Cyber Security Challenges in Smart Cities: Safety, Security and Privacy

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Why did we conduct this research?

Innovations in technology have not only changed the way we move or communicate but also the way we live, and smart cities are the vivid prove of that. The fact that infrastructure is being changed according to the information collected from citizens and their patterns, their priorities and necessities is what characterizes such cities. Nevertheless, all this information comes from citizens, hence raising two key and intertwined issues: privacy and security.

Key findings:

- Legal and technical security measures are going to be needed in order to protect citizen's privacy (specially with their relationship with the government)
- Need for consideration regarding criminal offences (and criminal offenders) and the potential easy access to the victim's information (hence facilitating the perpetrators information that would help them commit a given crime). The paper highlights the importance to further reflect upon this point.

Reference:

Elmaghraby, A. S., & Losavio, M. M. (2014). Cyber security challenges in Smart Cities: Safety, security and privacy. *Journal of advanced research*, *5*(4), 491-497.