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New Trends and Threats on Big Data, Smart Cities & Industry 4.0 Convergence

Ajith Balakumar
Forthcode Technologies

Smarter Systems



Smarter Cities



Industry 4.0

Risk & Opportunity

Integrity of the end points
Integrity of the data transmission
Integrity of the storage

High number of data sets
Lack of suitable visualization

- FDA issues recall of 465,000 St. Jude pacemakers to patch security holes 2016-2017
- Internet of Things (IoT) Security Market Is Expected To Expand At A Robust CAGR Of 41.3% Over The Forecast Period i.e. 2018-2027
- NYT says US planted CYBER KILL SWITCH in Russian power grid

Trends - 2019

- Not just for Cities
- Not for Pilot
- CapEx to OpEx
- More Intuitive processes
- Central data and Decentralized control
- Increasing citizen engagement

Conclusion

- Smarter systems is creating new opportunities
- It also exposing systems to new threats
- IoT centric IT Strategy is must for Smarter system implementations
- Vulnerabilities exposed by large number of data sets available publically
- Visualization becoming prominent





Thank you

Ajith Balakumar

ajith@forthcode.com

forthc<>de