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**HAE Service Framework –
Weekly Technical Meeting**

January 7, 2015

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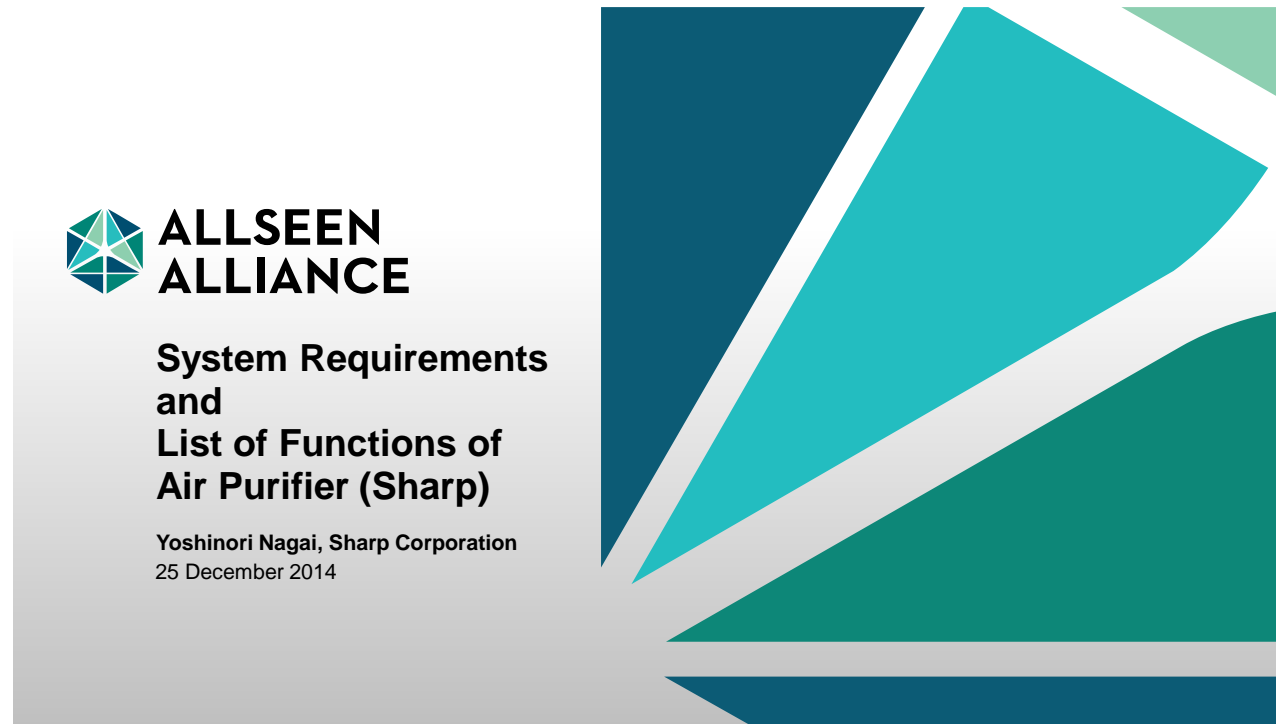


Agenda

1. Approve Minutes from Previous Meeting
2. Discussion on System Requirements
3. Discussion on Devices List
4. F2F Meeting Place

Discussion on System Requirements (1/4)

- Sharp's Contribution



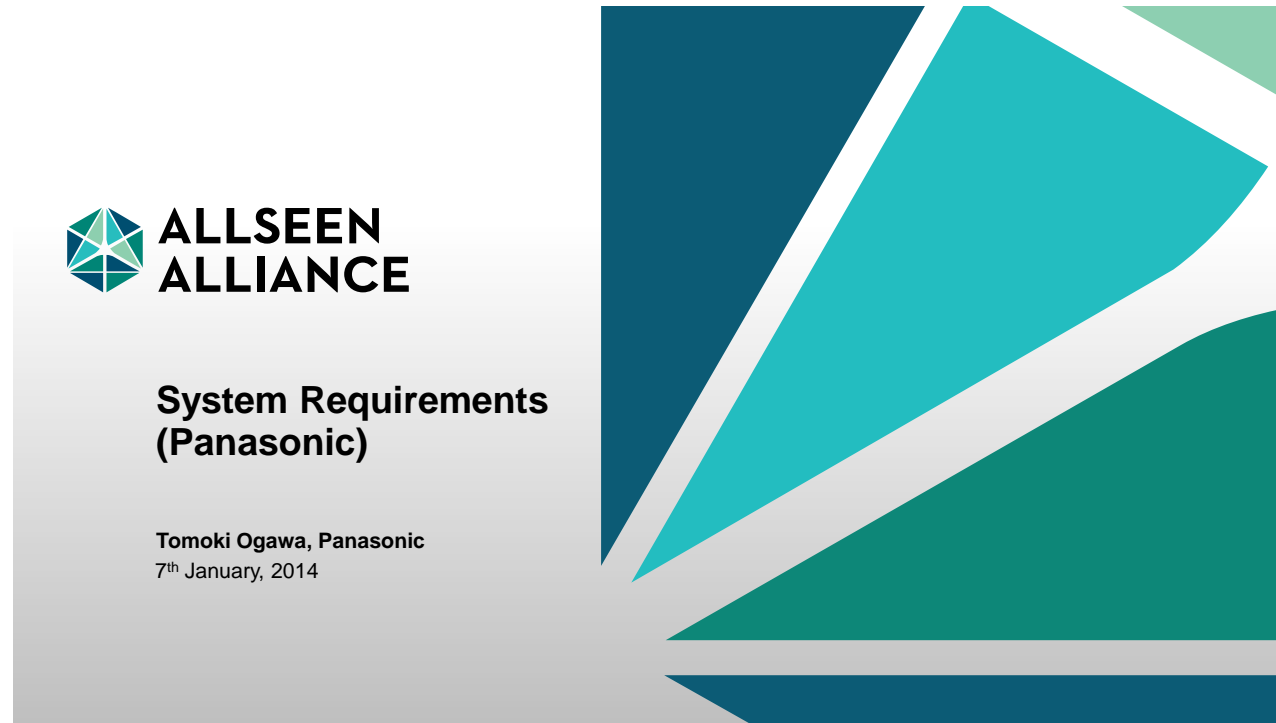
Discussion on System Requirements (2/4)

- Electrolux's Contribution

***Electrolux Requirements for High Level
System Description***

Discussion on System Requirements (3/4)

- Panasonic's Additional Contribution



Discussion on System Requirements (4/4)

- Collected and Digested...

1. The HAE Service Framework should support a combined device consisting of one or more HAE functionalities such as fridge & ice maker and air cleaning & humidifier, etc.
2. The HAE Service Framework should provide a version control mechanism that ensures both backward and forward compatibility.
3. The HAE Service Framework should allow vendor-specific extensions without causing any interoperability issue of the framework compliant devices.
4. The HAE Service Framework should be able to define mandatory and optional AllJoyn interface members (property, method, signal) if necessary.
5. The HAE Service Framework should not define any regional functionality which is not globally available.
6. The HAE Service Framework should describe functional call flows between HAE controlee devices and controller devices.
7. The functional or semantic overlap between different interfaces should be avoided as much as possible.
8. The HAE Service Framework should provide error handling mechanism.
9. The HAE Service Framework should provide detailed descriptions about members (property, method, signal) of AllJoyn interface. For example, the meaning of value increment and the range of a property value.

👉 Regarding to the version control mechanism, vendor-specific extensions, optional features and error handling mechanism please refer to [DRAFT Interface Design Guidelines](#) and IRB members' discussions.

Discussion on Devices List (1/2)

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, odors, 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

Discussion on Devices List (2/2)



Category	Device	Description
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
	Dish Washer	Home appliance used to clean dishes and eating utensils
Vacuum Cleaners	Robot Cleaner	An autonomous robotic vacuum cleaner that has intelligent programming and a limited vacuum cleaning system
Entertainment Devices	TV	A smart TV device is a television set with integrated Internet capabilities that offers more advanced computing ability and connectivity.

F2F Meeting Place

- F2F meeting will take place during the week of Feb 23.
 - 2/23(Mon) Travel
 - 2/24 ~ 2/26 F2F Meeting
 - 2/27(Fri) Travel
- Electrolux volunteered to host this F2F meeting
 - Any other volunteer or any discussions ?



Thank you

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