

PRESS RELEASE

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Securing Smart Cities Issues Guidelines for Smart City Technology Adoption

[Securing Smart Cities](#), the not-for-profit global initiative addressing the cyber security challenges of smart cities, today released guidelines jointly developed by Securing Smart Cities and the Cloud Security Alliance (CSA) for the adoption of smart city technology. The guide provides organizations with an overview of the key elements needed in order to implement the best technological solutions with a lower risk and exposure to cyber threats.

The global Smart Cities Market is expected to grow from \$411.31 billion in 2014 to \$1,134.84 billion by 2019¹. As such, the document from the Securing Smart Cities initiative also provides guidelines for public and private organizations when planning and organizing the selection and validation of smart city technologies. It describes the types of testing and assessments that need to be considered when selecting the best and most secure vendors and technologies.

“Technology is already at the core of our cities as the world becomes more connected and it’s extremely important that it is well protected and secure if we don’t want to end up in chaos. As already described in my research ‘An Emerging US (and World) Threat: Cities Wide Open to Cyber Attacks,’ cities around the world are currently widely open to cyber attacks. These guidelines we have put together are a useful and practical resource for organizations around the world to achieve secure technology adoption and to make cities more secure,” said Cesar Cerrudo, Securing Smart Cities board member and chief technology officer for IOActive.

“Humanity has decided to create a Utopia we call the smart city. This Utopia will advance our growth and performance to unprecedented levels, enabled by information systems and technologies. Its creation is an immense commitment and challenge for everyone involved, from citizens to organizations. We need to best develop, operate and defend our resources, in the most effective way, by selecting the most efficient and secure technologies. This is what our guidelines are about,” said Mohamad Amin Hasbini, Securing Smart Cities contributor and security expert at Kaspersky Lab

“Cities are adopting new capabilities that offer great potential to enhance citizen safety, streamline and improve customer services and reduce overall expenditures. These new smart cities are leading the way towards the adoption of Internet of Things (IoT) technologies that will connect widespread sensors through the cloud to harvest relevant data and automate decision-making processes. Smart cities bring great promise, however there is also risk introduced through this new connectivity and intelligence. The CSA IoT Working Group is proud to collaborate with the Securing Smart Cities Initiative on this important technology adoption guidance in an effort to provide city leaders with the knowledge needed to acquire secure solutions,” added Brian Russell, co-chair CSA IoT Working Group and chief engineer, Cyber Security Solutions at Lidos

The outline of the Securing Smart City guidelines include:

- Technology Selection
 - Design and Planning Stage
 - Vulnerability History
 - Vendor Security
 - Product Management
 - Testing

- Technology Implementation, Operation, and Maintenance
 - Implementation
 - Operation and Maintenance
- Technology Disposal

For a full copy of the guidelines, please visit: http://securingsmartcities.org/wp-content/uploads/2015/11/Guidlines_for_Safe_Smart_Cities.pdf

For details of the research paper, 'An Emerging US (and World) Threat: Cities Wide Open to Cyber Attacks,' please visit: http://www.ioactive.com/pdfs/IOActive_HackingCitiesPaper_CesarCerrudo.pdf

For more information, and to see the most recent updates on Securing Smart Cities activities, please visit: <http://securingsmartcities.org>.

About Securing Smart Cities

Securing Smart Cities is a not-for-profit global initiative, which aims to solve the cyber security challenges smart cities face through collaboration and information sharing. Backed by leading IT security researchers, companies and organizations, including IOActive, Kaspersky Lab, Bastille, and the Cloud Security Alliance, the Securing Smart Cities initiative will serve as a communications node for companies, governments, media outlets, not-for-profit initiatives, and individuals across the world involved in the creation, improvement, and promotion of smart and safe technologies for modern cities. For more information, visit <http://securingsmartcities.org>.

ⁱ **Marketsandmarkets.com** – Smart Cities Market by Smart Home, Intelligent Building Automation, Energy Management, Smart Healthcare, Smart Education, Smart Water, Smart Transportation, Smart Security, & by Services - Worldwide Market Forecasts and Analysis (2014 - 2019) – <http://www.marketsandmarkets.com/PressReleases/smart-cities.asp>