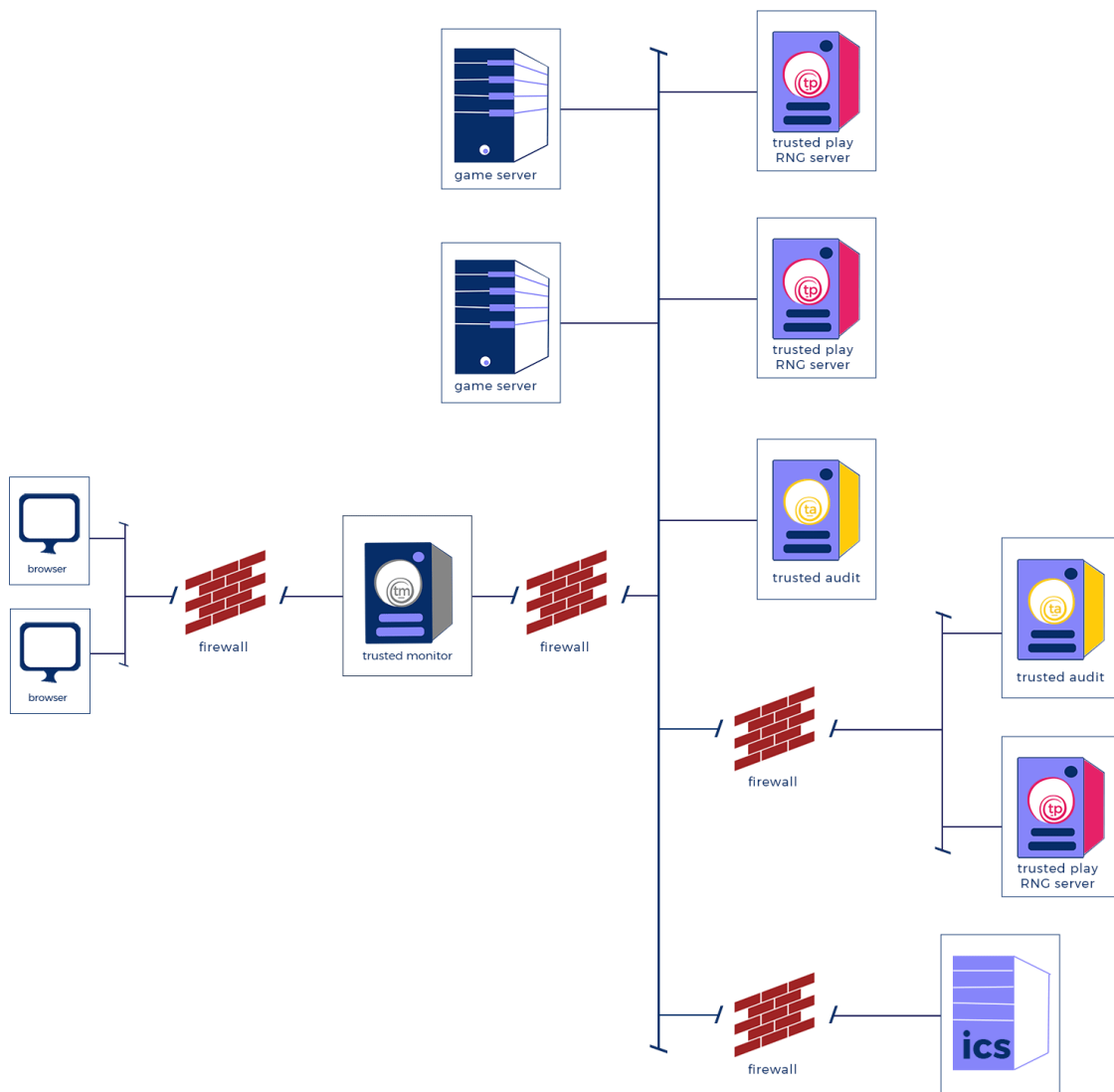


## OVERVIEW OF TRUSTED AUDIT™ IN A CONNECTED ENVIRONMENT

Trusted Audit (TA) is an integral part of the Trusted Play™ System. Its main function is to confirm the integrity of draws and instant and interactive games. Trusted Audit independently verifies the integrity of the generation process and the random numbers generated on the TP RNG. It supports verification of instant game outcomes, draw results, and verification of bet integrity. It usually runs on a server residing on the same LAN or VPN as the Trusted Play RNG Server (TP RNG). It is typically configured as two redundant TA servers. Each of these servers provides full audit functionality for all TP and TD 360™ systems.



## Trusted Play/Draw System Architecture

The following are the main features of Trusted Audit:

### 1. Auditing functionality:

- Verification of the integrity of instant game outcomes<sup>1</sup> - mathematically proving that outcomes were correctly generated and were not manipulated
- Verification of draw integrity - mathematically proving that draw results were correctly generated and not manipulated
- Verification of the integrity of wagering transactions – export of a hash of bets digitally signed during the draw
- Verification of instant game results recorded on the Game Server – 1) TA receives game outcomes from the Game Server and verifies that the correct outcomes were credited to the right players or 2) TA provides audited game outcomes to an ICS system for verification.
- Random outcomes can be verified individually in real time or ad hoc, any time after, or as a batch job, where many outcomes are compared against results audited by an ICS.
- Audit/verification can be done any time after an event, as many times as necessary.
- Integrity of the RNG process can be verified any time at the fraction of the cost of traditional audit and at the same time verification is conclusive. Such assurance is not provided by traditional audit methods, which may not detect all problems, hence providing inconclusive information about whether there were problems.

### 2. Operation:

- 24/7/365 – works around the clock with no interruptions.
- ‘Lights out’ – there are no manual procedures required for operation.
- Real time logging – each TP RNG server logs every RNG request and its proof of integrity in real time to multiple TA systems. All logged information is protected, and any data alteration can be detected.
- Recovery - any logging interruption is automatically recovered from.

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<sup>1</sup> 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 granted)



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- Data export - TA can automatically forward audited information to an ICS or back-office system.
- High Availability - use of redundant components and redundant systems.
- High performance - each TA server can handle audit requirements for very large systems/jurisdictions.
- Reporting - both historical and current draw reports are available. Access to TA via Trusted Monitor™<sup>2</sup> allows external secure browser access to TA information.
- Real Time Monitoring - using external 3<sup>rd</sup> party monitoring tools.

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<sup>2</sup> Trusted Monitor™ is a browser-based monitoring tool for RNG and audit systems and transactions, also part of Trusted Products family suite.

