CloudProof

M1200/2200

M3200

Empower an enterprise to deploy elastic mail and file services under the hybrid cloud computing environment

■ ■ **M1200 / M2200 / M2400 / M3200**

Features and benefits :
Google APPS™ sync and migration

■ Two way auto sync and backup for local and Google™ site

■ Wizard for Google™ account ,mail and file migration

■ Per user management for backup and storage quota

Cloud Service redundancy

■ Internal web based mail and file services

■ Seamless mail and file service across local server and cloud site

■ Internet link auto detection and redirection

■ Remote Cloud Resource monitoring

Equipment Reliability

■ Network reliability by Internet Link failover and LAN 802.3ad failover

■ Storage reliability by RAID mirror

■ Operation system resource monitor and alert

■ Hardware monitor and watchdog auto recovery

It is well known that Cloud computing enhances performance and scalability, while reducing the Total Cost of Ownership (TCO). However, there are some desired capabilities that should exist in conjunction with an enterprise cloud deployment:

Availability

There are possibilities that the remote cloud site can not be reached by some points of failure; therefore, a fail-over protection should be considered.
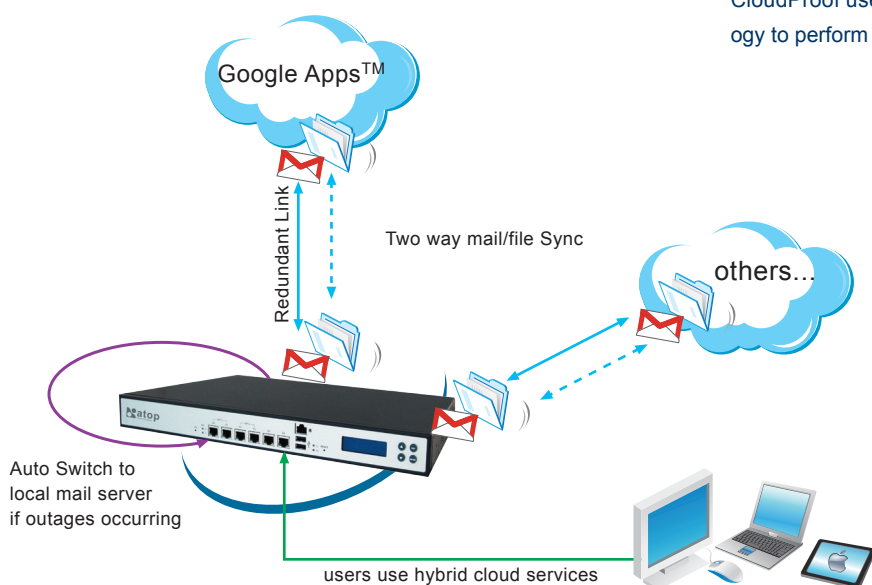
Elasticity

Enterprise not only desires a firm cloud IT infrastructure, but also requires flexibility in choice when there are pricing or other considerations for switching the cloud service provider. The IT manager should consider how quickly he can switch from one provider to another, without being totally tied up with one service provider.

Operationality

Can the cloud site be a home away from home? Enterprises need to have enough information to operate and monitor the cloud remotely.

CloudProof uses state-of-the-art architecture and its hybrid cloud technology to perform the above-mentioned capabilities.

Google Apps™

Redundant Link

Two way mail/file Sync

others...

Auto Switch to
local mail server
if outages occurring

users use hybrid cloud services

atop
Technologies

CloudProof

Specifications				
	M1200	**M2200**	**M2400**	**M3200**
OS Platform	64bit disk-less Linux system			
User Numbers	100	200	300	800
CPU	INTEL® DC	INTEL® DC	INTEL® QC	INTEL® Xeon QC
Memory	2G	2G	4G	16G
Storage	1TB mirror	2TB mirror	3TB mirror	9TB (RAID 5)
Mail service	Web mail interface			
	Multi language			
	English spelling check			
	IMAP remote Sync			
	SMTP			
	Smart web login Redirect			
File service	Web based file server			
Storage service	RAID 1 , RAID 5 (*M3200 only*)			
	Per user quota management			
	Hard-disk recover			
	ISCSI			
Google® Sync	Single sign on for local and remote			
	Google APPS™ Site mail 2 Way auto backup			
	Google APPS™ Site file 2 Way auto sync			
	Google APPS™ Site contact list 2 Way auto sync			
	Google APPS™ Mail and Account migration			
Network	Internet Link Interface : Static, DHCP and PPPOE			
	DDOS & DOS prevention			
	802.3ad port trucking and failover			
RAS feature	Hardware Monitor : Fan speed , temperature, voltage			
	OS resource monitor			
	Internet Link outage auto detect and failover			
	Alert Notification via email , syslog , snmptrap			
	IPMI (*M3200 only*)			
Management	Http , Https management GUI			
	Remote upgrade			
	SNMP V1, V2C , V3			
	SNMPtrap			
	RS232 Console management			
	Remote log with syslog			
	System Status report			
	User Statistic report			
	LCD Status (*M1200/2200/2400 only*)			

About Atop

With the spirits of Innovation, Integration, Intelligence and Insistence, Atop Technologies has been devoted to providing reliable network-based products and solutions since 1989. Our products are used by well-known companies such as TSMC, Winbond, MXIC, Acer, Wistron, and ASUS.