



Metaverse Standards Forum

Use Case Template

Updated Sep 24, 2023

Status: Approved ▾

Tracker: Version 1.0

Reviewer	Due Date	Status	Contact
		☐ Done	
		☐ Done	
		☐ Done	

The purpose of this template is to provide a structured framework for collecting and documenting use cases within the Metaverse Standards Forum (MSF). Use cases are essential for understanding real-world scenarios where metaverse technologies are applied and where interoperability challenges may arise. This template guides MSF members in providing a concise yet comprehensive description of a use case, including its title, identifier, and summary. It also encourages contributors to list the benefits of the use case, identify actors or entities involved, and describe the use case scenario in detail, emphasizing interactions, challenges, and requirements. Additionally, it prompts the inclusion of relevant technical information, such as implementations, success metrics, and challenges faced. This template aims to facilitate the gathering of valuable use-case data to inform standards development and foster collaboration within the MSF community.

MSF members and MSF Domain Groups are invited to submit use cases.

NOTE: Organizations such SDOs who want to submit and add a use case would need a sponsor that is an MSF member. This process is established in order to have a contact person in MSF that can handle discussions and resolve open issues within regular meetings.

- **Eligible submitters:**
 - MSF Domain Groups
 - MSF Members (Principal and Participant)
 - External Organizations with Liaison Agreements (with the support of a MSF member that acts as sponsor)
 - Standard Development Organizations (with the support of a MSF member that acts as sponsor)
- **Minimum Requirements for MSF Member Submissions not part of a Domain Group:**



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- Minimum required number of proposers: 3
- Minimum required number of supporters: 5

NOTE: Use cases submitted by SDOs and Liaison Organizations would also need to fulfill the same requirements (and would need a sponsor) unless they are submitted by a Domain Group

MSF: Metaverse Standards Forum

POG: Pre-qualified Organizations and Groups

SPP: Standards Related Publications and Projects

DWG: Domain Working Groups

WG: Working Group

SDO: Standards Development Organization

Use Case Title

Use Case Identifier

- MSF####-####
 - (Version number)
 - Potential considerations (year of submission, anything else?)
 - If there is no advice from MSF database, we invent

Summary of Use Case

- Briefly describe the Use Case (maximum 100 words).
- List Benefits of the Use Case

Contributors and Supporters

- MSF Domain Group submitting/supporting use case
- Add submitter (to be checked against MSF data member database)
 - Publish submitter's name/company
- Provide additional contributors and the supporters of the use case
 - MSF members (companies)

Keywords



- Add keywords for search indexing (eventually to be aligned with glossary)

Actors/Entities

- List the primary entities or individuals involved in the Use Case.
- Specify their roles and responsibilities.

Detailed Description of Use Case/Scenario

- A step-by-step description of the Use Case, highlighting the interactions and actions of the involved actors and how the Metaverse is used, where/how interoperability is reduced or where/how seamless interoperability is prevented.
- Include any relevant preconditions and postconditions.
- *Images can be included as attachment*

Implementations and Demonstrations or Technical Feasibility

- If available, list implementations (URLs), demonstrations, prototypes that address the use case, or at least address them to some extent, with potential limitations.
- If no implementation or demonstration examples, please provide technical feasibility information.
- How is success measured for this Use-Case
- *Images can be included as attachment*

Challenges:

- Identify any specific challenges or obstacles encountered in the Use Case.

Requirements:

- Outline the technical, functional, or interoperability requirements necessary to address these challenges
- In addition, specifically state impacts on:
 - Privacy
 - Cybersecurity
 - Identity
 - Networking and Latency
 - Ownership
 - Digital Ethics



- Provenance
- Accessibility

** Please reach out to the relevant MSF working group for recommendations and questions*

Relevant Domain Working Group (WGs):

- Identify MSF Domain WGs that may address the identified challenges and requirements of the use case, and how they can contribute to their resolution.
- Choose from a pop-up/pre-populated list of DWGs

Relevant Pre-qualified Organizations and Groups (POGs):

- Identify POGs that may address the identified challenges and requirements of the use case, and how they can contribute to their resolution.
- Use links and/or MSF identifiers

Relevant Specifications, Publications and Projects (SPPs):

- Identify SPPs that may address the identified challenges and requirements of the use case, and how they can contribute to their resolution.
- Use links and/or MSF identifiers

Related Use Cases

- Provide related use cases, and the nature of the relationship
- Use links and/or MSF identifiers

Additional Comments

- Include related supplementary information, clarifications, or considerations



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