**IntellIoT component available for OC #2 integration - Details**

<table>
<thead>
<tr>
<th>Name</th>
<th>Web-based Integrated Development Environment for Hypermedia MAS</th>
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<tbody>
<tr>
<td>Responsible partner(s)</td>
<td>HSG</td>
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<tr>
<td>Brief description</td>
<td>This component enables the domain expert (farm engineer; production engineer; medical systems engineer) to monitor the system (based on information it obtains from the Hypermedia MAS infrastructure) and to specify the agent organization and the procedural knowledge of individual agents. The component furthermore contains a back end that does the mapping from user goals (from the UC-specific Goal Specification Front Ends) to the input for the Hypermedia MAS (that is running on the Hypermedia MAS infrastructure).</td>
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**Interfacing (I/O)**

**Inputs**

- i1: Engineers specifying organization knowledge using this component
- i2: Engineers specifying agent organizations using this component
- i3: Information about the Hypermedia MAS (e.g., specified agents and agent organizations)
- i4: Information about the Environment (e.g., artifacts)
- i5: End User Goals

**Outputs**

- o1: Information about configured agent organizations, agent procedural knowledge, and user goals

**Main interactions**

- Accepts i1 and i2 from the engineer using the component (responsible: HSG)
- Accepts i3 and i4 from the Hypermedia MAS Infrastructure (responsible: HSG)
- Accepts i5 from the End User Goal Specification Frontend (responsible: HSG)
- Provides o1 to the Hypermedia MAS Infrastructure (responsible: HSG)

**Deployment**


**Licensing**

Apache 2.0

**Deliverable references**

Deliverable D3.1 section 3.2