ALLSEEN ALLIANCE

HAE Service Framework – Weekly Technical Meeting

January 14, 2015

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Reminder:
This call is being recorded

Agenda

1. Approve Minutes from Previous Meeting
2. Review and Approve System Requirements
3. Review and Approve Devices List
4. Discussion on Device Model General Structure

Review and Approve System Requirements

- Revision 1 document

System Requirements

1.1.1 The HAE Service Framework should define interfaces that represent basic or atomic HAE components and a mechanism to combine those interfaces to build a concrete HAE device.

1.1.2 The HAE Service Framework should provide a version control mechanism that ensures both backward and forward compatibility. Any extension in the future should be considered under conditions that S/W of shipped devices can't be updated any more due to various reasons.

1.1.3 The HAE Service Framework should allow vendor-specific extensions without causing any interoperability issue of the framework compliant devices.

1.1.4 The HAE Service Framework should be able to define optional functionality or parameters, if necessary.

1.1.5 The HAE Service Framework should not define any regional functionality which is not globally available.

1.1.6 The HAE Service Framework should provide detailed descriptions of system behavior under various conditions or usage scenarios such as controlling, monitoring and information reporting, etc .

1.1.7 The functional or semantic overlap between different interfaces should be avoided as much as possible.

1.1.8 The HAE Service Framework should provide error handling mechanism.

1.1.9 The HAE Service Framework should describe the semantics of their interfaces as accurately as possible.

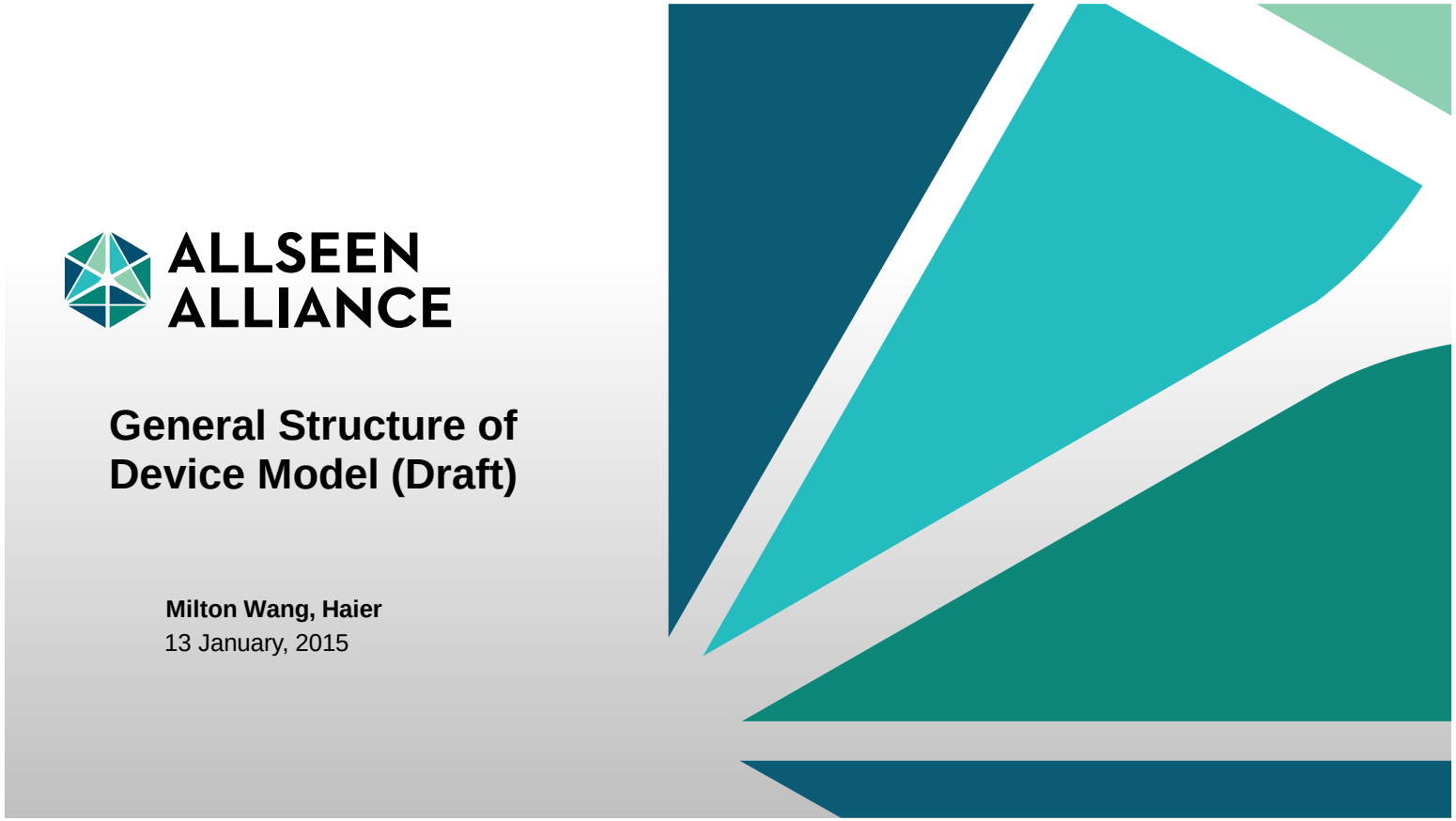
1.1.10 The HAE Service Framework should allow device manufacturers to have a right to invalidate any of properties, methods and signals independently in order to avoid any unauthorized control.

Review and Approve Devices List

- This is just the scope of devices we should consider for version 1.0 interface specifications.
- For device model development, each device could be decomposed into several atomic components for more flexibility and device name can be redefined.
- Approved devices list will be used only as a guidance for the scope of device model development.

Product Category	Device	Description
Air related appliances	Air Cleaner (Air Purifier)	Home appliances which have a filter that removes dust from the air.
	Air Conditioner	Home appliance used to alter the properties of air (primarily temperature and humidity) to more comfortable conditions
	Air Humidifier	Usually with air purifying capability.
	Air Quality Monitor	Home appliances that is used to check the air quality.
	Formaldehyde detector	Home appliances that is used to detect Formaldehyde.
	Ion Generator	Emits ions which reduce some bacteria.
	Ion Fan	Newer style fan usually blades are not visible from outside.
	Electric Fan	Traditional style fan usually with blades visible from outside.
Cooking appliances	Cooker Hood	Home appliance that usually hangs above the stove or cooktop and it is used to removes airborne grease, combustion products, fumes, smoke, odours, heat, and steam from the air by evacuation of the air and filtration
	Cooktop	Home appliance with a flat framework used to place pots to be heated, so the food inside is cooked
	Microwave Oven	Particular type of Oven which food is cooked or heated quickly by very short waves of electromagnetic energy
	Steam Oven	Cooks with superheated steam.
	Oven	Home appliance used to roast and heat food in a complete stove
Refrigerators	Fridge	Home appliance used to store food at temperatures which are a few degrees above the freezing point of water
	Refrigerator	Home appliance composed by a Fridge, a Freezer and eventually other auxiliary compartment like Ice Maker
	Freezer	Home appliance used to store food at temperatures which are a few degrees below the freezing point of water (typically about -18 °C), so the food itself is safe indefinitely
	Ice Maker	Home appliance used to make ice
Washing Machines	Washer	Home appliance used to wash laundry, such as clothing and sheets
	Washer Dryer	Home appliance able to execute the operations of both Washing Machine and Tumble Dryer in a single cavity
	Tumble Dryer	Home appliance used to remove moisture from a load of clothing and other textiles, usually shortly after they are washed in a Washing Machine

Discussion on Device Model General Structure



Thank you

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