V, V2V, V2P, P2P – between any of:



- ❖ **Acronis Universal Restore** automatically makes sure that the system will boot on new virtual/physical hardware
- ❖ VM settings (such as disk size, resources allowed, etc.) can be changed during conversion

Acronis Backup to Cloud

Acronis Backup to Cloud® is a new generation data protection, data management and disaster recovery solution that allows secure, scalable and affordable off-site backup for the environment of any size.



Acronis Backup to Cloud comes as add-on subscription for Acronis Backup / Backup Advanced and allows reliable off-site data protection.

Summary - AB 11.5 Advanced Platform Features

- **Centralized management:**
 - Acronis Management Server provides centralized and unified policy-based management and monitoring of all agents and options
 - Advanced reporting system
- **Global Data Catalog with Search:**
 - Backups in centralized vaults are indexed and catalogued
 - Single place to find and recover any version of any file/e-mail
 - Search through the catalogue
- **Deduplication:**
 - Reduce storage required for backups by eliminating duplicates
- **Tape Management:**
 - Backup to tape and tape libraries with sophisticated tape management

Summary - AB 11.5 Advanced Platform Features

- **Universal Restore**
 - Automatically makes sure that the system will boot on new virtual/physical hardware
- **Support the whole environment**
 - Windows and Linux Servers
 - Physical and Virtual
 - Application Support
 - Windows and MAC workstations
- **Storage**
 - Local storage on disks
 - Local storage on tapes
 - Cloud storage

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Acronis Access

Secure file sharing in a dangerous world

Светлин Ботев

Продуктов Мениджър, „Контракс“ АД

File synchronization and sharing

- Mobility is radically changing the learning and teaching environment. Institutions need the ability to provide mobile access to learning materials and securely share student records and business documents.





- Schools can benefit from mobile devices by providing a cost-effective, sustainable way to access and share files, and by increasing student engagement and enhancing the learning experience through increased collaboration. However, educational institutions must still be mindful of security concerns and regulatory requirements when accessing confidential student information on mobile devices.

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Migrant Group: 500 Feared Dead After Boat Rammed

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Recruits 4 Women to Advise on Violence and Sex Assault Policy

He Admits He Didn't Really Write 'Was High in the Studio'

Part of Microsoft, and It

TECH SECURITY

How That Massive Celebrity Hack Might Have Happened

Justin Worland @justinworland Sept. 1, 2014

Tech experts say hackers may have gained access to cellphone pictures of Jennifer Lawrence, Kate Upton and others in the iCloud via the "Find My iPhone"



Terry Crews Won't Hit the Brakes

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ZDNet

Dropbox not hacked, just stupid

Topic: Cloud

Summary: Far from suffering a hacking incident, the file hosting service fell victim to its update scripts and MySQL infrastructure.

Topic: Security

ZDNet

Dropbox gets hacked ... again

Summary: After last year's embarrassing data breaches, Dropbox promised to implement additional safeguards "to prevent this from happening again." Whoops, it just happened again.

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Nude photo iCloud hack angers celebrities

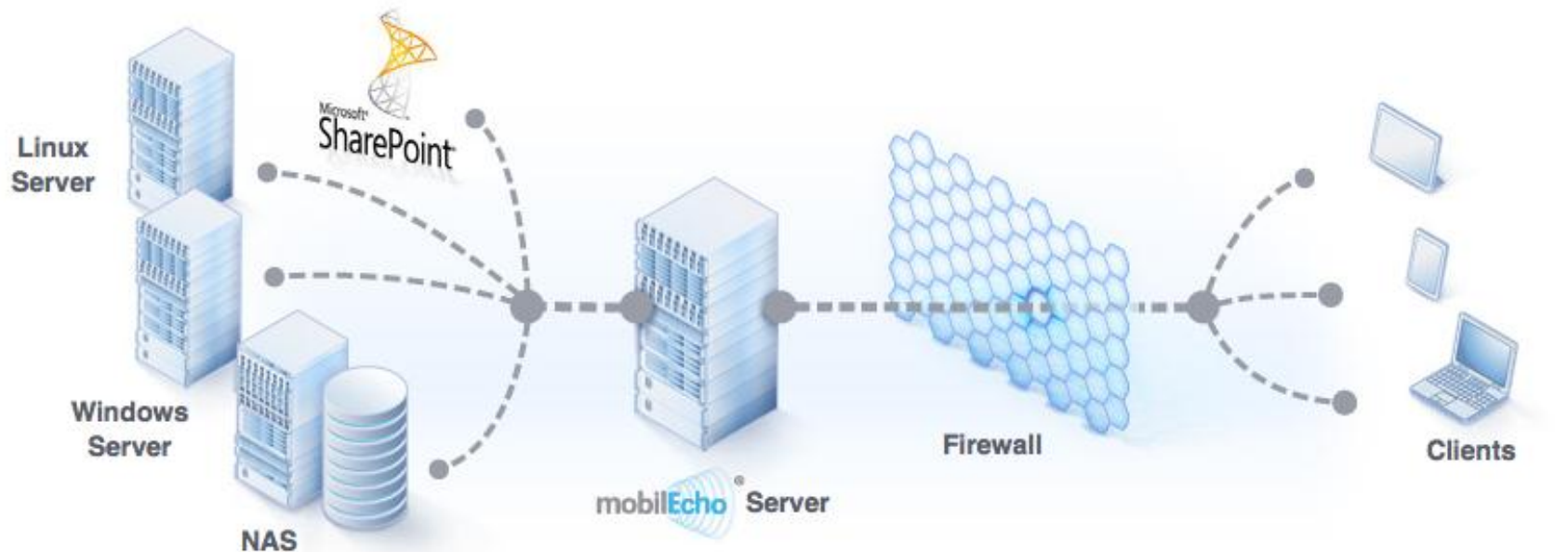
3 September 2014 Last updated at 13:21 BST

2 Different Worlds

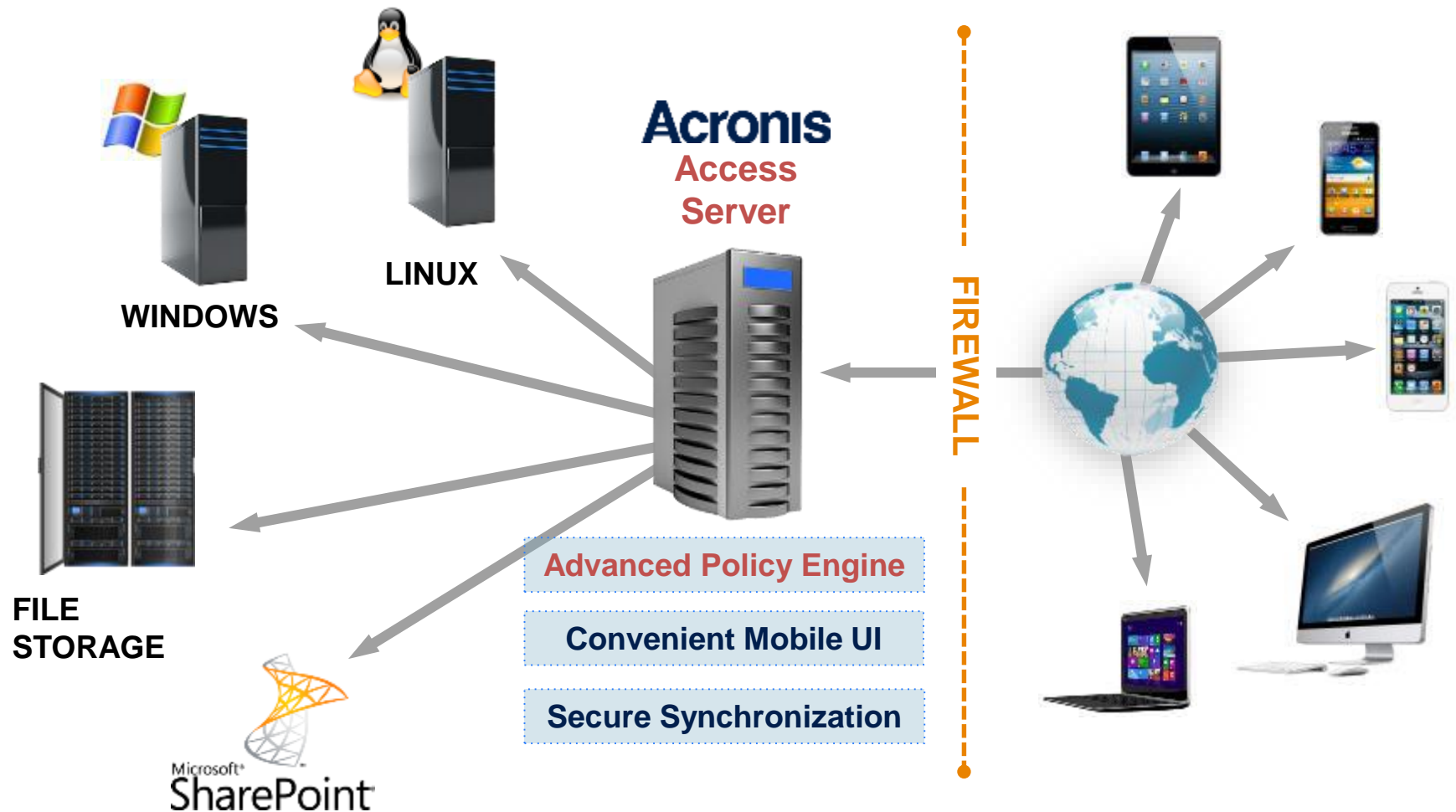


The solution: Acronis Access

- <http://youtu.be/VpcY0Tu-OXE>



The solution: Acronis Access



Acronis Access – user functions

Personal virtual drive

Access to network resources

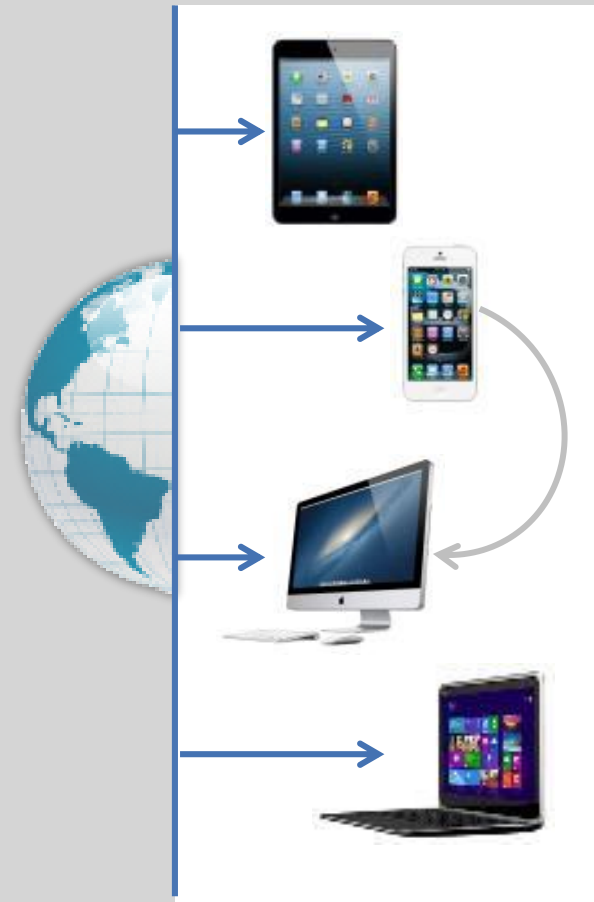
Intuitive web access

Win & Mac desktop client

Mobile device application
IOS, Android, Windows Phone

Access to network resources
and SharePoint

Sync virtual drive with local
folder



Acronis Access – user functions

Easy and secure work environment

Build-in MS Office file editor

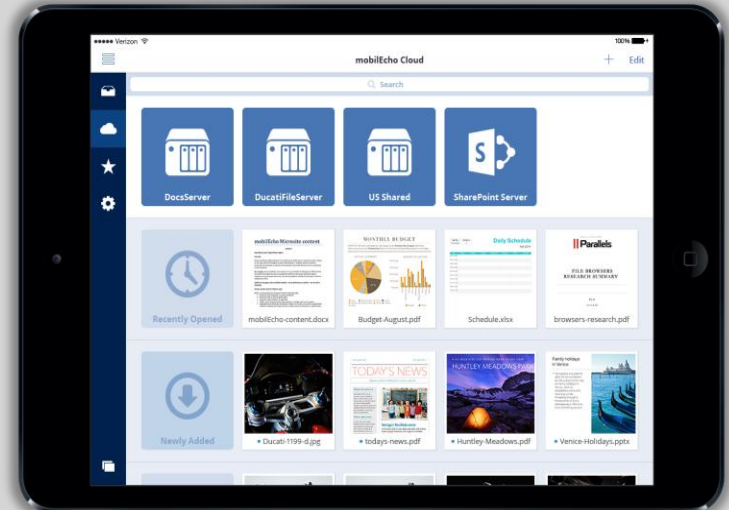
File versioning

Possibility to work online and offline

Interactions with other apps

Easy sharing with other users

Sharing with download link



Acronis Access – security and control

Runs **on-premise** so you have total control

Provides seamless authentication and user management through Active Directory

Offers in-depth visibility into user activities with **audit logs**.

Delivers sophisticated security and management controls with the advanced **Acronis Policy Engine**.

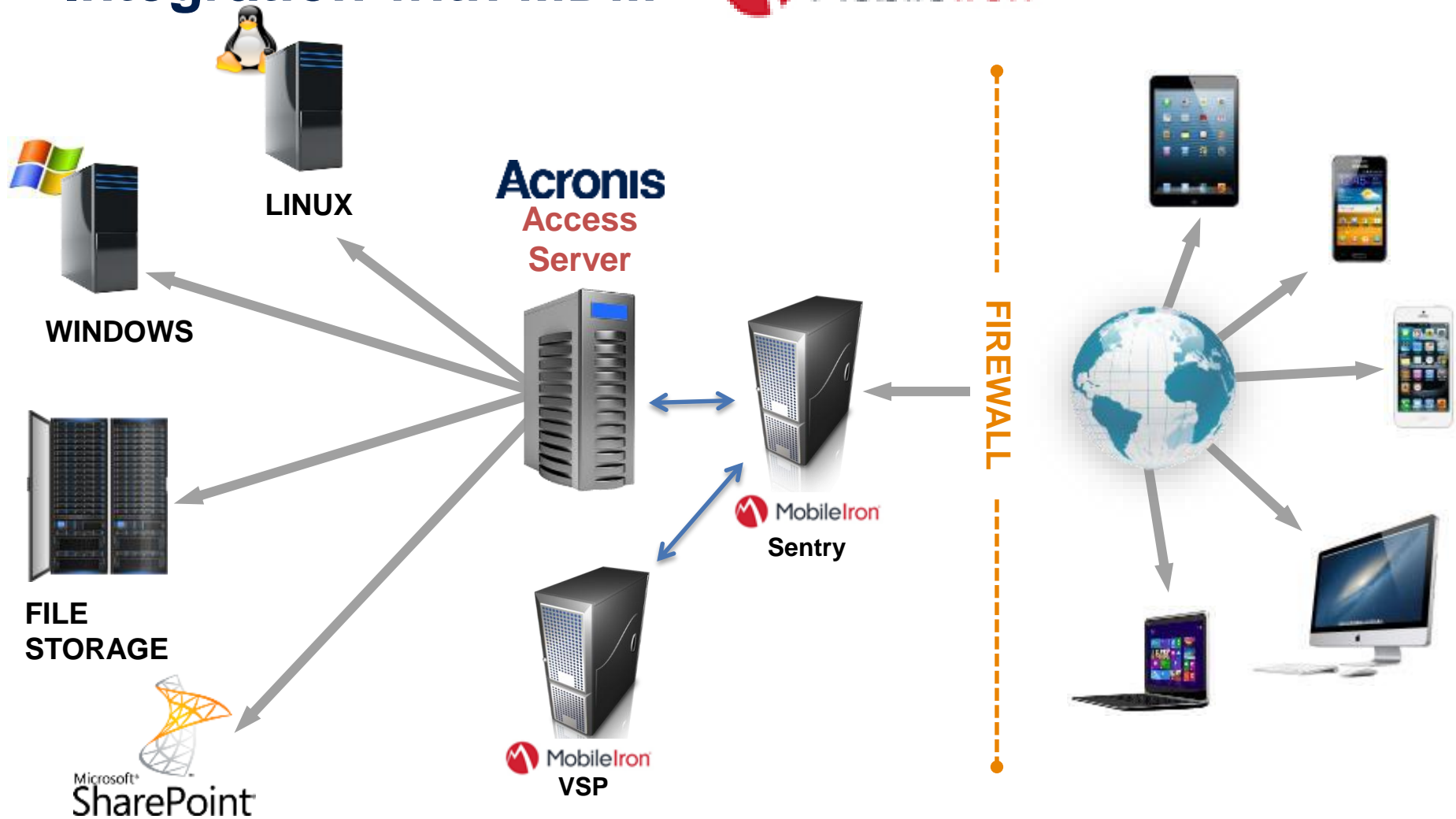
AES 256 encryption FIPS 140-2 certified

Eliminates data leakage and improves productivity with **integrated mobile Office document editor**.

BYOD under control



Acronis Access – security and control Integration with MDM



Customer Success



**University of
East Anglia, UK**

“What makes this such a worthy investment is the application’s ease of use and ease of installation... Something that works with our core infrastructure right away is a breath of fresh air.”

“They love that it just works...Nothing else in the market allows you to do that in such a transparent and easy manner.”



Acronis Access

- Over 8000 customers worldwide



Summary - Acronis Access Advanced Features

- Deployed on premise providing IT maximum control.
- Active Directory for authentication, user account management and device enrollment.
- Acronis Policy Engine provides granular management capabilities and ensures control and compliance for content, users and devices.
- Users can create and edit Office documents and annotate pdf's within the Acronis Access mobile app.
- Enterprise class audit trail and history for all transactions, including search, filter and export functions.
- Secure over-the-air and on-device encryption.
- FIPS 140-2 certified encryption module.
- White and black lists of users, groups, domains, applications.
- Server-side API for enrollments, data sources and policies.
- HTTPS Reverse Proxy support, with password and certificate authentication.
- Selective remote wipe
- Integration with key MDM partners including MobileIron, Good Technology and others
- Smart Card authentication support (CAC/PIV).

Q&A



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