



Barracuda Data Protection Products

Long-term storage for Just-In-Case protection



Florian Vojtech

Sales Engineer

SECURITY



BARRACUDA SPAM & VIRUS FIREWALL

Blockt E-Mail-basierte Spam & Viren und verhindert Datenverlust



BARRACUDA WEB FILTER

Schützt Web User vor Malicious Code und unerwünschten Inhalten



BARRACUDA WEB APPLICATION FIREWALL

Verteidigt Webseiten und Web Applikationen vor Angriffen



BARRACUDA NG FIREWALL

Bietet Schutz auf Applikationen- und Identitäts-Ebene in verteilten Netzwerkumgebungen



BARRACUDA SSL VPN

Ermöglicht einen sicheren und Clientlosen Remotezugang



BARRACUDA IM FIREWALL

Kontrolliert und regelt internen und externen IM-Traffic

SERVICES



BARRACUDA WEB SECURITY FLEX

Hybride, Cloud- und Appliance-basiertes Web Filtering und Malware-Schutz mit zentralisiertem Management und Reporting



BARRACUDA EMAIL SECURITY SERVICE

Cloud-basierte E-Mail Security und Data Loss Prevention



BARRACUDA BACKUP SERVICE

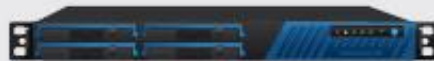
Cloud-basiertes Backup für ausfallsichere Disaster Recovery



BARRACUDA CONTROL CENTER

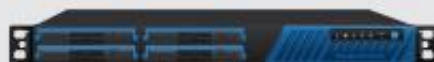
Cloud-basiertes zentralisiertes Management für Lösungen von Barracuda Networks

DATA PROTECTION



BARRACUDA BACKUP SERVER

Bietet lokales, Disk-basiertes Daten Backup & Deduplizierung



BARRACUDA MESSAGE ARCHIVER

Archiviert E-Mail und IM-Kommunikation und erfüllt Compliance-Vorgaben

NETWORKING



BARRACUDA LOAD BALANCER

Verteilt Netzwerkverkehr über verschiedene Server



BARRACUDA LINK BALANCER

Kumuliert Internetverbindungen

VIRTUAL APPLIANCES



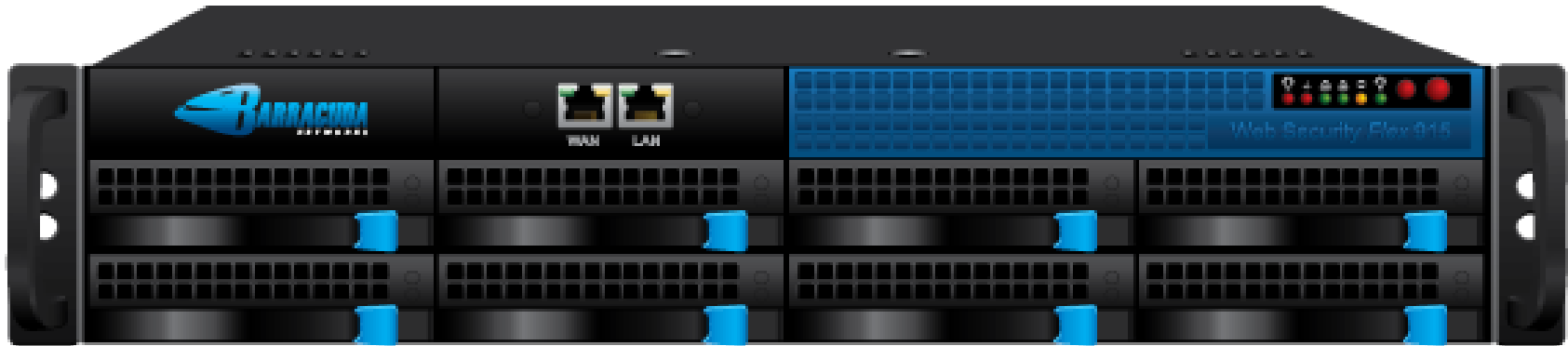
BARRACUDA NETWORKS VX SOLUTIONS

Bietet die Leistungsfähigkeit der mehrfach ausgezeichneten Hardware Appliances und integriert sie nahtlos in virtuelle Umgebungen



Barracuda Networks is a VMware Technology Alliance Partner

Barracuda Backup Service



- The right solution for business continuity



Common Backup Scenario



File / Application Servers



Backup Software



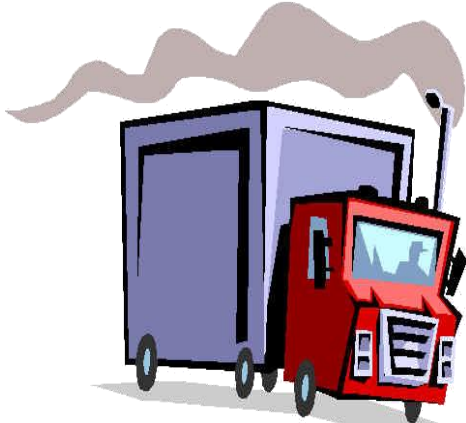
Removable Media Device



Removable Media



Courier Services



Offsite Location



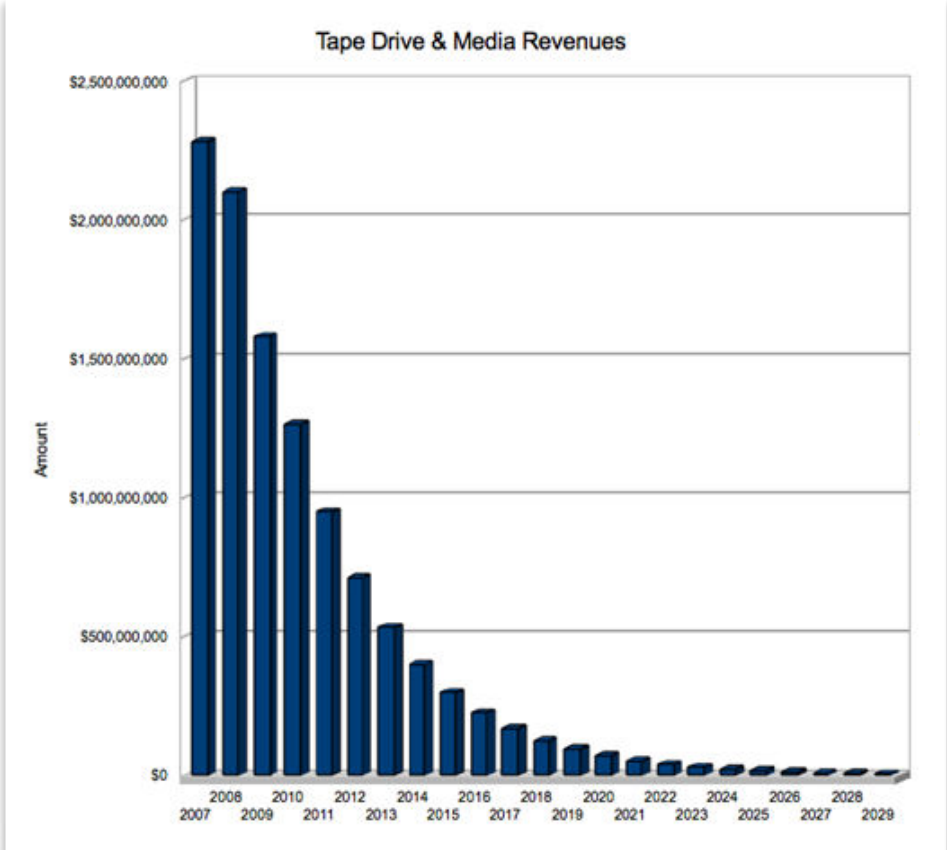
Labor



Tape Backup Market



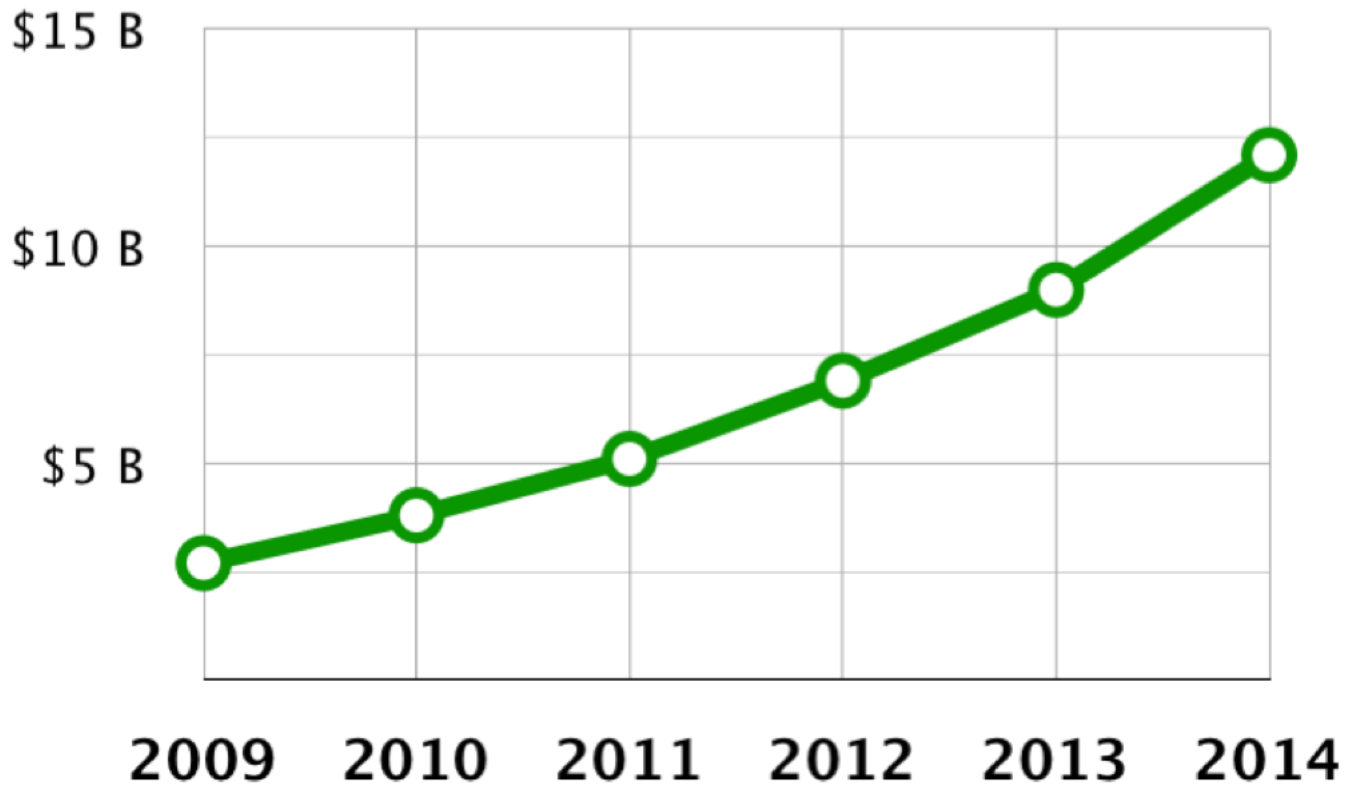
- Use of tape backup is declining by as much as 20% per year.



Cloud Storage Market



- Growth and projections from IDC.



- Complete local and offsite data backup with deduplication.

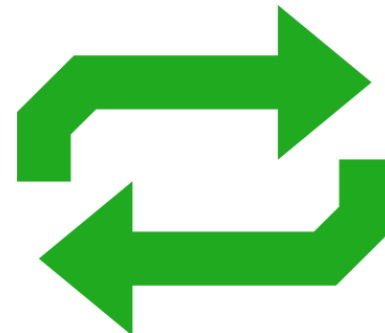


Cloud Storage



Private Replication

Site-to-Site



Barracuda Backup Server



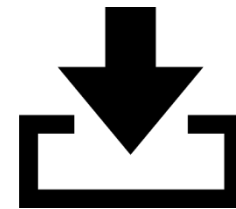
- Purpose built dedicated backup hardware device.



**Integrated
Storage**



**Dedicated
Performance**



**Automatic
Updates**

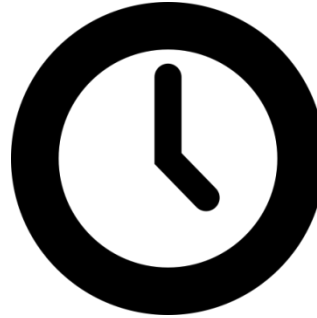
- Intelligently targets new and changed data after initial backup.



**Initial Full
Backup**



**Targets
Changes**



**Backup Window
Decreased**



**Less Storage
Required**

To protect 1 TB primary storage

Traditional Backup

Retention

10 Daily

8 Weekly

12 Monthly

7 Yearly

37 TBs

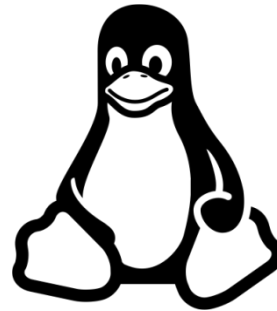
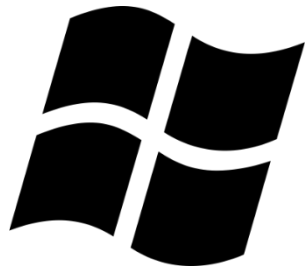
Barracuda Backup Service



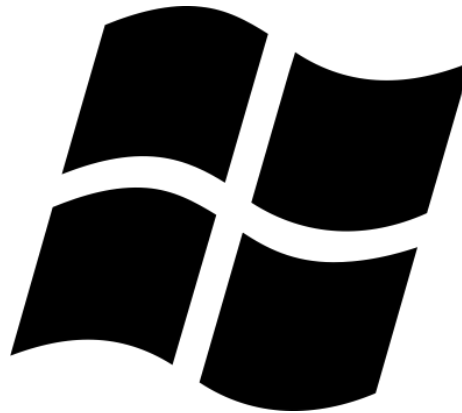
Inline data deduplication
Aggressive compression

1-2 TBs

- Backup via standard network protocols like CIFS and SSHFS.



- Includes agent software for Windows Server backup and application protection.



Microsoft
Exchange

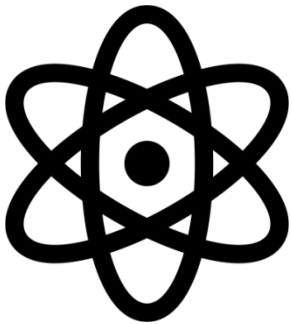
2003, 2007, 2010

Microsoft
SQL Server

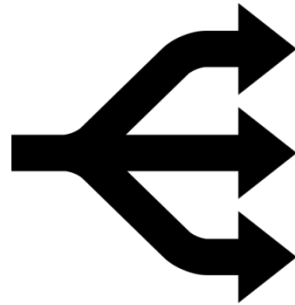
2005, 2008

Microsoft
Hyper-V

- Flexible and efficient backup and restoration features.



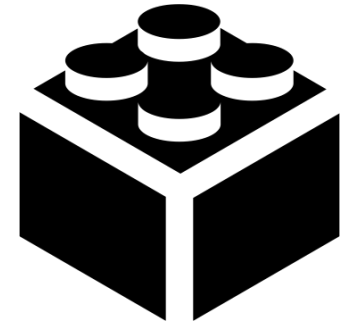
Smart-mode
Incremental



Move
Restores



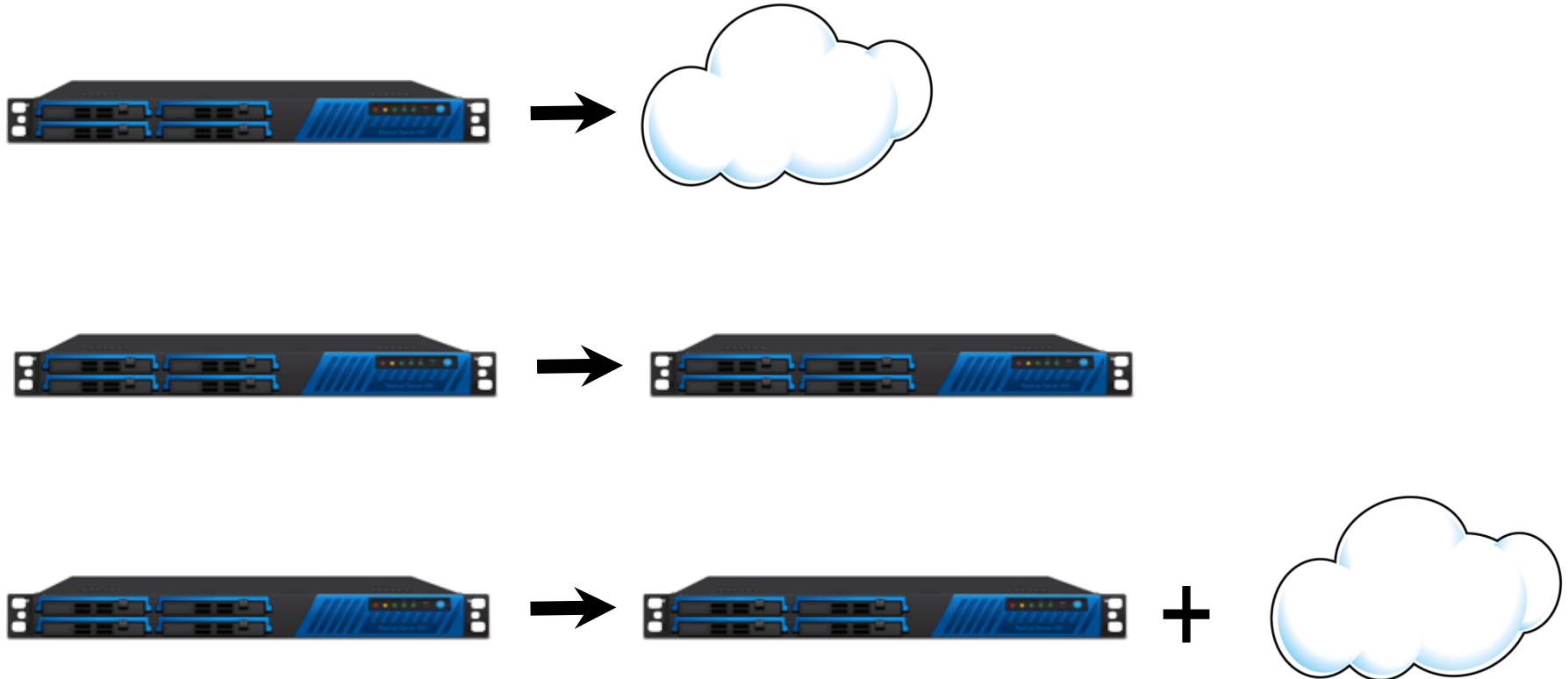
Recovery
Storage Groups



Message
Level Backups







Flexible Replication Options

- Cloud storage, private site-to-site and hybrid replication.



Barracuda Backup Server Models



	Model	Suggested Backup Volume	Internal Capacity
190		100 GB	250 GB
390		500 GB	1 TB
490		1 TB	2 TB
690		2 TB	4 TB
890		4 TB	8 TB
990		12 TB	24 TB

Live Demo

<http://demo.barracuda.com>

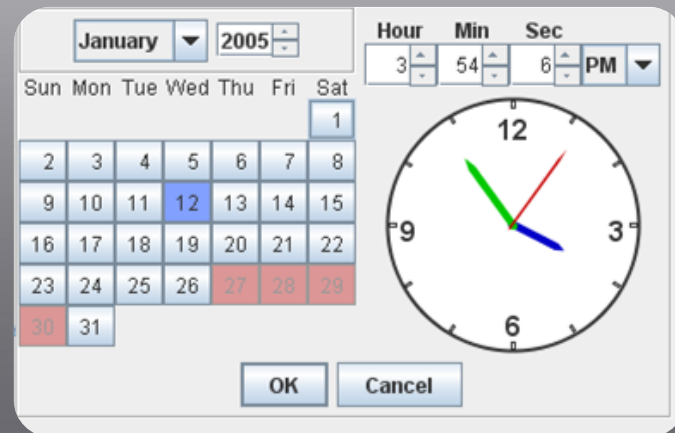
Archiving

- Designed for long retention
- Plan to save everything
- Indexing and searching is critical



Backup

- *Backup* of primary data source
- Deletion from Primary Source deletes from backup
- Point in time snapshots



Barracuda Message Archiver

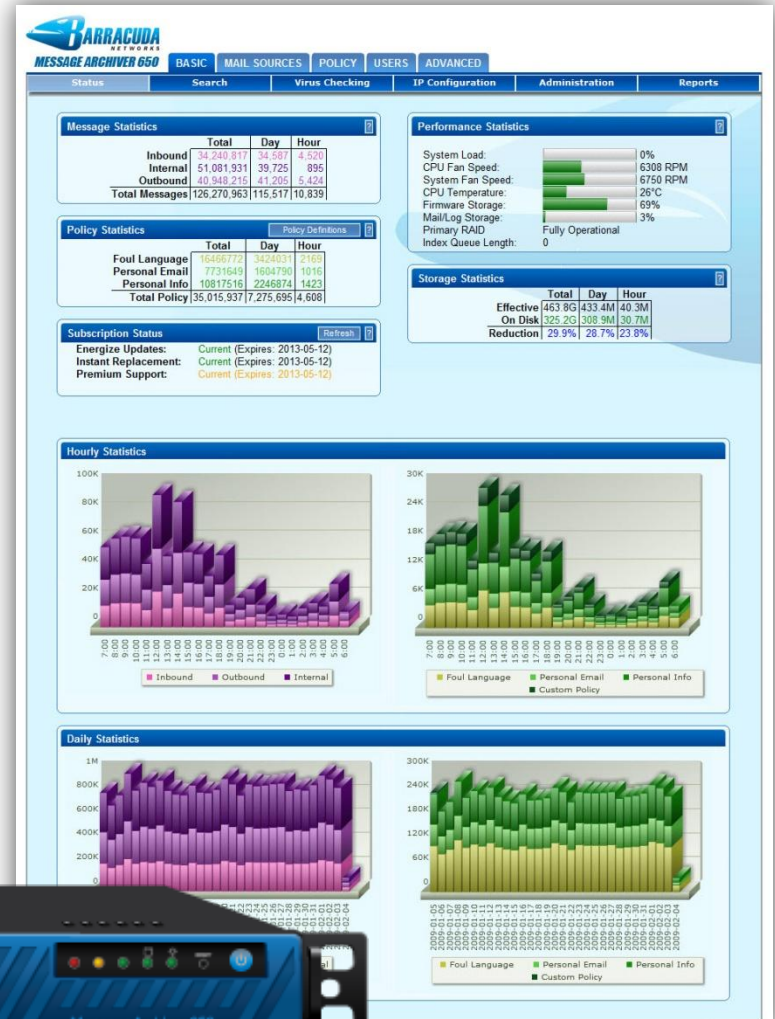


- Der Barracuda Message Archiver erfüllt die technischen Anforderungen aller in Deutschland geltenden Regeln an ein Archivierungssystem:
- Abgabenordnung (AO)
- Bundesdatenschutzgesetz (BDSG)
- Grundsätze ordnungsmäßiger DV-gestützter Buchführungssysteme (GoBS)
- Grundsätze zum Datenzugriff und zur Prüfbarkeit digitaler Unterlagen (GDPdU)
- Handelsgesetzbuch (HGB)
- Merksätze des VOI zur revisionssicheren elektronischen Archivierung
- Telekommunikationsgesetz (TKG)

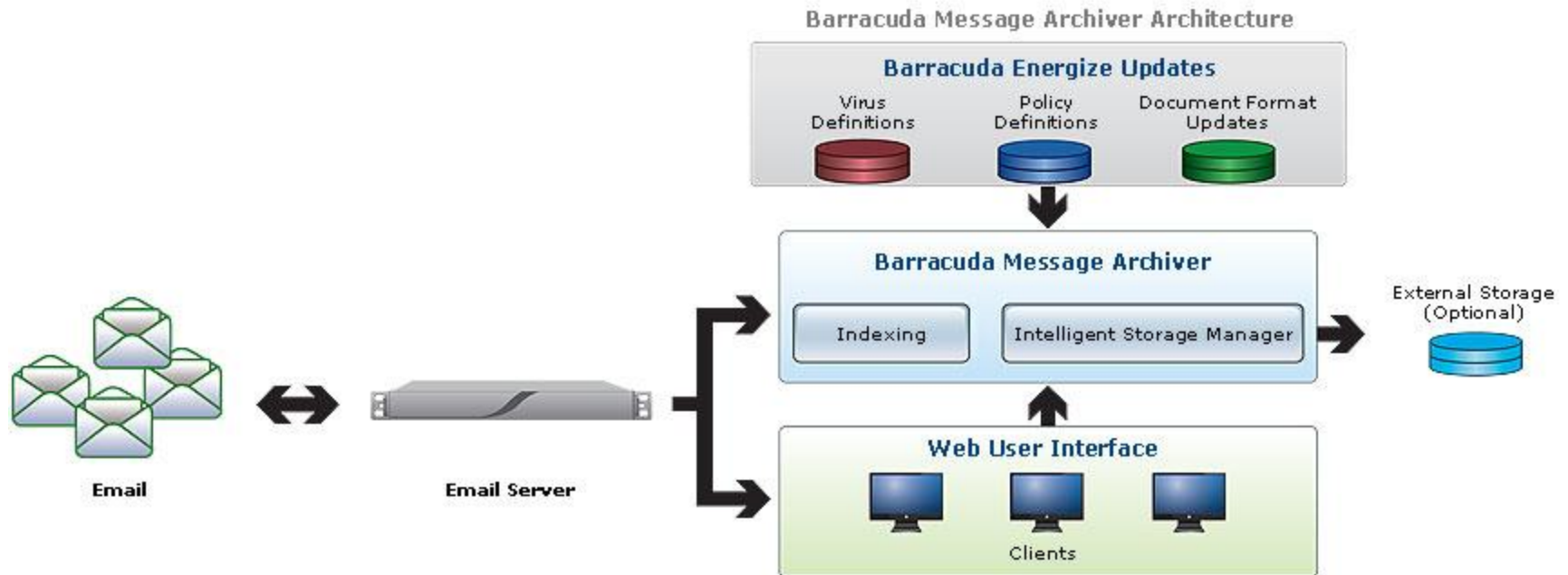
Barracuda Message Archiver



- The Right Way to Archive
 - Integrated hardware & software
 - Comprehensive archiving
 - Policy based search & retrieval
 - Internal & external storage
 - Works with all email servers
 - Easy to use
 - Affordable

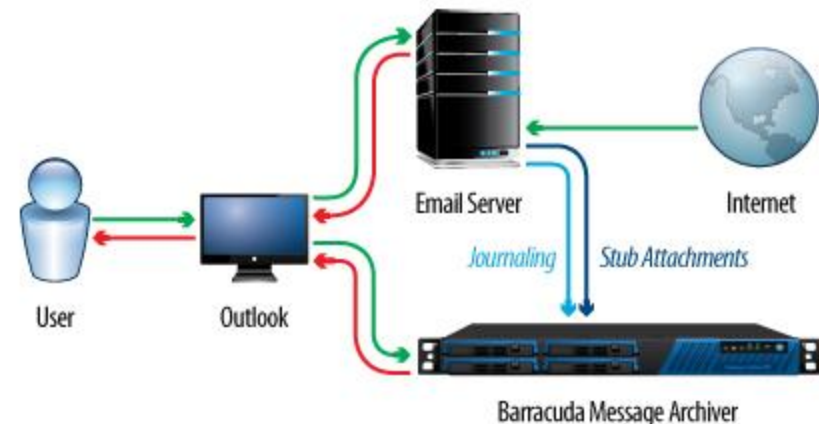
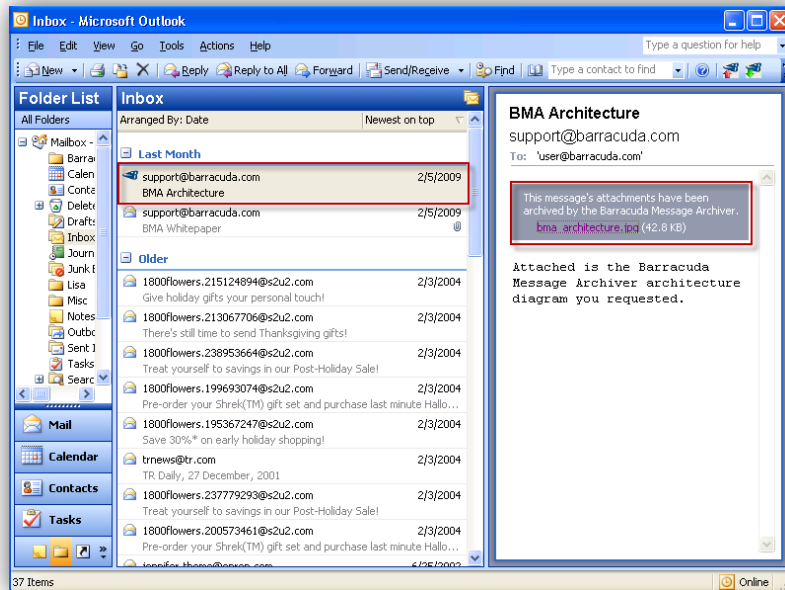


How it works



Exchange Stubbing

- Moves attachments from Exchange to Barracuda Archiver
- Replaces attachment with a pointer or “stub”
- Stub allows access via Outlook and Outlook Web Access
- Cuts the high cost of transactional storage
- Extends Email server life

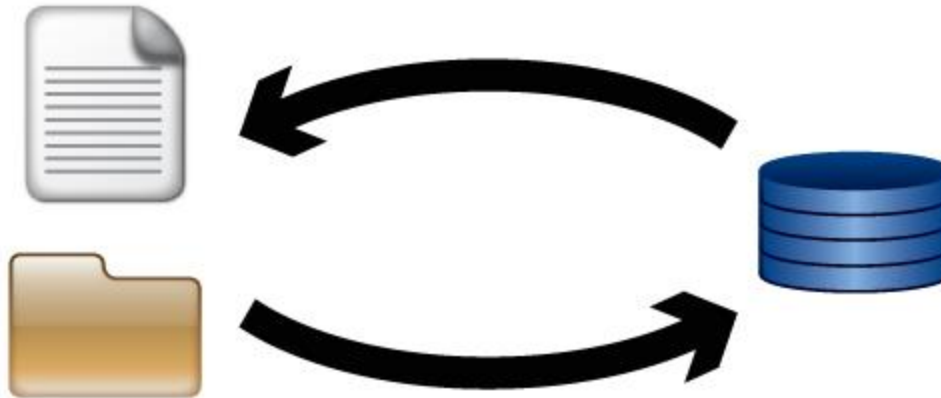


- Outlook Add-In
 - Search emails from within Outlook
 - Open archived emails
 - Reply, Forward, Print from Outlook
 - Stub messages
 - Retrieve messages and move them to folders
- Lotus Notes Mail Application

- Barracuda Archiver can retrieve folder information
- Users can browse folders through the Web UI
- Can specify folders through Outlook Add-in
- Exported PST files have folder structure



- Supports Internal & External Storage
 - Access internal storage only through UI
 - Cannot modify or delete emails
- External Storage
 - iSCSI storage
 - Automatic storage management



- Key Benefits
 - Appliance ease of deployment and use
 - Save, search and store email in a single place
 - Reduces transactional storage costs
 - Solve compliance and litigation challenges
 - Maintenance and hassle free
 - Highly affordable, reduces TCO



Barracuda Message Archiver Models



MODEL COMPARISON	MODEL 150	MODEL 350	MODEL 450	MODEL 650	MODEL 850	MODEL 950	MODEL 1050
CAPACITY*							
Maximum Users	150	500	1,000	2,000	4,000	6,000	18,000
Storage Capacity	500 GB	1 TB	2 TB	4 TB	8 TB	12 TB	24 TB
Redundant Disk Array (RAID)		RAID-1	RAID-1	RAID-6	RAID-6	RAID-50	RAID-60
ECC Memory				✓	✓	✓	✓
Redundant Power Supply					✓	✓	✓
FEATURES							
Hardened and Secure OS	✓	✓	✓	✓	✓	✓	✓
Comprehensive Archiving	✓	✓	✓	✓	✓	✓	✓
Search and Retrieval	✓	✓	✓	✓	✓	✓	✓
Exchange Stubbing	✓	✓	✓	✓	✓	✓	✓
Reporting and Statistics	✓	✓	✓	✓	✓	✓	✓
Policy Management	✓	✓	✓	✓	✓	✓	✓
Intelligent Storage Manager	✓	✓	✓	✓	✓	✓	✓
Role-Based Interface	✓	✓	✓	✓	✓	✓	✓
High Availability			✓	✓	✓	✓	✓
Customizable Branding				✓	✓	✓	✓
Hardware iSCSI Adapter					✓	✓	✓

Live Demo

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Vielen Dank

Florian Vojtech

Sales Engineer

fvojtech@barracuda.com

