IoT Integration and interoperability in Smart Cities (Southbound)

Eunah Kim
eunah.kim@devicegateway.com
IoT SDOs and Alliance landscape from ATOI WP3 (1)

Source: AIOTI WG3 (IoT Standardisation) – Release 2.7
IoT SDOs and Alliance landscape from ATOI WP3 (2)

Source: AIOTI WG3 (IoT Standardisation) – Release 2.7
Mapping of IoT SDOs/Alliance to knowledge Area

Source: AIOTI WG3 (IoT Standardization) – Release 2.7
Simplified view on Southbound and Northbound
Challenges and Opportunities - discussion

- What are the most difficult challenges on legacy integration? What could be the pragmatic way to integrate legacy IoT?

- How interoperable do we need to be in the heterogeneous IoT edge?

- There are IoT marketplaces on market or on building. And, we had IoT Marketplace session yesterday collecting the efforts from the LSPs.
  - City point of view: what are the most important features you want to get in such IoT marketplace?
  - Supplier point of view: what is the most needed features you think that the IoT marketplace should provide for the suppliers?

- There are big concerns on IoT security and privacy. How much do you think it prevents on IoT deployment in real field?

- Overall, would you please share your insight what do you think the most important to consider for IoT integration and interoperability? Particularly considering the nature of heterogeneity of IoT edge?