IndoorTemperature Service IDD

**Abstract**

This document defines the REST interface of the ReceiveEvent service.

1. ReceiveEvent Service Overview

This document describes the ReceiveEvent service, which is provided by a proof of concept Subscriber Application System of G4.0 with a REST interface. This Application System registers itself into the Event Handler database at startup, by subscribing to events. The event sources, timestamp and metadata can be specified to narrow down the events the Subscriber is interested in.

1. Interfaces

Table 1 Function description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Function** | **Path** | **Method** | **Input** | **Output** |
| receiveEvent | /notify | HTTP POST | Event | HTTP OK |

This Service only provides one interface, that is to get events from the Event Handler.

1. Information Model

A sample incoming Event object in JSON is presented in Fig. 1.

{

"type" : "temperature",

"payload" : "21 degrees celsius",

"timestamp" : "2018-05-23T10:42:53.384",

"eventMetadata" : { }

}

**Figure 1. Example of an incoming Event Object**

1. Revision history

# Amendments

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Date | Version | Subject of Amendments | Author |
| 1 | 2017-10-02 | 1.0 | Initial | Csaba Hegedűs |
| 2 | 2018-05-23 | G4.0 | Updated to G4.0 | Zoltán Umlauf |

# Quality Assurance

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Date | Version | Approved by |
| 1 |  |  |  |
| 2 |  |  |  |