



System Surveyor Security Measures

System Surveyor Cloud Workspace

The System Surveyor application utilizes a secure HTTPS tunnel for user access to the account portal on the System Surveyor Cloud Workspace. HTTPS is widely used to secure on-line financial transactions and sensitive customer information.

The HTTPS internet communications protocol provides end to end encryption, data integrity protection, and authentication between the user and the destination web server protecting against “man-in-the-middle” attacks. The bidirectional encryption of communications protects against eavesdropping and tampering with and/or forging the contents of the communication. In practice, this provides a reasonable guarantee that one is communicating with precisely the website that one intended to communicate with (as opposed to an impostor website), as well as ensuring that the contents of communications between the user and site cannot be read or forged by any third party.

System Surveyor utilizes Amazon Web Services (AWS) as our web hosting provider for the Cloud Workspace. AWS maintains a very sophisticated geographically diverse infrastructure to provide the greatest level of reliability, performance, and protection available today. AWS is used by thousands of companies from small entities to multi-national corporations. You can read about AWS security [here](#).

Additionally, the System Surveyor application and database is routinely backed up through automated scripts.

Security on iPad®

The iPad utilizes the Apple iOS operating system. Apple’s iOS is the most secure major operating system available today. Further, the iOS environment on the iPad gives users ultimate control. Every app is isolated from each other and two applications on the device are unable to access the same data without user permission. Apple’s iOS platform is well known for its resilience against malicious viruses and penetration (hack) attempts.

Note: Users are strongly encouraged to utilize the inherent security features of the iPad such as a screen lock keypad code, as well as exercise caution when associating the device with public networks.

Security during Survey Synchronization:

Like the user session to the Cloud Workspace described above, the synchronization process of transferring survey data between the System Surveyor iPad application and the user’s Cloud Workspace account utilizes a secure HTTPS session. Each time a transfer is initiated the session will be authenticated and then a secure path enabled.