

MaaS: Digital Identity Management

The Identity Driven Smart City

Joran Frik, 29 January 2020



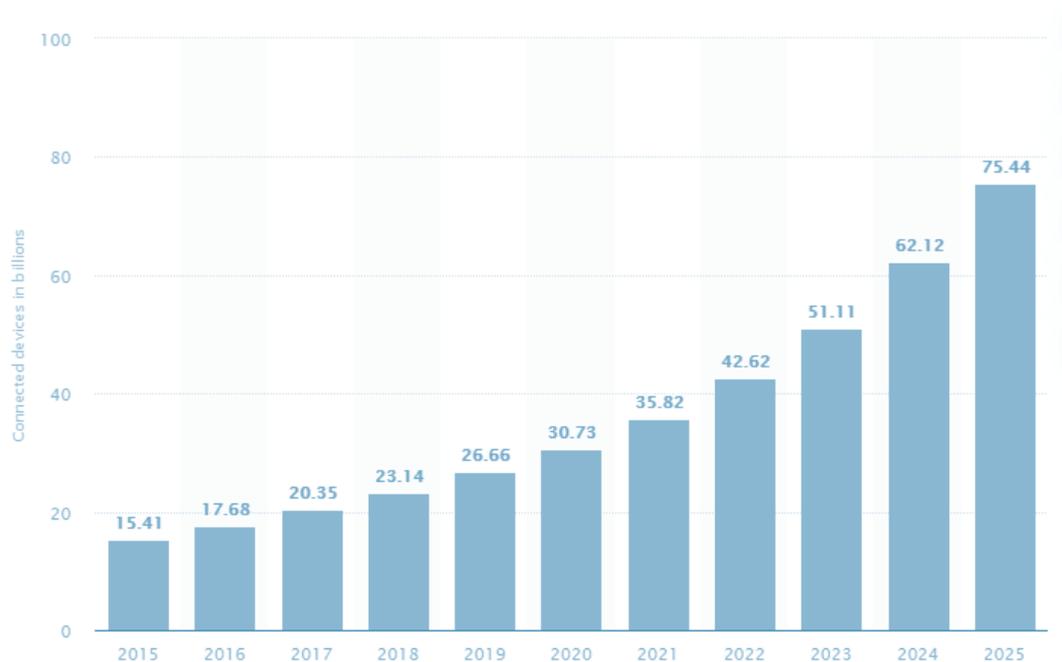
WEF Paper: "Reimagining Digital Identity: A Strategic Imperative"

Digital Identity in the spotlights at Davos 2020



Entities, Devices, and Things

Identity of Things (IoT) in a networked world



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From 30 billion devices today to 75 billion in 2025

“Why should we trust you?”

Identity for Things creates a basis for trust in integrity of the device and its communications

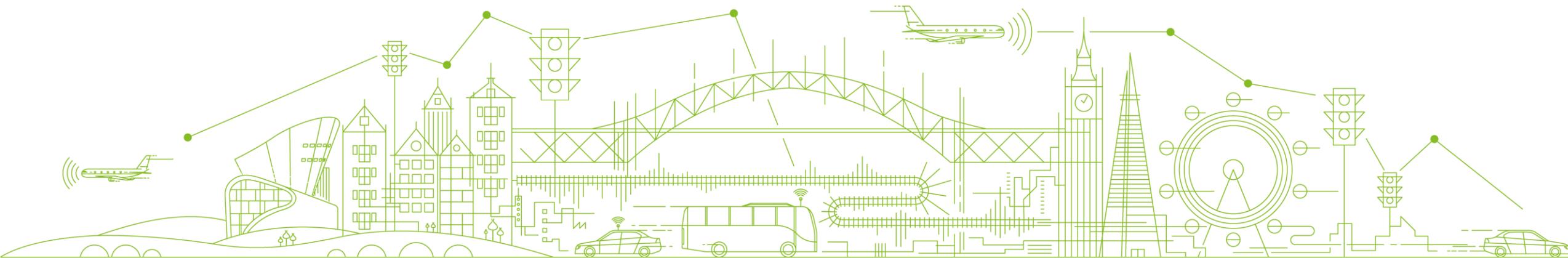
Smart Cities

A personal, seamless, and “phygital” citizen experience



- Devices acting on our behalf become proxies to our own digital or physical identity
- Growing number of ‘independent’ devices with separate identity
- Smart City and Mobility-enhancing devices communicate with us directly, on our behalf, and with each other

“Getting Digital Identity right means creating a seamless experience for users”

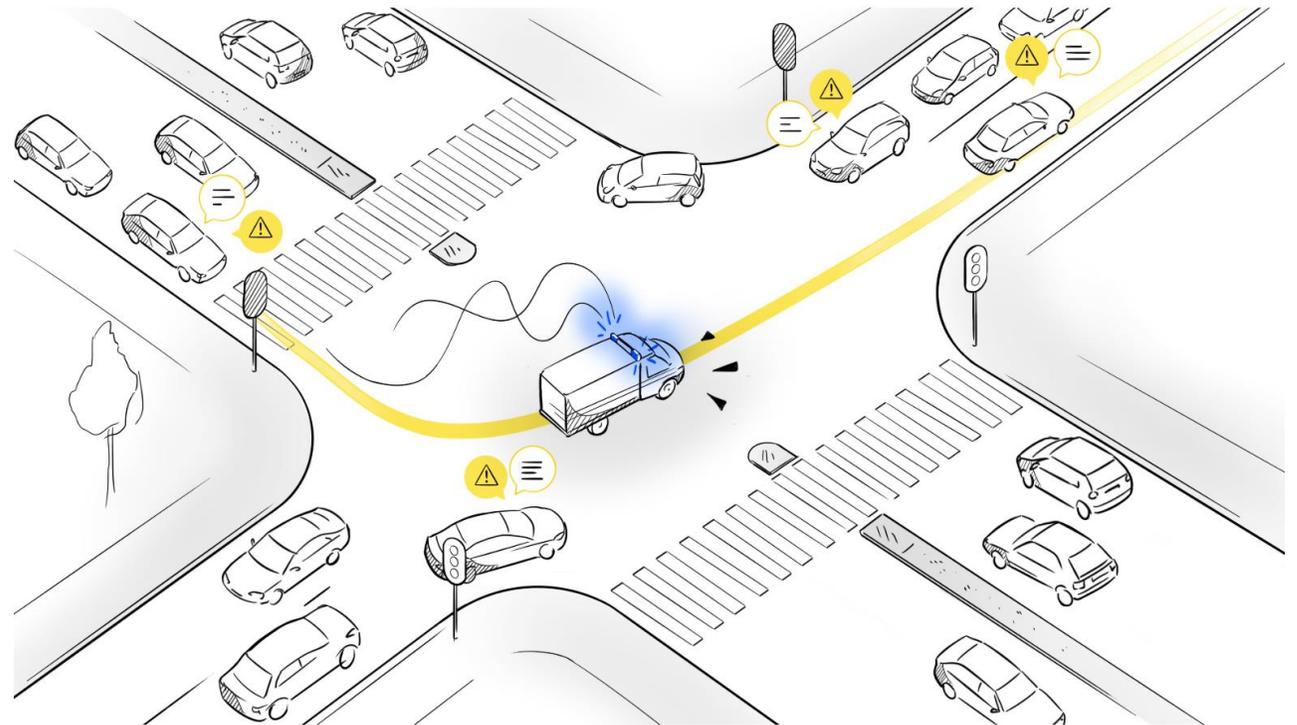


Healthcare and emergency services

Identity as pivot point in IoT device management



- Mobilidata program – Flemish Government
- Smart traffic lights for priority vehicles
- Digital Identity for traffic lights, vehicles, drivers?



Healthcare and emergency services

Identity as pivot point in IoT device management



- The real challenge: large scale industrial deployment
- Thousands of traffic controllers (IVRI's) communicating
- Managing trust throughout deployment, patch management, communication

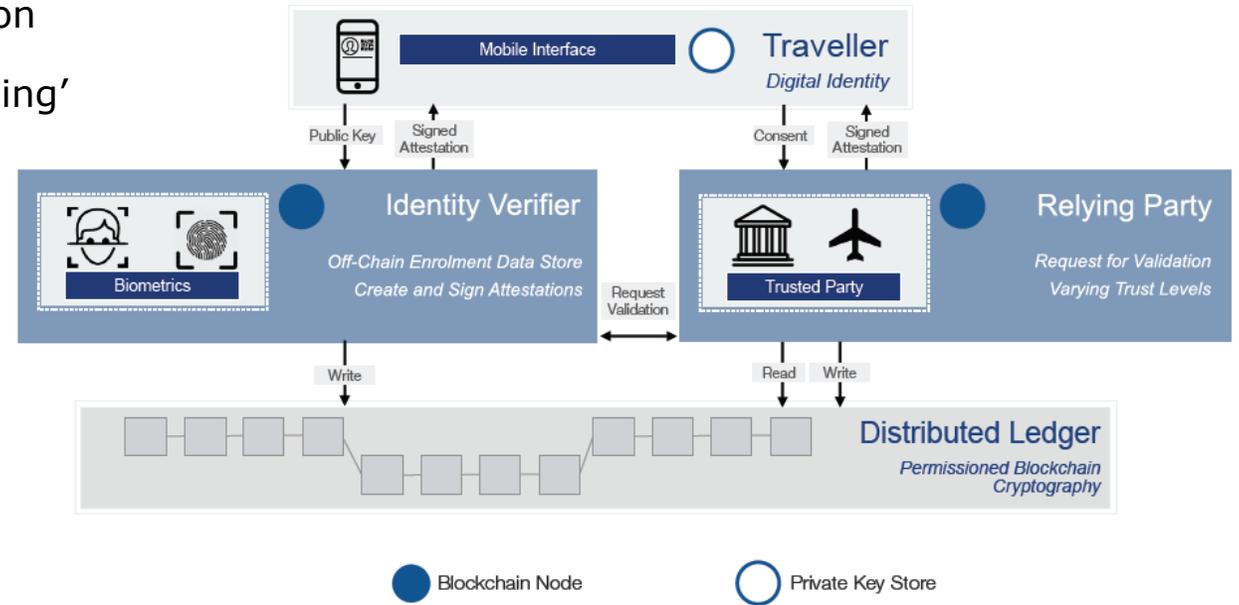
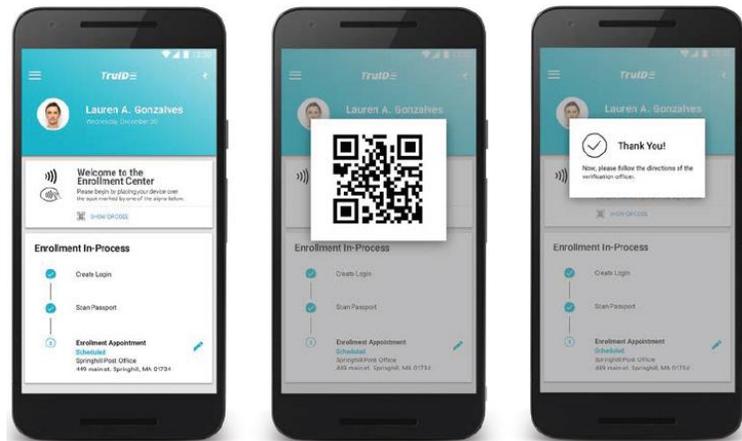
“Digital Identity enables an integrated approach to IoT device management.”

Travel & Mobility

Known Traveler Digital Identity (KTDI)



- Many repeated security checks vs building up a reputation
- Addressing end-user travel pain points by easy 'onboarding'
- Self-sovereign identity or distributed trust anchors



“ Addressing digital identity collaboratively enables all partners to achieve seamless travel, while enhancing overall security and driving value for each participant. ” - Dick Benschop, Schiphol CEO

Take-aways

A world of opportunity for Digital Identity

- The 'Identity of Things' drives innovative mobility solutions
- Digital Identity enables integrated approaches to industrial, scalable solutions
- Identity is networked, layered, and complex, but..
- ..Identity can and should be seamless and personalized for end-users





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