

## **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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