



IIC IoT and Digital Transformation Use Case - Header Template

Rev 4

THE IOT / DX USE CASE HEADER TEMPLATE

Field Name	Content Description Words in italics below are reserved keywords.
<i>Id</i>	Short ID that uniquely identifies the use case.
<i>Title</i>	Title of the Use Case.
Source	Information about the use case origin. Use optional keywords below as appropriate. Example: <i>Organization:</i> MESA <i>Department:</i> Logistics <i>Authors:</i> John Doe and Mary Wallace <i>Participants:</i> ACME, IoTNetworks, SensorFactory <i>Contacts:</i> office@mesa.org
<i>Short Description</i>	A summary of the use case. Use optional keywords below, or an appropriate subset, possibly with repetitions (for example there could be several scenarios) to structure the content: <i>Context:</i> <text> <i>Objectives:</i> <text> <i>Overview:</i> <text> <i>Actors:</i> <text> <i>Business Perspective:</i> <text> <i>Scenario:</i> <text>
<i>Technology Details</i>	Details on the use case technologies and context. Use optional keywords below as appropriate to structure the content: <i>OpenSources:</i> <text> <i>Standards:</i> <text> <i>Products:</i> <text> <i>Projects:</i> <text> <i>Technologies:</i> <text> <i>IIC-foundation:</i> <Identify & refer to one or more parts of the IIC frameworks (e.g., IIRA1.8, IIRA1.8/functionalViewpoint, IISF/ThreatModel, BSIF/BusinessModel.)>

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<i>Industry Sectors</i>	Industry sectors concerned by the use case. Use one or more of these optional keywords: <i>Non-specific, Aerospace & Defense, Agriculture, Buildings & Facilities, Consumer & Home, Education & Training, Energy & Utilities, Environment, Finance & Banking, Public Sector, Healthcare, Media & Communications, Manufacturing, Mining & Metals, NearSpace & NewSpace, Professional Services, Retail, Transportation & Logistics</i>
<i>Capabilities</i>	High-level IoT capabilities exercised by the case. Use one or more of these optional keywords as appropriate: <i>Monitoring, Analysis, Control, Modeling, Integration, Management</i>
<i>Business Value</i>	Business value categories addressed by the use case. Use one or more of these optional keywords: <i>Process Efficiency, User Experience, Product Quality, Asset Management, Business Innovation, Governance, Risk Management</i>
<i>Annotations</i>	Any annotation of interest on the use case. Use optional keywords below as appropriate: <i>DateCreation</i> : The date of use case creation. <i>Type</i> : any of { <i>CasePattern, CaseStudy, CasePilot</i> } <ul style="list-style-type: none"> - <i>CasePattern (Illustrates how to apply a technology, standard, product or method)</i> - <i>CaseStudy (detailed account of an actual experience that has occurred in real-world conditions)</i> - <i>CasePilot (description of a prototype of a solution to a recurring business or operation scenario)</i> <i>IoT-Relevance</i> : one of the following: <ul style="list-style-type: none"> - <i>applying-IoT (clearly an application of IoT)</i> - <i>preparing-IoT (about how to prepare for IoT, if not deploying IoT - e.g. a digitalization case)</i> - <i>requiring-IoT (describing a situation where IoT is needed)</i>

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<i>Resources</i>	<p>References to additional material and details of interest on the use case. References may be either URLs, or IDs (e.g. in case of other use cases). Use keywords below as appropriate:</p> <p><i>DocSource</i>: (pointer to a document(s)) <i>Testbed</i>: (IIC testbed associated with this use case) <i>CaseDetails</i>: (additional content about that use case, such as links to diagrams, videos, on-line resources, etc.) <i>InsightReport</i>: (IIC insight report associated) <i>RelatedCase</i>: (Indicates other use cases associated with or related to this use case) <i>Scenario</i>: <scenarioID> references a scenario associated with this use case if any (can be repeated if several scenarios).</p>
<i>Tags</i>	<p>list of comma-separated terms to facilitate a website search. Examples: IIoT, IoT, AI, digital twins, fog, analytics, edge computing...</p>