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EventPublishing Service IDD

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## EventPublishing Service IDD

## Overview

This document describes the EventPublishing Service of G4.1.3 with the REST interface.

This interface uses HTTP or HTTPS, therefore the related CP is valid.

## Interfaces

As per the SD of this Service, there is one method implemented. Table 1 describes this method.

The base URL for the requests: <https://<host>:<port>/eventhandler>.

**Table 1 Function description**

Function	URL subpath	Method	Input	Output
Publish	"/publish"	POST	<b>PublishEvent</b>	HTTP OK, BAD_REQUEST

## Information Model

The PublishEvent payload consists of a source (ArrowheadSystem), the event itself. The publisher immediately receives a HTTP\_OK response (if the payload passes the sanity checks).

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## PublishEvent

```
{
  "source" : {
    "systemName" : "InsecureSubscriber",
    "address" : "0.0.0.0",
    "port" : 8462
  },
  "type" : "temperature",
  "payload" : "21 degrees celsius",
  "timestamp" : "2018-05-22T13:16:32.496",
  "metadata" : "metadata_string"
}
```

## Revision history

### Amendments

No.	Date	Version	Subject of Amendments	Author
1	2018-05-22	G4.0	Initial	Zoltán Umlauf
2	2019-12-05	G4.1.3	Update	Gabor Majoros

### Quality Assurance

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