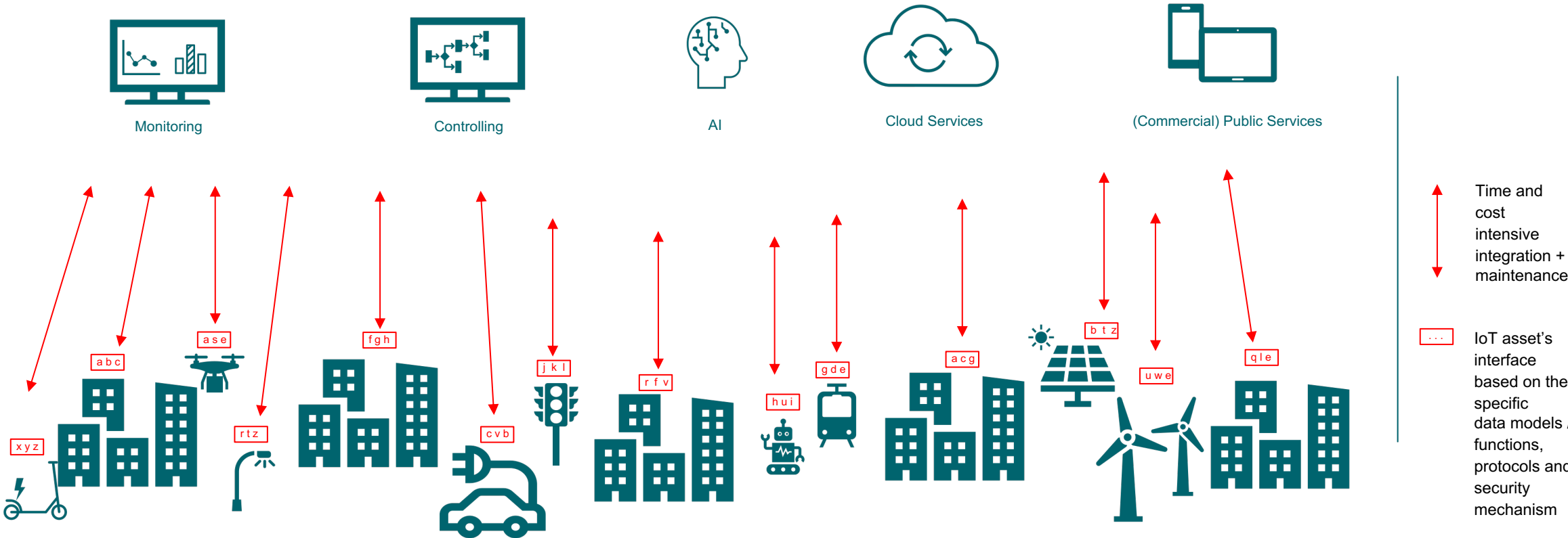


Standardized Service Orchestration in Smart City

Sebastian Kaebisch, Pedram Hadjian
Siemens Technology

W3C Smart City Workshop 2021

Challenges in Smart City Scenarios



- How to challenge diversity in Smart Cities scenarios?
- How to simplify service orchestration?

Answer: Go for Open Standards

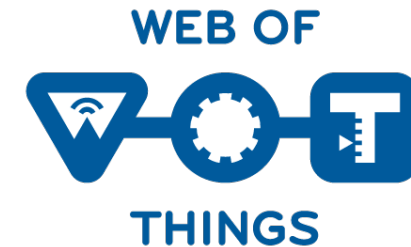
Example SDO:



The potential of having standardized technology building blocks:



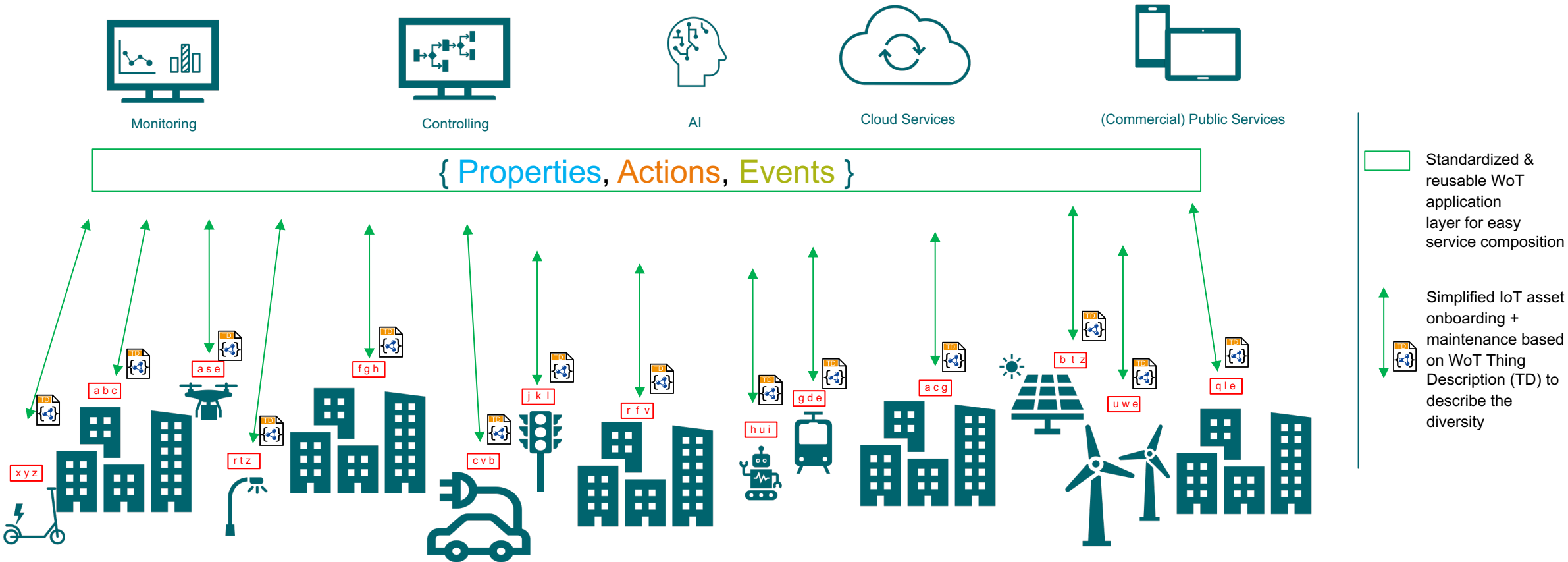
The standardized technology building blocks for the Internet of Things:



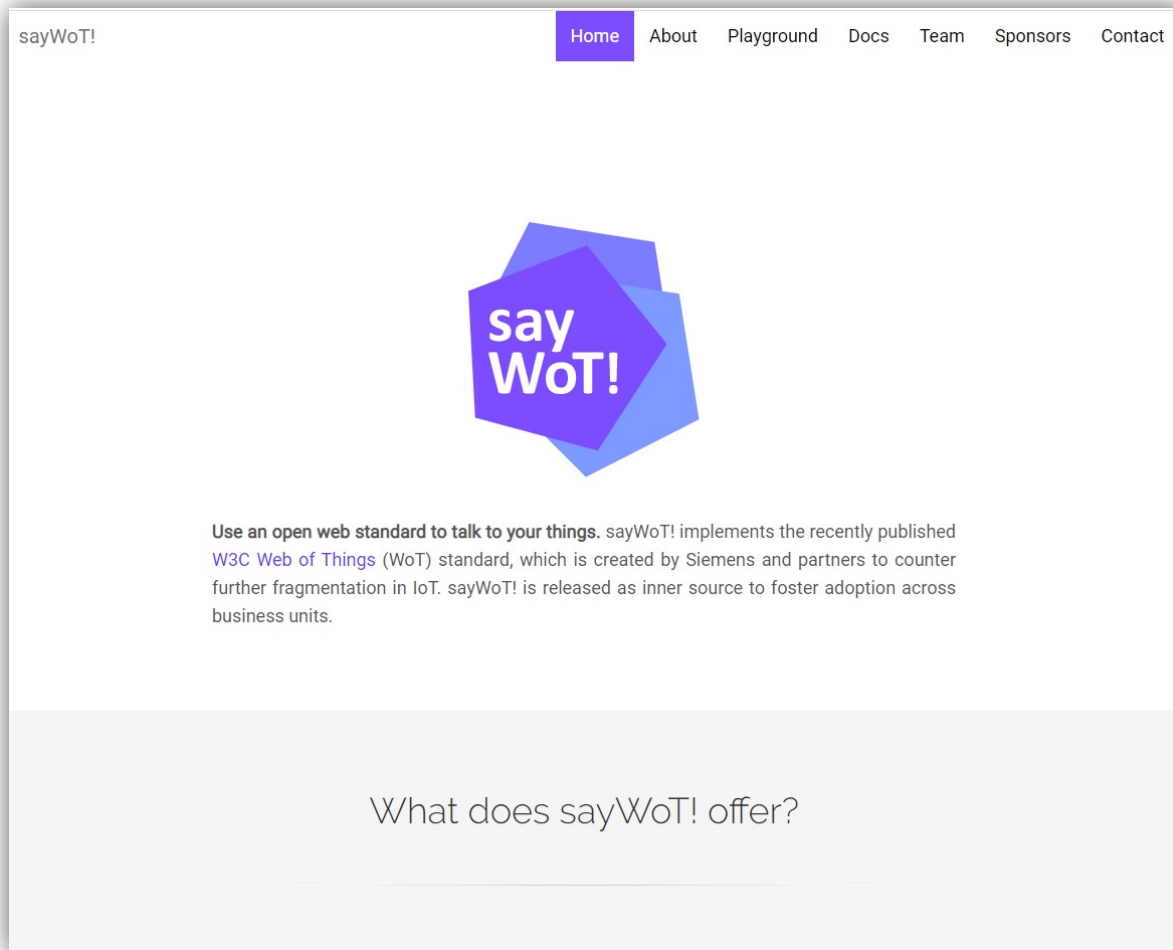
More details, see presentation

“The Web of Things in the Smart City”, Michael McCool (Intel) or visit: www.w3.org/WoT

Service Orchestration with Web of Things



SayWoT! - A WoT Implementation for Service Orchestration



- Commercial WoT implementation by Siemens
- Concentrate on the data and functions of IoT assets for service orchestration, sayWoT does the rest
- In Production, e.g.,
 - Customer to control and monitor 3000 Things, 750k datapoints
 - Building block for Siemens Advanta solution business
- Interested? Get in touch with us!

Thank you for your attention



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