AREA AR Use Case Template

***Overview of use case****Provide a provide a brief description of the use case*

***What is the industry to which the use case applies?***

*Select all that apply.*

|  |  |  |
| --- | --- | --- |
| * Architecture, Construction and Engineering | * Government | * Oil & Gas |
| * Automotive | * Industrial Equipment | * Power & Energy |
| * Aviation and Aerospace | * Logistics | * Smart Cities |
| * Chemical | * Manufacturing | * Telecommunications |
| * Emergency Response | * Marine | * Transportation |
| * Education | * Medical | * Utilities |
| * Farming | * Metals & Mining |  |

***What is the setting to which the use case applies?***

*Where does this use case take place?*

|  |  |  |  |
| --- | --- | --- | --- |
| * Engineering Development | * Factory | * Field operations | |
| * User operations | * Sales & Marketing | |  |

***Problem statement***  
*What are the problems/risks/challenges that this use case seeks to address?****Problems:***

***Risks:***

***Challenges:***

***Current process*** *(optional)  
Provide a clear and concise description how this task is performed today (describe what skills and/or tools are needed and the complexity/duration of the task).*

***AR-enabled process***  
*Provide a clear and concise description how would this task be performed with the use of AR.*

***Benefits from use of AR***

*How is the task improved or the problems mitigated with the use of AR?*

***Digital assets***  
*What digital data is required for or assists this use case (e.g., 3D models, drawings, documents)*

***Environment****Describe the physical objects (machines, buildings, etc.)*

***Personas***

*What are the human roles in this use case? (e.g., “Field Service Technician”)*

***Stakeholders***

*Who has a vested interest in the successful adoption of this use case? (e.g., VP of Engineering)*

***External links or examples***  
*Please provide public links or examples of this use case.*

***Requirements***  
*Please list the requirements needed to support this use case.*

|  |  |
| --- | --- |
| * Security * Safety * Authoring * Privacy * System integration * Content re-use and delivery * IoT * Navigation | * Navigation * User interaction * Data presentation * Digital UI * Device needs * Performance * Automation * Data needs * Digital twin |