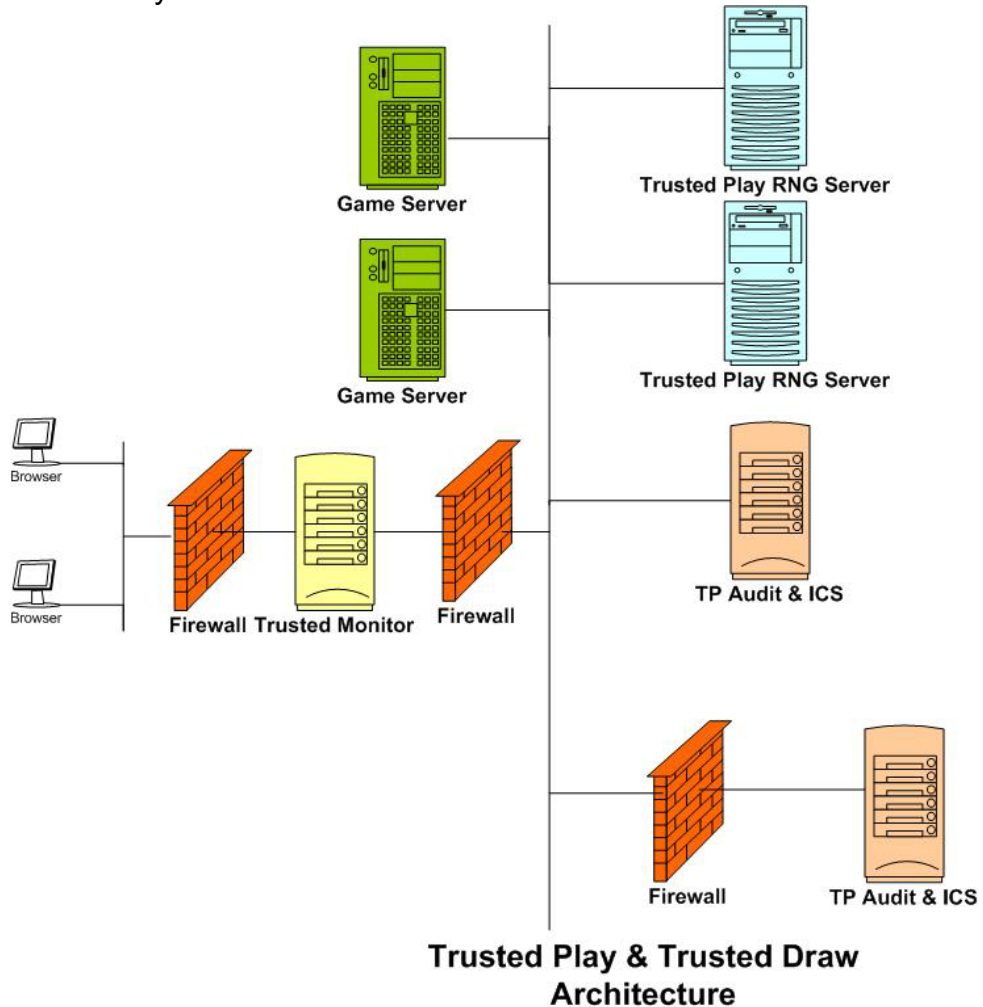


Trusted Play+™ Audit Overview

Trusted Play+ Audit (TP Audit) is an integral part of Trusted Play+ System. It runs on a server residing on the same LAN or VPN as Trusted Play+ RNG Server (TP RNG). Its main function is to ensure integrity of draws and games. It audits random numbers generated on TP RNG and it provides internal control functions for the Game Server. It supports audit of instant game outcomes, audit of electronic drawing, verification of bet integrity, instant game winner verification and draw game winner selection audit. It is usually configured as one or two redundant TP Audit servers. Each one of these servers provides full audit functionality.



Following are the highlights of Trusted Audit:

1. Operations:
 - 7/24/365 – works round the clock without any interruption
 - ‘Lights out’ – there are no manual procedures required for operating TP Audit
 - If the system is taken out for maintenance or upgrade, TP Audit will automatically recover outstanding jobs
2. Auditing and ICS functionality:

- Verification of integrity of instant game outcomes¹ - mathematically proving that all random numbers were correctly generated and were not manipulated
 - Verification of draw integrity - mathematically proving that draw results were correctly generated and not manipulated
 - Verification of integrity of wagering transactions² - mathematically proving that files with bet transactions or individual transactions were not modified after the draw
 - Verification of instant games - verification of instant game results on the Game Server. TP Audit verifies that correct random numbers were used on the Game Server and that the correct players were credited with the winnings
 - Winner Selection audit for low frequency games – instantaneous³ verification of prize calculation and verification of every single winner of low frequency games such as lotto and number games
 - Batch verification of draws, prizes and all individual winners for high frequency games such as Bingo, Keno etc.
 - Real time verification of individual random numbers. An XML-RPC interface allows mathematical proving of individual transactions.
 - Audit/verification can be done any time after event, as many times as necessary. Integrity of the audit process can be recertified any time.
 - Real time logging support – each TP RNG server logs in real time to multiple TP Audit systems. All logged information is protected and any data alteration can be detected.
3. Trusted Transactions⁴ support to protect integrity of wagers:
 - Real time digital signing and time stamping of wagering transactions
 - Two modes of operations supported: standard and high performance.
 4. Reporting: Trusted Play™ provides variety of statistical and product activity reports. TP Audit provides comprehensive reports allowing verification of randomness of data. TP Audit is integrated with Trusted Monitor™ - a web based monitoring of TP Audit reports. Both historical and current reports are available. Access to TP Audit via Trusted Monitor allows external secure access to TP Audit information.
 5. Detailed transaction data access. TP Audit creates files with detailed merge & comparison information.
 6. Real Time Monitoring. TP Audit can be monitored using external monitoring tools such as Tivoli or Big Brother.
 7. Data export to the 3-rd party systems: TP Audit can be set up to automatically forward the information to the 3-rd party audit or back office systems.
 8. High Availability – use of redundant components and redundant systems
 9. High performance – each TP Audit server can handle audit requirements for very large systems/jurisdictions.

¹ Instant games outcomes and draw numbers are protected by our patented methodology of generating random numbers (US patent no 6,934,846, other international patents pending)

² Cryptographic methodology used protects bet file with a 1024 bit RSA signature and timestamp using Real Time Clock

³ E.g. for the game 6/49 with 10,000,000 wagers - bet file integrity verification, winner selection, prize calculation and verification of every individual winner transaction from game server takes less than 1.5 minute.

⁴ Trusted Transactions™ is another S2S product from Trusted Family™ suite of products that secures bets before a draw or event.