

# WoT Virtual F2F Use Cases and Requirements

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# Use Cases and Requirements

## Agenda:

- Introduction to WoT Use Cases and Requirements Task Force
  - Objective
  - Process
  - Publication schedule
- Stakeholder / Contributor presentations:
  - Conexxus
  - MiniApps
  - NHK
  - Digital Microscopes
  - Retail use case with ECLASS semantics

# Use Cases and Requirements IG Task Force

## Objective:

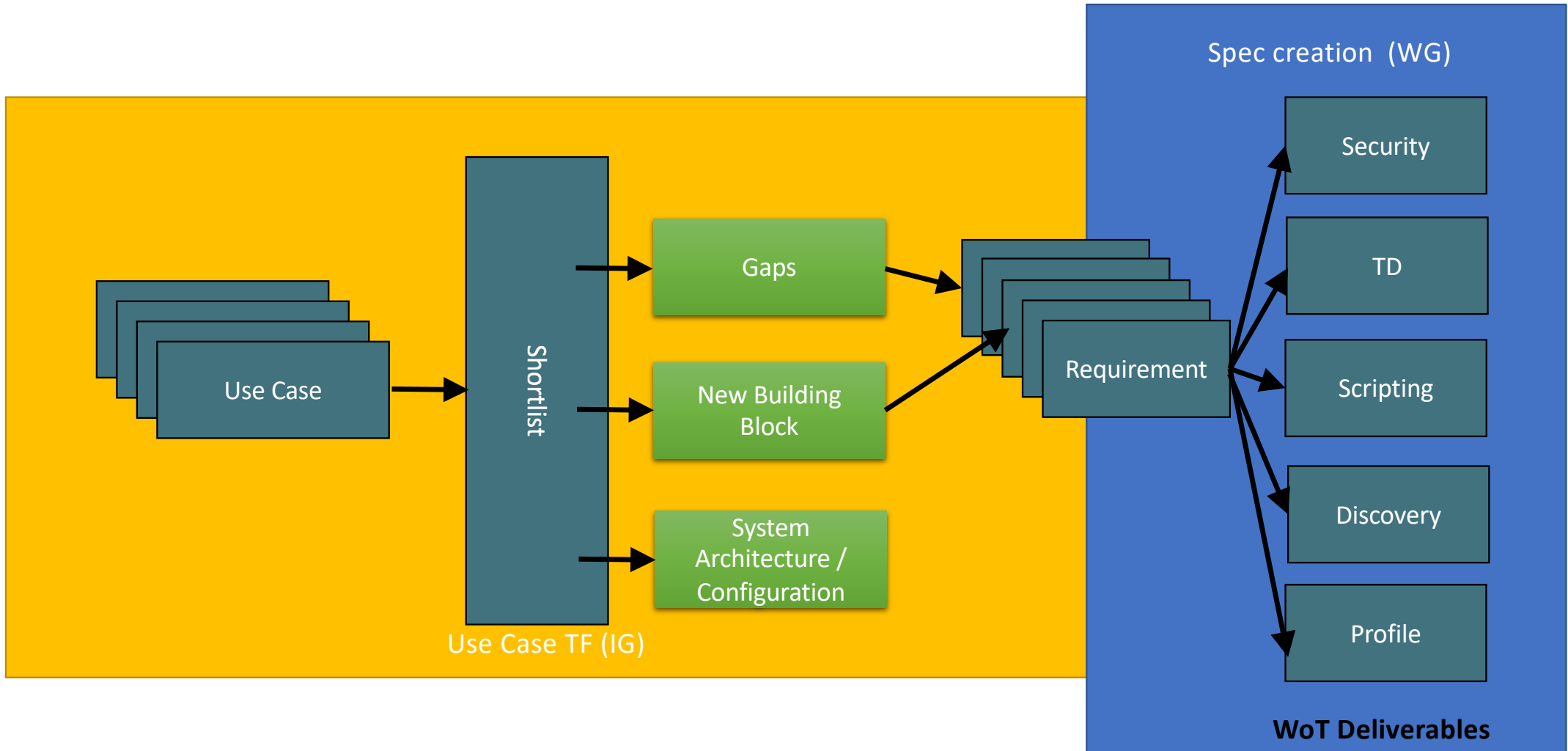
- Identify and describe new relevant use cases and application domains
- Collect use cases from other W3C groups
- Collect use cases from other relevant stakeholders and SDOs

Publication of document „WoT Use Cases and Requirements“.

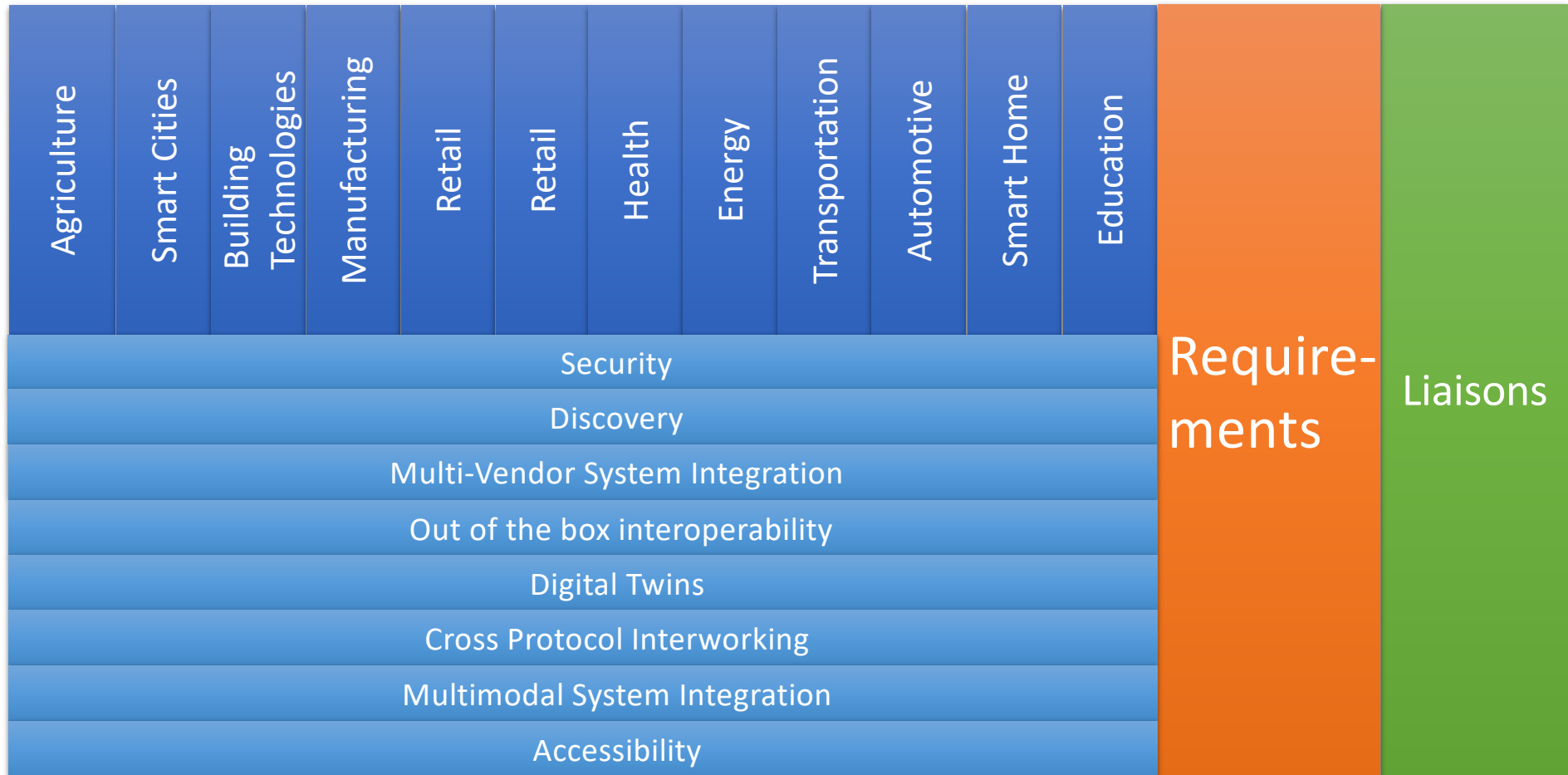
Collaborate with and provide input to other WoT task forces for requirements analysis.

Collaborate with external SDOs and Industry groups on use cases that drive WoT adoption.

# Use Cases / Requirements Process



# Document Structure



# Use Case Collection

- No strong formalism on use case description.
- In the interest of getting input from a wide audience we use a lightweight template.
- Two templates are available, HTML (preferred) and markdown (.md)
- <https://github.com/w3c/wot-usecases/blob/main/USE-CASES/use-case-template.html>
- <https://github.com/w3c/wot-usecases/blob/main/USE-CASES/use-case-template.md>

# Publication schedule

First publication in May 2021.

- Two additional contributions are ready for inclusion
- Several new contributions today
- Review and integrate until November
- Publication in Dec 2021

# References

Published release:

- <https://www.w3.org/TR/wot-usecases>

Wot Use Cases – editors draft:

- <http://w3c.github.io/wot-usecases>

Use Case templates:

- <https://github.com/w3c/wot-usecases/blob/main/USE-CASES/use-case-template.html>
- <https://github.com/w3c/wot-usecases/blob/main/USE-CASES/use-case-template.md>



# Backup

# Requirement Analysis

For each confirmed use case we need a (one page) requirement document at:

<https://github.com/w3c/wot-usecases/tree/main/REQUIREMENTS>

Template: <https://github.com/w3c/wot-usecases/blob/main/REQUIREMENTS/requirements-template.html>

Template: <https://github.com/w3c/wot-usecases/blob/main/REQUIREMENTS/requirements-template.md>

Examples are available

# Liaisons / Collaboration with external SDOs

# ITU-T SG-20 Web of Things – Liaison

Will be discussed on Monday.

# OPC Foundation

Collaboration on a standardized OPC UA binding is under discussion.

# References

## WoT Use Cases repository

- <https://github.com/w3c/wot-usecases>