

# Security Summary

Tuyu deploys a security protocol based on proven methodologies set down and used by the National Security Agency (NSA) and designed to meet today's most rigorous standards of confidentiality, integrity, and accessibility.

Below are some of the ways Tuyu protects the digital assets of accounting firms:

- Continuous auditing and immediate reporting to ensure all systems and resources remain secure according to industry-standard benchmarks such as PCI and CIS.
- SSAE 16-certified systems that deploy the NSA's Defense in Depth security strategy, a layered methodology developed as a comprehensive approach to information and electronic security.
- AES 256-bit data encryption protects your files from desktop to desktop.
- DDoS (Distributed Denial of Service) protection against paralyzing Internet attacks which swamp servers, network links and devices with bogus traffic.
- Managed firewall services provide custom security strategies that go beyond standard policies.
- Managed VPN services provide secure communication channels for remote systems management.
- Intrusion detection and protection via automated IDS analysis, buffer overflow protection, inbound/outbound port blocking, and other effective protection agents.
- WAF (Web Application Firewall) prevents SQL injection, cross-site scripting, parameter tampering, session manipulation, cookie poisoning, stealth commanding, backdoor and debug option, brute force attacks, data encoding, unauthorized navigation, gateway circumvention, and web server reconnaissance.

In addition to these highly effective security measures, Tuyu employs proprietary measures as well as what we call "common sense security." These additional security measures mean we avoid other flawed or careless methodologies that other file storage and transfer solutions often employ to help bolster their brand and increase revenue while putting your data at risk. Unlike some of our competitors, we don't litter the web with your file transaction records or even links to the files themselves; allow search engines and web crawlers to find and report on your file transfer site; or set permanent cookies in your browser that report on your other web activities.

Additionally we use a proprietary scheme that eliminates the traditional file system so that customers' files are essentially not files but exist solely as binary fragments stored in random database records.