

Case Study



Silicon House – Rapid Action Force

**Case Study:
Fully Managed Semi Dedicated YBox Biz Secure FTP Servers**

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ISO 9001 : 2000 certified company

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Challenges

India's largest books and gifts selling retail giant was facing a unique problem. The company has decided to implement ERP to integrate all their day to day processes in various branches across India. Any system implemented must get inputs from all these branches and should process & generate reports for the management to take accurate decisions. The Idea was to collect data from all the branches and integrate them at the Head Office.

Secure / Confidential and well protected Data Transfer System

Crucial data is being transferred from the branches to the Head Office. Hence all its data must be transferred or stored securely. A mechanism is required to track usage and to identify and prevent abuse. A multi-tier system where in each branch can only have restricted access to its ftp while Head Office can manage all the accounts is required.

The Solution must contain a secure ftp server with HIPAA compliant security systems such as Intrusion Detection, Brute Force Detection, Firewall, Anti-Virus etc..

High Availability Servers

The Company wanted a high availability solution as the data transfer is crucial for its day to day decision making process. In case of failure in one network a back up network is also required in order to avoid any disruption in data transfers from the branches.

The Solution must contain high availability network / server uptime. Since day to day decision making is involved, a back up server with similar feature must be in stand by for emergency usage.

High Resource Allocation

The data that is transferred from each branch is huge and requires higher space, bandwidth and cpu allocation. Since the connectivity in remote branches are not less than or equal to 256 kbps, the data transfer system must be properly tweaked for frequent disconnections. Since all the branches will be uploading data at regular intervals, simultaneous users will be around 12. The data transfer system must accommodate this also.

The Solution must contain a high end server with high resource allocation. The reason being, huge files will be transferred over a long period time. Hence the ftp server must be fine tuned for such a requirement.

Fully Managed or Outsourced Solution

The company emphasizes on FULLY MANAGED solutions as the number of branches keep increasing on regular basis. It requires a solution that have less administrative tasks from its end. For those administrative tasks also, it requires a easy to use interfaces so that experienced System Admin will not be required.

The Solution must contain a completely managed solution atleast from the server side issues.

Cost Effective

The data transfer server that is proposed must justify the cost and should enable to company to save time and cost.

The Solution must be cost effective and justify the investment.

Solutions

Based on the above challenges, Silicon House has provided **Fully Managed Semi Dedicated YBox Biz Secure FTP Servers**. The Solution has the following features;

Typically a **Biz Secure Secured FTP Server** will allow you to transfer input as well as final product files at a high speed connectivity. Above all it guarantees your data security. Previously companies in India have to invest a lot in maintaining their own server to transfer data. This ended up in spending more time and money in transfer rather than executing the project.

In a Biz Secure Secured FTP server environment, you will have restricted access on different files. For example; input, finished, returns, samples etc. This ensures that data is kept in a highly confidential way where the level of access is restricted. Moreover, the server is connected to 1 Tbps connectivity which will make your data transfer easier and faster. This eliminates the need for a dedicated server to be maintained in your premises.

Secure and Confidential with HIPAA compliant YBox Biz Secure FTP Servers

YBox Biz Secure FTP Servers are HIPAA compliant and has high end security systems such as Intrusion Detection, Brute Force Detection, Firewall, Anti - Virus.

YBox Servers come with pre-installed security components which makes it more secure and stable. Every Data Secure FTP Server has firewall and brute force system which counters any attempt that is made in your server. This works in real time in tandem thus protecting in real time rather than manually administrating. SPRI and SIM make sure that your ftp sessions are secure, stable and last as long as you wish.

Multi-tier FTP Solution : Biz Secure FTP is a multi-tier FTP solution, wherein branches or sub-ftp can manage only their ftp account. They can upload or download files only in their ftp account. They will not be able to view files in other ftp accounts. Wherein the master ftp account can manage all the sub-ftps from single login.

YBox Servers are High Availability Servers

System Resource Allocation: Unlike shared hosting packages, Biz Secure FTP Servers have huge space, bandwidth, memory allocation. This allows you to run resource intensive data transfer operations.

Performance: Biz Secure FTP Servers are specifically fine tuned and optimized for high performance even at peak load. Since the resource allocation is high, intensive applications can be run with ease. The FTP sessions are tuned for large file upload and lengthy period of time.

Tweaks such as SPRI - changes the priority of different processes in accordance to level of importance, hence increasing server performance

High Resource Allocation

Huge Disk Space Allocation
High Quality High Availability Bandwidth

200 FTP Accounts
Pure-FTP Server
Fully tweaked FTP server for handling heavy files over longer duration
Virtual Drive to make your FTP server like any other drive in your system such as C or D drive.
CLAM AV Anti-virus
Brute Force Detection
Firewall Protection
IP based as well as domain based FTPing
Master level and user level FTP controls
IP based blocking / blacklisting
Complete FTP Stats
Multi-tier control panel
Account level control and quota allocation
FTP Scheduling

Fully Managed Server Administration

Silicon House is the only hosting company which offers fully managed semi dedicated servers.

Easy to Use

Each account comes with a web based FTP Control Panel. This will allow you to create / edit / delete ftp accounts, sub accounts etc. You will not require any experienced System Admin to do this task.

Pre-Hardening

YBox Servers come with pre-hardened security software. This includes firewall, antivirus, brute force, intrusion detection systems, SPRI etc.

OS / Control Panel Updates

YBox Servers are pre-configured to get updated automatically once critical updates are available for OS as well as other programs such as control panel, database servers etc.

Virtual Walk Thorough

Once you purchase a semi dedicated server from Silicon House, our Rapid Action Force executive will offer your system admin with a virtual walk thorough on day to day administration as well as best practises. This will enable you to be less dependent on us and fix issues even before they occur.

Cost Savings

When compared to Dedicated Servers, this account offers a huge cost savings [Approx. 1/10 th]. You don't need full time system admin to handle this account.

Results

The following were the results observed in next 18 months from the date of implementing Fully Managed Semi Dedicated YBox Biz Secure FTP Servers.

1. The company was able to retrieve data from each branch on a daily basis automatically. The System Admin is able to add new account as the company keeps expanding to new branches.
2. YBox Servers with high availability bandwidth have less downtime as the servers are pre-hardened and fully loaded with **OS and latest Security Components**.
3. Complete FTP stats and Brute Force Detection allows to monitor and manage any intrusions or login failures thus avoiding security risks.
4. **Fine tuning of FTP server for huge file upload over a lengthy period of time** has resulted in better performance even in case of huge files getting uploaded.
5. **Virtual Walk Thro' and Training** has enabled the System Admins at the customer end to implement best practises on FTPing and network security. This has resulted in less time spent of troubleshooting FTP related network issues at the customer end.
6. **Back Up FTP Servers on stand by** has effectively be used in case of server maintenance or OS Upgrades.