



## **Security:**

The Board Director (Board Portal) web applications runs on secured AWS infrastructure. The application is secured at multiple levels.

1. Web portal is accessible only over HTTPS protocol with end-to-end encryption
2. Web server with mod\_ssl that supports SSL encryption
3. A Static IP address for website - this is what the certificate providers use to validate the secure certificate
4. An SSL Certificate from an SSL certificate provider
5. AWS Virtual Private Network to communicate between web servers and other services
6. Secured and SSL Database Authentication
7. Documents are stored in Amazon S3 with secured VPN network connectivity
8. The application user's passwords are encrypted. Never sends plain text password over email; instead only a one-time-use activation link is sent over email
9. Users logging is tracked in web logs
10. Servers & Databases are patched at regular intervals to avoid any security breach

## **Disaster Recovery:**

1. The Board Director servers are backed up every day with retention period of a week on AWS US-West data center
2. The backups are sent to US-East data center to recover from complete site failure
3. Documents are stored in Amazon S3 so they can be recovered in case of disaster recovery at site level

## **SLAs**

1. Service uptime 99.99%
2. Recovery from Web server failure in less than 30 minutes without losing any document
3. Recovery from database failure in less than 1 hour without losing any document
4. Recovery from server failure in less than 1 hour without losing any document
5. Recovery from site failure in less than 3 hours without losing any document

For more information feel free to contact Denish Patel, CTO.

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