

Trusted Draw Raffle, Promotional and 2nd Chance Draws

Since 2005 Szrek2Solutions has been providing Raffle draws for US and International customers. The draw system evolved from a simple draw from a user-defined range of numbers through sophisticated 2nd chance and promotional games to innovative combination-raffle games for which Szrek2Solutions was granted US patent (# 8,182,327 - Management of Outcomes of Games of Chance).

Szrek2Solutions offers Trusted Draw RNG system and a Trusted Audit system that use SZREK patented technology – (US patent # 6,934,846 - Method of Generating Unpredictable and Auditable Random Numbers). Since SZREK's first raffle draw provided for Florida Lottery in 2006, the system capabilities have evolved. Our newest offering is now simpler to use while providing support for more complex draws: including batch draws, batch file export, batch file import and batch print of draw reports. All these functions can be performed using a single command.

Draws can be conducted from a range manually entered during the draw or from a file describing draw criteria. Such file is usually prepared by game supplier or operator.

Simple Raffle is a draw from a range (random numbers from a provided range are generated):

- Trusted Draw configuration determines user defined parameters: low range, high range, how many numbers to generate. This information is requested during the draw
- Low range can be from 0-2 billion range. High range from 1-2 billion.
- Maximum number of non-repeating winners (generated random numbers) for a single draw is 64,000. Higher numbers could be supported on request

File Raffle with unique raffle numbers is used for games such as agent promotional games, 2nd chance draws, raffle games with cancelled tickets and multi-draw raffle. SZREK works with its customers to meet their requirements. SZREK implemented many methods to support various lottery requirements e.g.:

- Trusted Draw currently supports drawing from files with up to 20,000,000 records. Drawing from files with up to 10,000,000 records was certified.
- Generation of winners with 'weighted odds', where draw entries may have different chances to win – e.g. used for games where higher weight are given for more expensive tickets or for promotional games, e.g. for lottery agents where agents with higher sales can have higher chance to win)
- Including draw rules – e.g. ensuring that a player may only win once in a draw
- Digitally signing input file (file with all draw entries) during the draw to ensure integrity
- Copying player information from input file to the output file with winnings
- Optional sorting of winning records within winning divisions, according to additional player information or raffle number
- Detecting and marking winning transactions matching some criteria (e.g. same player address to detect the same household)
- Propagation of detailed prize information for "winning" records

Combination Raffle is a raffle where winners are selected from a pool of non-unique combinations (e.g. regular lotto bets or joker numbers, where lotto combinations or joker numbers may not be unique). In this case Trusted Draw will guarantee generation of a winner and conduct a draw ensuring that each

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unique combination has the same chance to win. This kind of draw allows for conducting lotto and joker games with guaranteed jackpot winners.

SZREK provided its Raffle, promotions and 2nd chance draw system to many US and international lotteries.