Architecture TF
Use Case TF
Wrapup

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Use Case TF

Use Case Prioritization

- 15 responders by 25.6. @ noon
- Well balanced distribution of business relevant+critical use case categories
- Some were identified as horizontal use cases
- Prioritization based on discussions in the VF2F call
- 13 use case domains now have owners
- Requirements analysis work starts now

Prioritisation

Category	business critical	business relevant	useful	not interested	Priority	Timeline for requirements document	Owner	Comments
Retail	3	4	5	1	1	2-4 weeks	McCool (+ David ?)	Will be discussed in POC meeting.
Audio/Video	2	5	6	0	1	?	NHK + Kaz (+Chris Needham?)	
Agriculture	2	3	7	1	1	2 weeks (greenhouse) 4 week	Matsukura-san + Cristiano	Requirement for greenhouse horticulture exists
Smart City	3	6	4	0	1	2-4 weeks	McCool + Jennifer	Will be discussed in POC meeting.
Health	3	5	2	3	2 *			Need expertise -
Manufacturing	4	5	3	1	1	?	Sebastian+Christian	
Multi Vendor System Integration	2	9	1	1	1	4 weeks	Lagally	horizontal
Multimodal System Integration	2	2	7	2	2	3-4 weeks	McCool + Kaz + Josh	horizontal
Accessibility	3	2	6	2	1		Josh	Horizontal Josh: Accessibility is underrepresented, this is a horizontal requirement cross other use cases. We should work together to support accessibility
Automotive	2	4	5	2	2 *		Kaz + (Urata-san?)	Regulated, Access might be interested, .e.g Urata-san
Energy / Smart Grid	3	6	3	1	1	?	Sebastian+Christian	regulated
Transportation	3	3	6	1	2 *	?	Zoltan ?	Use case is very high level Need industry domain experience
Smart Building	4	6	2	1	1	3-4 weeks	Farshid+Sebastian (+ Andrea)	regulated
Shared Devices and Resources	4	1	6	2	1	2 weeks	Ege (+ McCool)	Horizontal
	2	6	4	1	1	4 weeks	McCool	Horizontal: Technical Feature, not a use case --> Security TF to create a requirement doc.

Additional Use Case Proposals

Cristiano Aguzzi

- Open field smart agriculture

- Smart water management

- Building structural health monitoring

- Dynamic service migration betwen different service components

Ben Francis

- Interactive Digital Signage

Michael McCool

- AI Services

- Edge Computing

- IoT Orchestration

Use Case TF - Roadmap

	July	August	Sept	Oct
WG Note	1st draft	Review of 1st draft	2nd iteration: Incorporate feedback Include new UCs	WG publication
New Use Case contributions	Collect input	2nd iteration: Review, Prioritization Approve for WG note inclusion	Review	Review

Architecture TF

3 concurrent work items

- Architecture 1.1 spec development
  - Terminology
  - System Components
  - Lifecycle

- Profile spec development

- Requirements Analysis

W3C Web of Things (WoT) WG/IG

WoT Profile
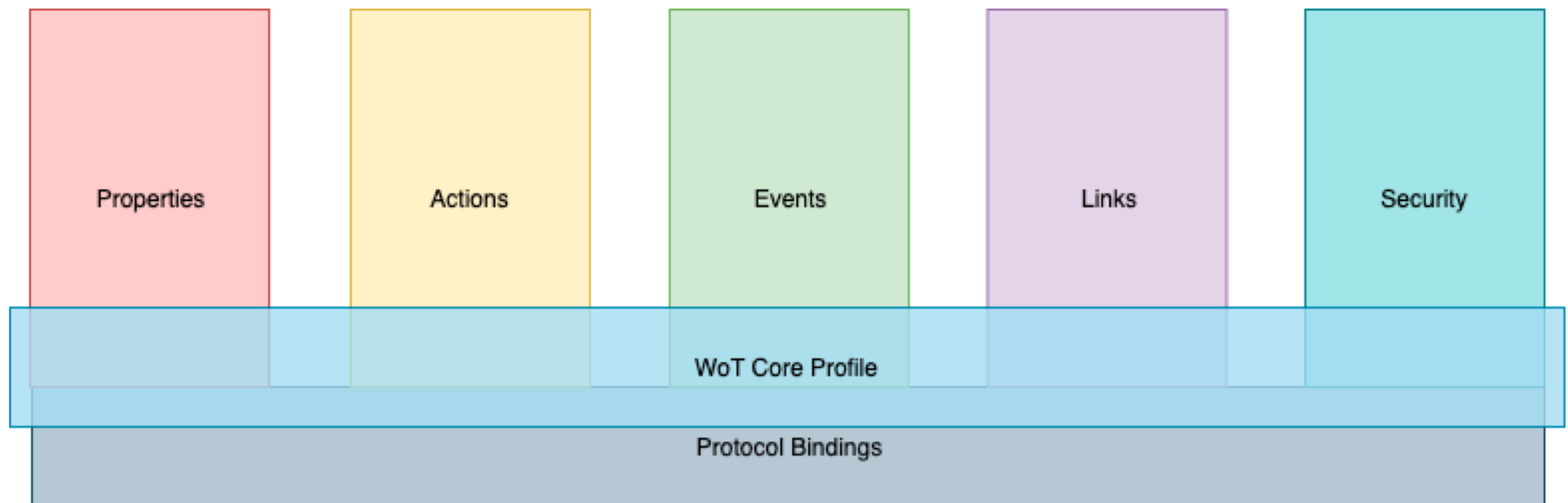
The **WoT Profile** specification serves two purposes:

Generic Profiling Mechanism
- to describe a profile in an unambiguous way. This mechanism can be used to define additional profiles.

Core Profile
- Define a subset the Thing Description for use with selected protocols.

- Formalize the results of several plug-fests that were conducted by the WoT Interest Group and of tests that were conducted as part of the development.

WoT Core Profile

Architecture TF - Roadmap

Track	July	August	Sept	Oct
Architecture 1.1 Spec	Lifecycle chapter 1st draft New Terminology	Additional spec chapters based on contributions	Additional spec chapters based on contributions	Additional spec chapters based on contributions
Profile Spec	Strawman Review to gather Requirements and Issues		Profile Specification 1st draft	Incorporate Review Feedback
Requirements	Profile Agriculture New Contributions	New Contributions Requirements hand over to TFs (1)	New Contributions Requirements hand over to TFs (2)	New Contributions Requirements hand over to TFs (3)
Use cases	Use cases will be treated in the UC TF. (*)	-		

* - there may be exceptions if attendance at UC meetings is not feasible due to time zone

References

- WoT Architecture
  - https://github.com/w3c/wot-architecture

- WoT Use Cases
  - https://github.com/w3c/wot-usecases

- WoT Requirements
  - https://github.com/w3c/wot-architecture/tree/master/REQUIREMENTS

- WoT Profile
  - https://github.com/w3c/wot-profile