Secure gaming operation with a risk based approach – The Brazilian State Lottery case.

Security and integrity are the corner stone of a well-succeeded operation in gaming industry. It is the same for the particular case of state lotteries operation that have in the consumers´ liability the propelling force to it survives along the years. In that direction, we propose to analyze the concrete case of Brazilian state lottery (Loteria Federal) - in a operation for more than 55 years inside a bank – that in 2012 was certified by the World Lottery Association (WLA), a certification that has its bases in risk analysis as a mechanism to point out the mitigation of weaknesses and to establish safeguards in an operation of lottery. The WLA certification covers information security management baseline incorporating ISO/IEC 27001:2013, a leading international standard for information security management, with additional lottery-specific security controls representing current best practice for state lotteries around the globe.

Key-words: security; integrity; risk analyses; lottery.

Implications:

From this case, it is also proposed to reflect on the possibility of this experience being used (or adapted) by the global gaming industry.

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