

Session 4A

Tech Talks: Enhancing the performance through technology and innovation implementation

Presented by

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Connect › Support › Advance

Auditing Smart City Data

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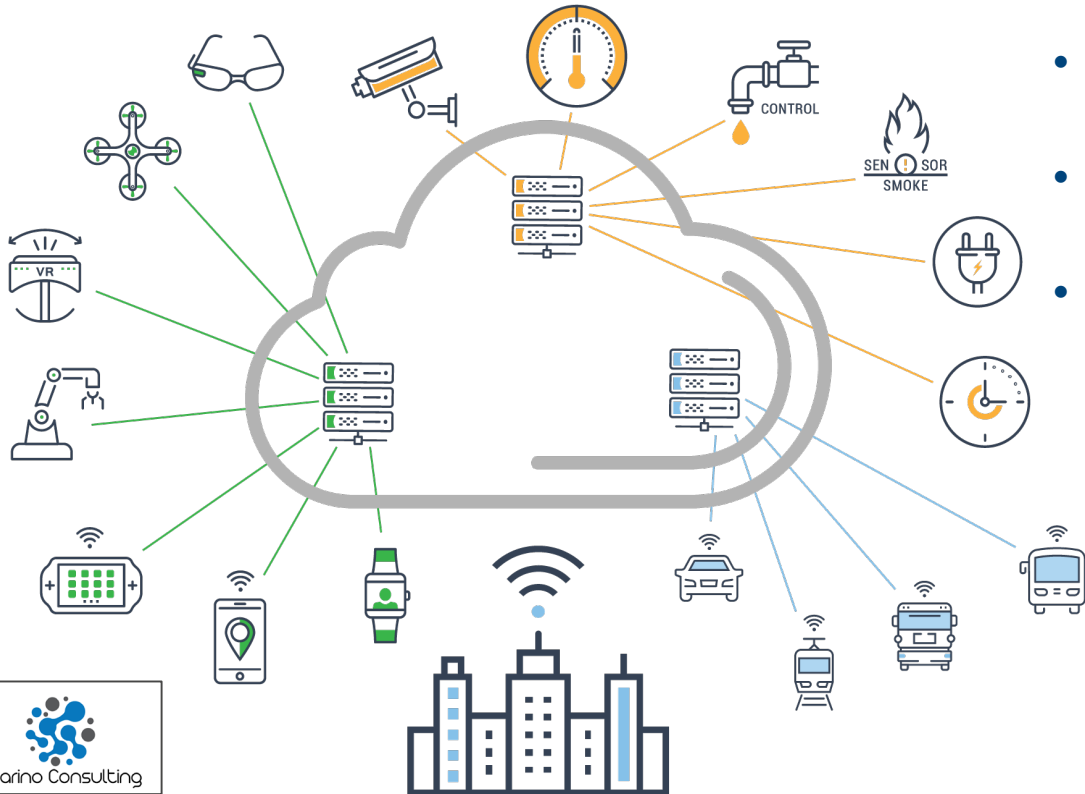
What's currently audited

- **Internal systems – EDMS, Land Management Systems, Library Systems, Finance, Email**
- **External systems – Website, external portals**
- **Procurement and tendering**

Smart City Data – its only numbers right?

- **All data is trackable, albeit without knowing the user (initially anyway)**
- **Emerging technology allowing to estimate gender, age and emotion**
- **Today's data is tomorrow's information**

Smart City Data Repositories



- Data will be distributed amongst different 'platforms'
- Different usernames and passwords
- Data will be made public (hopefully after being cleansed)

Fantastic, but what's the problem?

- **Public (open) data is not classified**
- **Access and editing is not audited**
- **Stale, outdated or wrong information provided**
- **Changes to data structure**
- **What is the data being used for or by who?**

The role of Auditors in a Smart City

- **Provide non-technical context to feedback loop**
- **Work closely with Cybersecurity department**
- **Perform regular audit on data AND access**
- **Review information generated from data and evaluate**
- **Contribution to Policy and Procedure creation (Smart City Data and its cybersecurity)**
- **Data classification of Smarty City data**

Transparency

- **Transparency of collection and delivery methods**
- **Auditor reports also need to be published**
- **Be clear of what each dataset is exposing (in layman's terms)**
- **Publish security breaches and their resolutions**

Final thoughts

- **Auditors ensure public data is collected correctly and used appropriately and for the public's benefit**
- **Be involved early in cybersecurity procedures, not technical but who accesses what/when/why**
- **Assist with non-technical guidance for the IT department**
- **Be proactive**

Thank you



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