

Busy - the leading Accounting Software for Businesses in India and several other countries - adopts Microsoft Azure in pursuance of its mission to be the 'most secure accounting application on cloud'.

Busy

alletechnologies
DIGITAL TRANSFORMATION SOLUTIONS

THE BUSINESS GOALS

Busy Accounting Software, an IndiaMART company, having over 350,000 users and a network of over 450 distributors, set for itself a mission to be the most secure accounting application in cloud.

Starting from the code base of a legacy client-server application, with tens of thousands of businesses relying on it on a daily basis, this appeared like a big hairy audacious goal. The foremost vital success factor for this goal to be realized was – selection of the right cloud platform, and identification of a competent partner to take up the challenge.

THE CUTTING-EDGE SOLUTION

Busy relied on the competence of Alletec to succeed with this mission critical project. After a deep assessment and solution analysis, Alletec recommended Busy to embark on its digital transformation journey by adopting Microsoft Azure as the platform. Building a successful solution was a multi-step process. Key aspects of the solution included:

- ✔ Application Architecture redesign for 99.99% availability
- ✔ Security Architecture for the Application & Users
- ✔ Deployment Strategy for Scalability
- ✔ Business Continuity and Data Availability strategy
- ✔ User Security Policies
- ✔ User Login Policies
- ✔ Storage Policies
- ✔ Backup Strategies and Policies

Several intense weeks of PoC development by Alletec resulted in several 'firsts' for the industry:

- ✔ A legacy application was hosted on cloud with such little code change
- ✔ The custom VMs were deployed in Scale Set with auto domain joining and public IP prefix
- ✔ Creation of multiple VM Scale set using common load balancer and Virtual Network with different public IP prefix
- ✔ Automation of folder creation and permission assignment to the users on the common file share storage while on-boarding the customer

Alletec meticulously crafted the deployment strategy that prioritized security, scalability, and data protection. The application was configured within a Virtual Machine Scale Set (VMSS) to accommodate rapid user base growth, aligning with the customer's scalability expectations. The VMSS selection offered numerous advantages for efficient environment management.

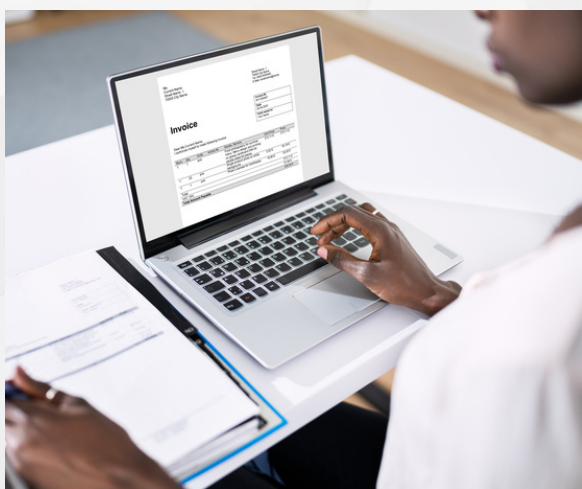
A multi-tiered security approach was adopted, encompassing robust infrastructure-level defenses, including firewall configurations and encryption methods. User-level security was fortified through the implementation of multifactor authentication and access control policies. These proactive security measures ensured the system resilience against potential threats, safeguarding the integrity and confidentiality of sensitive data.

The implementation of VMSS led to a highly responsive and scalable solution, reducing deployment time and enabling a faster return on investment. Accessibility across different locations was significantly improved, enhancing overall productivity and efficiency. The solution design incorporated automated detection and removal of unhealthy machines within the VMSS, effectively mitigating performance issues and bolstering availability. The fortified security measures provided a highly secure environment, effectively protecting against unauthorized access and ransomware attacks, thereby preventing data loss.



BUSY CUSTOMERS BENEFITED WITH:

- ✔ Highly Responsive and Scalable solution (through deployment of VMSS) with performance enhancement of ~ 30%
- ✔ Reduced deployment time with quick on-boarding
- ✔ Improved Accessibility across different Locations



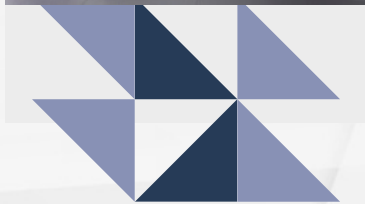
Busy team carried out thorough and intense functionality and load testing of the application to ensure its scalability and suitability for hundreds of thousands of users. Besides the technical challenges, there were also business-side aspects to be solved. Integrating a subscription-based licensing model into the existing system required careful planning. The company needed to ensure protection of existing customer data and cyberattack vulnerabilities to ensure uninterrupted application availability.

BUSINESS BENEFITS

Post the successful and satisfactory results from elaborate testing, Busy started moving all new users of the application to the Azure instance. Busy has made this solution, the default product for existing & new users.

Busy offered client-server financial accounting solutions to businesses for more than 3 decades. Traditionally, its clients deployed the solution on their own data center or collaborated with a local company to host it in the third-party data center.

Busy's primary customer base - the small and medium-sized businesses - had been increasingly getting subjected to malicious attacks - both internal and external. Customers needed protection against vulnerabilities to security breaches and unauthorized access, which sometimes can result in data loss. Transitioning the application to Azure has firmly set Busy on course to its mission of being the 'most secure accounting application on the cloud'. This cloud transition not only benefits Busy, but is also transformative for its customers. The anytime-anywhere access they now get, in a fully secure and scalable manner, sets them on their digital transformation journey.



Contact Us

India

A-1, Sector 58 Noida
201 301

USA

5605 North MacArthur Blvd.,
Ste 1000, Irving, Texas 75038

Kenya

The Westwood Vale (Close Off
Ring Road), Westland Nairobi

Canada

181 Bay Street, #1800,
Toronto, Ontario, M5J 2T9

alletec.com | info@alletec.com

