

# ***Home Appliances & Entertainment (HAE) Service Framework***

## ***Weekly Technical Meeting – April 2, 2015***

### ***Agenda***

1. Approve Minutes from Previous Meeting
2. Operation Mode and Control
3. Develop Shared Part – Filter and Humidity

### ***Attendees***

<b><i>Name</i></b>	<b><i>Company</i></b>
Inhwan Choi	LGE
Wonchul Choi	LGE
Seungchul Han	LGE
Chanhun Jeon	LGE
Stefano Toppan	Electrolux
Mauro Taiariol	Electrolux
Giovanni Tiano	Electrolux
Milton Wang	Haier
Qiang	Haier
Yoshinori Nagai	Sharp
Minoru Kubota	Sharp
Tomoki Ogawa	Panasonic
Tomonori Nakamura	Panasonic
Shigeki Nakamura	Sony
David Kaufman	Honeywell
Patrick Gonia	Honeywell
Jonathan Hahn	Firstbuild

## **Meeting Notes**

1. Approve Minutes from Previous Meeting
  - A. All members approved the minutes from previous meeting.
2. Operation Mode and Control

Inhwan Choi suggested deferring this discussion until next week.
3. Develop Shared Part –Filter and Humidity

Inhwan Choi presented the Filter device model.

  - A. Mauro Taiariol suggested reversing the order for an enumeration type when the StatusType is 0 (Filter Condition).
  - B. Inhwan Choi and Tomoki Ogawa agreed with Mauro Taiariol.
  - C. Tomoki Ogawa asked what is the difference between 'Need to order' and 'Need to replace'.
  - D. Mauro Taiariol explained the difference.
    - i. Need to order: in a short time the filter will need to be changed and so it is needed to ordered a new piece to have a spare part.
    - ii. Need to replace: the filter lifetime is ended. It has to be changed now.
  - E. Tomoki Ogawa requested to add a detailed description for each enumeration type of the Filter Condition.
  - F. Mauro Taiariol supposed to provide those definitions via e-mail.
  - G. All members approved the Filter device model.

Inhwan Choi introduced the Humidity device model.

- A. Patrick Gonias asked to explain the (qn) structure data type.
- B. Inhwan Choi explained q is 16-bit unsigned integer and n is 16-bit signed integer.
- C. Yoshinori Nagai asked if the ValueStep is 10°C how can we know 15°C is invalid value.
- D. Inhwan Choi answered that a valid value should start from the MinValue and can increase by the ValueStep.
- E. Patrick Gonias requested to make the ValueStep optional.
- F. Stefano Toppan commented we can indicate that the ValueStep is not available for a device by specifying a special value as 0.
- G. Mauro Taiariol asked that if the ValueStep is 0, how does the device work in case setting an invalid value.
- H. Inhwan Choi answered that we have two options, one is to go to the nearest value and the other one is to return an error code.
- I. Patrick Gonias asked that if a device can go to the nearest value, why the ValueStep is required.
- J. Inhwan Choi suggested that we continue to discuss on this issue by online.

- K. David Kaufman suggested adding “Rename the Door” to next meeting agenda.
- L. Inhwon Choi answered the DoorStatus can be commonly used for all kind of doors. If we need a door control in the future, we should add a new interface for a door control.

### ***Action Items***

1. Prepare a presentation to explain the Operation Mode and Control clearly (LGE)
2. Provide definitions of the enumeration types for the Filter Condition via e-mail (Electrolux)
3. Discuss on the Humidity device model (All members)

### ***Next Meeting Agenda***

1. Approve minutes from previous meeting minutes
2. Proposed approach to define operation mode and control
3. Develop and approve shared part – Fan and Humidity