PSI Requirements

PSI-REQ

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1 Document Meta Information

1.1 Document Signature Table

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Table 1.1: Signature Table.

1.1.1 Document Change Record

1.1.1.1 Changes

Date	Version	author	message
2022-05-10	MS1	Hendrik Oppenberg	Initial version
2022-09-30	MS2	Hendrik Oppenberg	Additional requirements derived in first implementation
2022-12-31	MS3	Christine Glaesser	Additional requirements derived in MS3 phase
2023-04-19	MS4	Hendrik Oppenberg	Added links to candidate requirements and justifications MADR. These links are shown in the PSI-RVM
2023-07-27	MS5	Hendrik Oppenberg	Cleaned up doubly analysed candidate requirements, introduced MONITOR as new requirement category
2023-10-06	MS6	Christine Glaesser	Added descoping comments and assumptions from the joint requirement workshop, added classifications

Date	Version	author	message
2024-01-25	MS7	Hendrik Oppenberg	Improved tracebility of candidate requirements and flow-down. Improved understandings and assumptions.
2024-09-11	MS8 [1.2.0]	Hendrik Oppenberg	Public release adjustments.
2024-12-09	MS9 [1.2.1]	Christian Grubert	Added mission API requirements.
2025-02-03	MS10 [1.2.2]	Wolfgang Robben	No update, just version bump.

Table 1.2: DCR Table.

1.1.1.2   Source Control

Changes to this document are tracked electronically. No signature is required by the authors. The following information can prove the integrity of the document and reveal any change.

Repo	Date	Author	Branch	Hash

Table 1.3: GIT Changelog Table.

Figure 1.1: DCR QR-Code.

1.2 Documents

1.2.1 Reference Documents

Acronym	Reference	Title	Version
PSI-DL	PSI-DL	PSI CGI Document List	current MS (doc version)
PSI-REQ	PSI-REQ	PSI Requirements	see before
PSI-SDP	PSI-SDP	PSI Strategy And Development Plan	see before
PSI-TAD	PSI-TAD	PSI Terms, Abbreviations and Definitions	see before
PSI-TOD	PSI-TOD	PSI Tasks and Operations Dictionary	see before
PSI-VVP	PSI-VVP	PSI Verification And Validation Plan	see before

Table 1.4: Reference Documents.

2   Introduction

The Pooling & Sharing Interfaces Definitions (PSID) project is an ESA co-funded effort to define a common standard for the interfaces of Pooling & Sharing Systems (PSS) for Satellite Communication (SatCom) services. A PSS is a digital platform for matchmaking (Gov)SatCom users' demands (both commercial and institutional) with (Gov)SatCom providers' offers. Bringing together multiple (Gov)SatCom providers in one platform makes the market transparent, thus allowing users to get an overview of the market and to compare different offers efficiently. Additionally, a PSS assists users with little knowledge about the (Gov)SatCom domain defining their requirements on the (Gov)SatCom services. Those two aspects combined allow for fast access to the services and an efficient usage of the available capacities. To accomplish this, a PSS steps in between the usual processes of finding a provider/supplier, requesting an offer, and ordering the desired products or services, either as a service broker or by pooling products and services from different providers and offering them as an intermediary or distributor. Subsequently, the PSS can be used to monitor the services and manage multiple missions in a single application.

Eventually, a PSS can also be used as (or manage) a community hub, i.e., a number of end users or customers with similar interest that *share* their common resources and utilize a commonly obtained *pool* of (Gov)SatCom capacities. This strategy increases the efficient usage of scarce resources further.

There are already different approaches on PSSs, that might lead to an unnecessary fragmentation of the market. Therefore, a common standard for the interfaces of a PSS is required to allow the interaction between those different PSSs and reduce the effort of (Gov)SatCom providers to offer their product and services via multiple PSSs to maximize their reach.

Such a standard needs to take care of the different interfaces involved in the aforementioned processes, i.e.,

1. an interface between PSS and resource providers (satellite operators, service providers, or other PSSs),

2. an interface between the PSS and users, and

3. an interface between PSS and its own governance.

The goal of this project is to mainly define aspect 1 and to develop a software mock-up as needed to validate the various interfaces being developed.

The PSI standard derives from the existing industry-standard "Open Digital Framework" of **TM Forum** alliance[1]. The "Open Digital Framework" is a reference framework for delivering online Information, Communications and Entertainment services to the telecom world. It empowers market participants to compete and cooperate. One of PSI's goals is to make this existing standard fit for the world of satellite communication.

The consortium for this project consists of the service & technology providers SES Techcom and CGI, as well as of the (Gov)SatCom operators SES, Hellas Sat, Hispasat, Hisdesat, and LuxGovSat, and Inmarsat being both a service & technology provider and a (Gov)SatCom operator.

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[1]See https://www.tmforum.org/resources/reference/gb991-tm-forums-core-concepts-and-principles-v22-0-0/
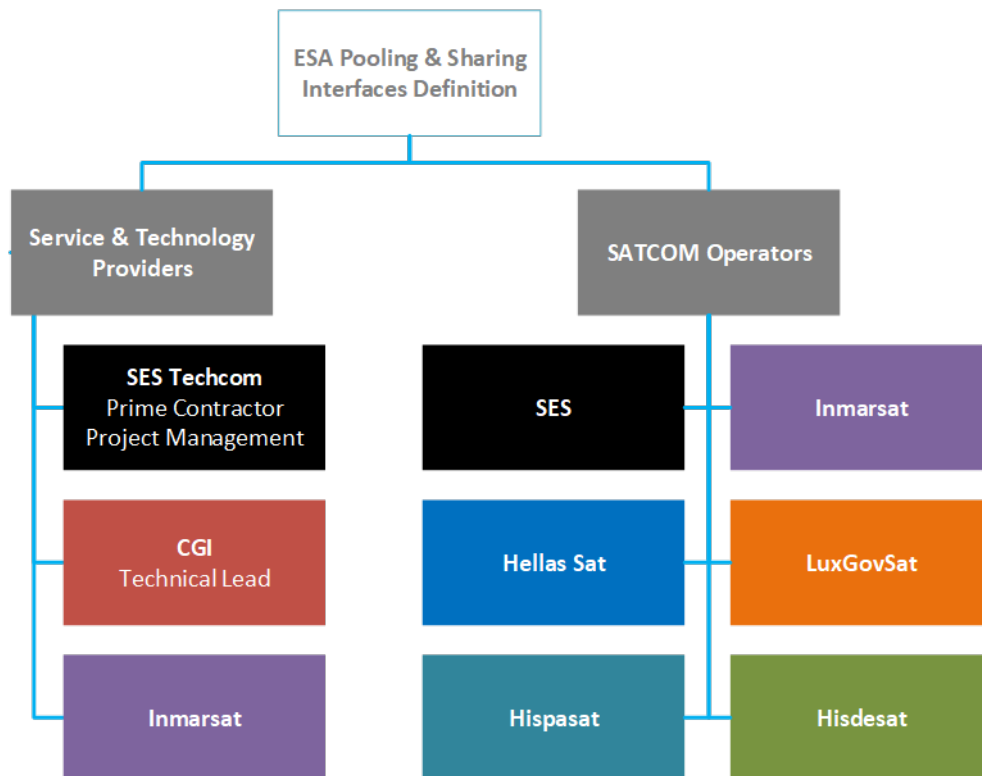
Figure 2.1: The PSI consortium.

2.1 Document Scope

This document contains requirements defined to the Pooling And Sharing Interfaces Standardisation Project (PSI).

2.1.1 Compiled Document

NOTE: THIS IS A COMPILED DOCUMENT [2]

This document has been compiled/generated from external sources and is not being written as-is. Therefore, any changes made within this compiled version of the document will be lost upon recompilation!

To make (permanent) changes, edit the respective sources directly or contact the PSID team.

2.1.2 Signature

Changes to this document are tracked electronically. No signature is required by the authors. The information in the "Source Control" chapter can prove the integrity of the document and reveal any change.

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[2]Document compiled on 2025-02-12 11:47.

2.1.3 Development State

Current document version is `1.2.2`.
Next version is targeted for `2025-04-01`.

2.1.4 PSI Release Notes

2.1.4.1 Introduction

Welcome to the third release of the Pooling and Sharing Interface API! Below, you'll find details about the features, enhancements, and other important aspects of this release.

2.1.4.2 Key Highlights

The focus of this release lies on **mission management**, to facilitate a common understanding of user requirement towards communication. It aims to complement the Inquiry API by providing workflows and *understanding* to service requirements. This is mainly a user-oriented API, but it also enables exchange of mission data between PSS systems and therefore cross-platform-market places. This could become a future focal point. Such data exchange would include actual user requirements (expressed as missions), as well as templates for such missions. By the use of templates, user mission creation is streamlined and allows a governance to safeguard, streamline or ease the process of user requirement gathering.

Together with the APIs, we are working on a Plug&Play component for P&S systems (Hubs, Brokers, Market-places. . .), based on ODA. This will be a standalone Micro-Frontend open to be integrated into existing OSS/B-SS/PSS systems. A first draft is included in this release.

It will come with different views:

- Time based (e.g. mission timeline, Gantt-Chart, to express that is needed *when*)

- Geography based (e.g. mission zones or network nodes on a map to express what is needed *where*)

- Logical View (e.g. communication interdependency graph to express *how* the requirements will look like)

Another area of improvement is the **performance management API**.

A new API has been added that allows to request performance reports to an ongoing mission from the provider. That is: the report itself is generated on provider's systems. The API handles the request and exchange of the report. The report has to be in line with the product's SLA and allows monitoring of compliance. It allows also to define alarm thresholds and receive a push of threshold violations by the provider, avoiding a constant pull.

We also added the technical considerations and resulting decisions to the document set. This allows easier future evolution and maintenance of the standard.

2.1.4.3 What's New

- [PSI-GID] now contains descriptions about the ODA component for mission management

- [PSI-ICD] now contains new and updated APIs - see below!

- [PSI-ADR] first release of our decision records

- [PSI-TAD] now contains descriptions of concepts for user missions, as well as performance and alarm management

- [PSI-TOD] now contains new tasks and operations for user missions, performance and alarm management

2.1.4.3.1 Newly added APIs

- PSID002 Mission Management

- This customer-facing API allows them to manage missions and assign products, services and resources to them.

- It can also serve as an entry point for the Customer Inquiry API to find matching products for their requirements.

- PSID143 Performance Monitoring

- Based on MEF143 - Performance Monitoring API (Version 2.0.0-RC).

- The performance monitoring allows a PSS or customer to request performance reports from a provider.

- PSID642 Alarm

- Based on TMF642 - Alarm API (Version 4.1.0).

- Allows the provider to notify a PSS or customer about detected problems with their products.

2.1.4.3.2 Updates APIs

- PSID001 Customer Inquiry

- Improved handling of places by adapting TMF Geography types.

- PSID620 Product Catalog

- Based on TMF620 - Product Catalog Management API (Version 4.1.0).

- Changed `SLARef` to `ServiceLevelSpecificationRef`

- Streamlined GeoJSON types

- PSID633 Service Catalog

- Based on TMF633 - Service Catalog Management API (Version 4.1.0).

- Changed `SLARef` to `ServiceLevelSpecificationRef`

- Streamlined GeoJSON types

- PSID634 Resource Catalog

- Based on TMF634 - Resource Catalog Management API (Version 4.1.0).

- Changed `SLARef` to `ServiceLevelSpecificationRef`

- Streamlined GeoJSON types

- PSID657 Service Quality Management

- Based on TMF657 - Service Quality Management API (Version 4.1.0).

- Add endpoints to manage KPIs that are supported by the PSS.

2.1.4.3.3   Added Requirements

- MISSION requirement category

- REQ-06-03 Key Indicator Management

- REQ-06-04 Performance Monitoring Job Management

- REQ-06-05 Performance Monitoring Report Management

- REQ-06-06 Alarm Management

2.1.4.4   Known Limitations

1. The Service Quality Management is rather basic. There is an ongoing effort to align this set of APIs with the results of a TM Forum Catalyst project. More information will follow in one of the next releases.

2. The Mission Management Service is at an early state. However, the available API implements basic mission management services, import and export. A full set of APIs to implement such a service are subject to an upcoming release. Refer also the [PSI-GID] to learn about the available API use cases.

2.1.5   Outlook

Currently, we are working on the next release with the following focal points:

- Finalize the mission management component

- Update the API baseline to TM Forum 5

- Converge with MEF schema for some selected APIs

2.1.6   Feedback and Contributions

We value your feedback! If you encounter any issues or have suggestions, please reach out. Additionally, we welcome contributions from the community.

3 Requirement Categories

The PSI Requirements are written along the project specific terminology and definitions. Please refer to the PSI Terms, Abbreviations & Definitions [PSI-TAD] for more information.

For clarity and ease of use, all PSI requirements are grouped by the corresponding endpoint of the interface and then enumerated corresponding to the [PSI-TOD]. Additionally, they are tagged according to their core semantic with one or more category. The categories are listed and described in the table below.

Category	Description
MISSION	Requirements on missions
INQUIRY	Requirements on customer inquiries
PARTY	Requirements on party management (individuals, organizations)
POOLING	Requirements on pooling of resources, services, and products
SEC	Requirements on security
ORDER	Requirements on product ordering
DOC	Requirements on managing documents as attachments
TICKET	Requirements on managing trouble tickets
MONITOR	Requirements on managing service monitoring

Table 3.1: PSID Requirement Categories

3.1 Interfaces

A PSS has at least four different actors they need to interact with:

- Providers (satellite operators, (Gov)SatCom service providers)
- Other Pooling & Sharing Systems
- Users
- Governance (the operator of the PSS and their staff)

Towards deducing the interfaces that implement a given PSI requirement, the diagram in the respective operation in the [PSI-TOD] should be consulted. The diagram demonstrates graphically who takes the role of a server for the REST endpoints and who are the actors that consume them, taking over the role of a client.

For example, if the server is the PSS and the clients are the customers, providers, and other PSS, the requirement relates to the PSS-user I/F, the PSS-provider I/F, and the PSS-PSS I/F respectively.

3.2 RFC 2119 Phrasing

Several words are used to signify the requirements in the specification. The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL"

in this document are to be interpreted as described in RFC 2119.

1. **MUST** This word, or the terms "REQUIRED" or "SHALL", mean that the definition is an absolute requirement of the specification.

2. **MUST NOT** This phrase, or the phrase "SHALL NOT", mean that the definition is an absolute prohibition of the specification.

3. **SHOULD** This word, or the adjective "RECOMMENDED", mean that there may exist valid reasons in particular circumstances to ignore a particular item, but the full implications must be understood and carefully weighed before choosing a different course.

4. **SHOULD NOT** This phrase, or the phrase "NOT RECOMMENDED" mean that there may exist valid reasons in particular circumstances when the particular behaviour is acceptable or even useful, but the full implications should be understood and the case carefully weighed before implementing any behaviour described with this label.

5. **MAY** This word, or the adjective "OPTIONAL", mean that an item is truly optional. One vendor may choose to include the item because a particular marketplace requires it or because the vendor feels that it enhances the product while another vendor may omit the same item. An implementation which does not include a particular option MUST be prepared to interoperate with another implementation which does include the option, though perhaps with reduced functionality. In the same vein an implementation which does include a particular option MUST be prepared to interoperate with another implementation which does not include the option (except, of course, for the feature the option provides.)

4   PSI Requirements

The PSI requirements are derived requirements and have been engineered in the course of project execution.

4.1   REQ-01-Miscellaneous

4.1.1   REQ-01-01-Party_Management

4.1.1.1   REQ-01-01-01-Create_Party_Profile

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-01-01-01	The interface shall allow an individual to register as a party to a PSS.	-	P&S_002	PARTY
PSI-01-01-01-02	The interface shall allow an organization to register as a party to a PSS.	-	P&S_002	PARTY
PSI-01-01-01-03	The interface shall allow an organization to register its sub-organization(s) in hierarchical layers.	Role inheritance by the sub-organizations and individuals is enabled by the API. The usage of such is however within the scope of the PSS implementation.	P&S_138, P&S_140	PARTY
PSI-01-01-01-04	The interface shall allow an organization to register its associated community of individuals (users).	-	P&S_138, P&S_140, P&S_194	PARTY
PSI-01-01-01-05	The interface shall allow the governance to register a party to a PSS.	-	P&S_002	PARTY
PSI-01-01-01-06	The interface shall allow the store contract relevant information about a party.	This could be accessible pools, SLA-Information of the PSS itself or other capabilities available to the party.	P&S_024	PARTY

Table 4.1: Requirements for creating a party profile.

4.1.1.2 REQ-01-01-02-Update_Party_Profile

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-01-02-01	The interface shall allow an individual to update the existing party in a PSS.	-	-	PARTY
PSI-01-01-02-02	The interface shall allow an individual to update only their party in the PSS.	-	-	PARTY, SEC
PSI-01-01-02-03	The interface shall allow an organization to update the existing party in a PSS.	-	-	PARTY, SEC
PSI-01-01-02-04	The interface shall allow an organization to update only their party in the PSS.	-	-	PARTY, SEC
PSI-01-01-02-05	The interface shall allow an organization to register its sub-organization(s) in hierarchical layers.	Role inheritance by the sub-organizations and individuals is enabled by the API. The usage of such is however within the scope of the PSS implementation.	P&S_138, P&S_140	PARTY
PSI-01-01-02-06	The interface shall allow an organization to specify its associated community of individuals (users).	-	P&S_138, P&S_140	PARTY
PSI-01-01-02-07	The interface shall allow the governance to update an existing party in a PSS.	-	-	PARTY

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-01-02-08	The interface shall allow the governance to set the response time for orders and inquiries of an existing organization party (i.e. provider) in a PSS.	The governance uses the response time to enforce the respective provider organization to respond according to their SLA.	P&S_019	PARTY
PSI-01-01-02-09	The interface shall allow the governance to set the maximum priority for inquiries of an existing party (i.e. customer) in a PSS.	-	-	PARTY

Table 4.2: Requirements for updating a party profile.

4.1.1.3 REQ-01-01-03-Remove_Party_Profile

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-01-03-01	The interface shall allow an individual to delete the existing party or mark it as invalid in a PSS.	-	-	PARTY
PSI-01-01-03-02	The interface shall allow an individual to delete only their party in the PSS.	-	-	PARTY, SEC
PSI-01-01-03-03	The interface shall allow an organization to delete the existing party or mark it as invalid in a PSS.	-	-	PARTY
PSI-01-01-03-04	The interface shall allow an organization to delete only their party in the PSS.	-	-	PARTY, SEC
PSI-01-01-03-05	The interface shall allow the governance to delete an existing party or mark it as invalid in a PSS.	-	-	PARTY

Table 4.3: Requirements for deleting a party profile.

4.1.1.4 REQ-01-01-04-View_Party_Profile

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-01-04-01	The interface shall allow an individual to retrieve the existing party from a PSS.	-	-	PARTY
PSI-01-01-04-02	The interface shall allow an individual to access only their party in the PSS.	-	-	PARTY, SEC
PSI-01-01-04-03	The interface shall allow an organization to retrieve the existing party from a PSS.	-	-	PARTY
PSI-01-01-04-04	The interface shall allow an organization to access only their party in the PSS.	-	-	PARTY, SEC
PSI-01-01-04-05	The interface shall allow the governance to retrieve an existing party from a PSS.	-	-	PARTY

Table 4.4: Requirements for viewing a party profile.

4.1.1.5   REQ-01-01-05-View_All_Party_Profiles

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-01-05-01	The interface shall allow the governance to retrieve all parties from a PSS.	-	-	PARTY
PSI-01-01-05-02	The interface shall allow an organization to retrieve all associated parties from a PSS.	-	-	PARTY

Table 4.5: Requirements for viewing all party profiles.

4.1.2 REQ-01-02-Event_Management

4.1.2.1 REQ-01-02-01-View_Event_Topics

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-02-01-01	The interface shall allow other systems to retrieve a list of event topics.	-	-	-
PSI-01-02-01-02	The interface shall offer at least the event topics "order" and "inquiry".	-	-	-

Table 4.6: Requirements for viewing event topics.

4.1.2.2   REQ-01-02-02-Register_Event_Callback

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-02-02-01	The interface shall allow other systems to register callbacks for event topics.	-	-	-
PSI-01-02-02-02	The interface shall allow the optional specification of filter queries for callbacks.	-	-	-
PSI-01-02-02-03	The implementation shall reject callback URLs with unknown hosts.	-	-	-

Table 4.7: Requirements for registering an event callback.

4.1.2.3   REQ-01-02-03-Dispatch_Event

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-02-03-01	The interface shall allow receiving events from other systems.	-	-	-
PSI-01-02-03-02	The interface shall allow exchange of entity data within events.	-	-	-
PSI-01-02-03-03	The sender implementation shall filter receivers by event topics.	-	-	-
PSI-01-02-03-04	The sender implementation shall filter receivers on a need-to-know basis.	-	-	-
PSI-01-02-03-05	The sender implementation shall filter receivers based on their filter query.	-	-	-
PSI-01-02-03-06	The sender implementation must apply an exponential back-off strategy for rejected events.	-	-	-
PSI-01-02-03-07	The sender implementation may halt event transmission to broken callbacks for manual resumption.	-	-	-
PSI-01-02-03-08	The sender implementation must always send events in the original timely order.	-	-	-
PSI-01-02-03-09	The sender implementation must authenticate with the target host before sending an event.	-	-	-

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category

Table 4.8: Requirements for dispatching events.

4.1.2.4   REQ-01-02-04-Deregister_Event_Callback

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-02-04-01	The interface shall allow other systems to unregister their already registered callbacks for event topics.	-	-	-

Table 4.9: Requirements for unregistering an event callback.

4.1.3 REQ-01-03-Document_Management

4.1.3.1 REQ-01-03-01-Create_Document

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-03-01-01	The interface shall allow a party to create a document in a PSS.	-	-	DOC

Table 4.10: Requirements for creating a document.

4.1.3.2   REQ-01-03-02-Update_Document

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-03-02-01	The interface shall allow a party to update an existing document in a PSS.	-	-	DOC
PSI-01-03-02-02	The interface shall allow a party to control write access to a document they have created in a PSS.	-	-	DOC, SEC

Table 4.11: Requirements for updating a document.

4.1.3.3 REQ-01-03-03-Remove_Document

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-03-03-01	The interface shall allow a party to delete or mark an existing document from a PSS as invalid.	-	-	DOC
PSI-01-03-03-02	The interface shall allow a party to delete only documents they have created in a PSS.	-	-	DOC, SEC
PSI-01-03-03-03	The implementation shall cascade the deletion of a document to all associated attachments.	-	-	DOC

Table 4.12: Requirements for deleting a document.

4.1.3.4   REQ-01-03-04-View_Document

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-03-04-01	The interface shall allow a party to retrieve a document from a PSS.	-	-	DOC
PSI-01-03-04-02	The interface shall allow a party to control read access to a document they have created in a PSS.	-	-	DOC, SEC

Table 4.13: Requirements for viewing a document.

4.1.3.5   REQ-01-03-05-View_All_Documents

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-03-05-01	The interface shall allow a party to retrieve all documents that are applicable to them in a PSS.	-	-	DOC

Table 4.14: Requirements for viewing all documents.

4.1.3.6   REQ-01-03-06-Create_Attachment

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-03-06-01	The interface shall allow a party to create and transfer an attachment to a PSS.	-	-	DOC
PSI-01-03-06-02	The attachment shall be added as part of an existing document.	-	-	DOC
PSI-01-03-06-03	The interface shall allow a party to specify the mime type of the attachment (e.g. application/pdf, application/msword, image/jpeg, etc.).	-	-	DOC

Table 4.15: Requirements for creating an attachment.

4.1.3.7 REQ-01-03-07-Update_Attachment

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-03-07-01	The interface shall allow a party to update an existing attachment of a document in a PSS.	-	-	DOC
PSI-01-03-07-02	The interface shall allow a party to control write access to an attachment they have created in a PSS.	-	-	DOC, SEC

Table 4.16: Requirements for updating an attachment.

4.1.3.8 REQ-01-03-08-Remove_Attachment

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-03-08-01	The interface shall allow a party to delete or mark an existing attachment of a document from a PSS as invalid.	-	-	DOC
PSI-01-03-08-02	The interface shall allow a party to delete only attachments they have created in a PSS.	-	-	DOC, SEC

Table 4.17: Requirements for removing an attachment.

4.1.3.9   REQ-01-03-09-View_Attachment

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-03-09-01	The interface shall allow a party to view an existing attachment object of a document from a PSS.	-	-	DOC
PSI-01-03-09-02	The interface shall allow a party to control read access to an attachment that they have created in a PSS.	-	-	DOC, SEC

Table 4.18: Requirements for viewing a document.

4.1.3.10   REQ-01-03-10-View_All_Attachments

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-03-10-01	The interface shall allow a party to retrieve a list of all existing attachments of a document that they have created or are applicable to them in a PSS.	-	-	DOC

Table 4.19: Requirements for viewing all attachments.

4.1.3.11   REQ-01-03-11-Fetch_Attachment_Content

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-03-11-01	The interface shall allow a party to retrieve the binary content for preview of an existing attachment of a document from a PSS.	-	-	DOC
PSI-01-03-11-02	The interface shall allow a party to control read access to the binary content of an attachment that they have created in a PSS.	-	-	DOC, SEC

Table 4.20: Requirements for viewing an attachment content.

4.1.3.12   REQ-01-03-12-Update_Attachment_Content

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-01-03-12-01	The interface shall allow a party to update the binary content of an existing attachment of a document in a PSS.	-	-	DOC
PSI-01-03-12-02	The interface shall allow a party to control write access to the binary content of an attachment they have created in a PSS.	-	-	DOC, SEC

Table 4.21: Requirements for updating an attachment content.

4.2 REQ-02-Product-Publishing

4.2.1 REQ-02-01-Resource_Catalog_Management

4.2.1.1 REQ-02-01-01-Create_Resource_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-01-01-01	The interface shall allow a party to register a resource specification to a PSS.	The provider is enabled to upload services and resources, covering their specifications, to a PSS. As the same endpoint is provided to user parties, declaration of user owned assets to the PSS is enabled, too.	P&S_005, P&S_050, P&S_051, P&S_054, P&S_057, P&S_059, P&S_191	POOLING
PSI-02-01-01-02	The interface shall ensure that the resource specifications are organised into a resource catalog according to resource types.	-	-	POOLING
PSI-02-01-01-03	The interface shall allow the specification of footprints in GeoJSON format.	-	P&S_061, P&S_084	POOLING
PSI-02-01-01-04	The implementation shall reject the specification if it does not match the schema.	-	P&S_056	POOLING

Table 4.22: Requirements for creating a resource specification.

4.2.1.2 REQ-02-01-02-Update_Resource_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-01-02-01	The interface shall allow a party to update an existing resource specification in a PSS.	-	P&S_050, P&S_051	POOLING
PSI-02-01-02-02	The interface shall allow a party to control write access to a resource specification they have created in the PSS.	-	-	POOLING, SEC

Table 4.23: Requirements for updating a resource specification.

4.2.1.3   REQ-02-01-03-Remove_Resource_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-01-03-01	The interface shall allow a party to delete or mark an existing resource specification from a PSS as invalid.	-	P&S_050, P&S_051	POOLING
PSI-02-01-03-02	The interface shall allow a party to delete only resource specifications they have created in the PSS.	-	-	POOLING, SEC

Table 4.24: Requirements for deleting a resource specification.

4.2.1.4 REQ-02-01-04-View_Resource_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-01-04-01	The interface shall allow a party to retrieve a resource specification from a PSS.	-	-	POOLING
PSI-02-01-04-02	The interface shall allow a party to control read access to a resource specification they have created in the PSS.	-	-	POOLING, SEC

Table 4.25: Requirements for viewing a resource specification.

4.2.1.5   REQ-02-01-05-View_All_Resource_Specifications

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-01-05-01	The interface shall allow a party to retrieve all resource specifications that are applicable to them in a PSS.	-	P&S_005	POOLING
PSI-02-01-05-02	The interface shall allow a party to filter resource specifications at least by a resource type, region and frequency band (if applicable).	Allows the creation of statistics about coverage in different geographical areas.	P&S_117, P&S_118	POOLING

Table 4.26: Requirements for viewing all resource specifications.

4.2.2 REQ-02-02-Service_Catalog_Management

4.2.2.1 REQ-02-02-01-Create_Service_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-02-01-01	The interface shall allow a party to register a service specification to a PSS.	-	P&S_050, P&S_051, P&S_054, P&S_057	POOLING
PSI-02-02-01-02	The interface shall ensure that the service specifications are organised into a service catalog according to service types.	-	-	POOLING
PSI-02-02-01-03	The interface shall allow the specification of service areas in GeoJSON format.	-	P&S_061, P&S_084	POOLING
PSI-02-02-01-04	The implementation shall reject the specification if it does not match the schema.	-	P&S_056	POOLING

Table 4.27: Requirements for creating service specification.

4.2.2.2 REQ-02-02-02-Update_Service_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-02-02-01	The interface shall allow a party to update an existing service specification in a PSS.	-	P&S_050, P&S_051	POOLING
PSI-02-02-02-02	The interface shall allow a party to control write access to the service specifications they have created in the PSS.	-	-	POOLING, SEC

Table 4.28: Requirements for updating service specification.

4.2.2.3   REQ-02-02-03-Remove_Service_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-02-03-01	The interface shall allow a party to delete or mark an existing service specification from a PSS as invalid.	-	P&S_050, P&S_051	POOLING
PSI-02-02-03-02	The interface shall allow a party to delete only service specifications they have created in the PSS.	-	-	POOLING, SEC

Table 4.29: Requirements for deleting service specification.

4.2.2.4 REQ-02-02-04-View_Service_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-02-04-01	The interface shall allow a party to retrieve a service specification from a PSS.	-	-	POOLING
PSI-02-02-04-02	The interface shall allow a party to control read access to a resource specification they have created in the PSS.	-	-	POOLING, SEC

Table 4.30: Requirements for viewing a service specification.

4.2.2.5 REQ-02-02-05-View_All_Service_Specifications

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-02-05-01	The interface shall allow a party to retrieve all service specifications that are applicable to them in a PSS.	-	P&S_005	POOLING
PSI-02-02-05-02	The interface shall allow a party to filter service specifications at least by a service type, region and frequency band (if applicable).	Allows the creation of statistics about coverage in different geographical areas.	P&S_117, P&S_118	POOLING

Table 4.31: Requirements for viewing all service specifications.

4.2.3 REQ-02-03-Product_Catalog_Management

4.2.3.1 REQ-02-03-01-Create_Product_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-03-01-01	The interface shall allow a party to register a product specification to a PSS.	-	P&S_002, P&S_050, P&S_051, P&S_057	POOLING
PSI-02-03-01-02	The interface shall allow to describe the competitive advantages of a product.	-	P&S_069, P&S_189	POOLING
PSI-02-03-01-03	The implementation shall reject the specification if it does not match the schema.	-	P&S_056	POOLING

Table 4.32: Requirements for creating a product specification.

4.2.3.2   REQ-02-03-02-Update_Product_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-03-02-01	The interface shall allow a party to update an existing product specification in a PSS.	-	P&S_050, P&S_051	POOLING
PSI-02-03-02-02	The interface shall allow a party to control write access to a product specification they have created in the PSS.	-	-	POOLING, SEC

Table 4.33: Requirements for updating a product specification.

4.2.3.3   REQ-02-03-03-Remove_Product_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-03-03-01	The interface shall allow a party to delete or mark an existing product specification from a PSS as invalid.	-	P&S_050, P&S_051	POOLING
PSI-02-03-03-02	The interface shall allow a party to delete only a product specification they have created in the PSS.	-	-	POOLING, SEC

Table 4.34: Requirements for removing a product specification.

4.2.3.4   REQ-02-03-04-View_Product_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-03-04-01	The interface shall allow a party to retrieve a product specification from a PSS.	-	-	POOLING
PSI-02-03-04-02	The interface shall allow a party to control read access to the product specifications they have created in the PSS.	-	-	POOLING, SEC
PSI-02-03-04-03	The implementation shall calculate the accessibility of a product specification based on the required resources.	-	P&S_038	POOLING

Table 4.35: Requirements for viewing a product specification.

4.2.3.5   REQ-02-03-05-View_All_Product_Specifications

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-03-05-01	The interface shall allow a party to retrieve all product specifications that are applicable to them in a PSS.	-	P&S_005	POOLING

Table 4.36: Requirements for viewing all product specifications.

4.2.4 REQ-02-04-Product_Offering_Management

4.2.4.1 REQ-02-04-01-Create_Product_Offering

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-04-01-01	The interface shall allow a party to register a product offering with a price value to a PSS.	-	P&S_034, P&S_035	POOLING
PSI-02-04-01-02	The interface shall allow a party to specify the access probability of a product offering.	-	P&S_063, P&S_064	POOLING

Table 4.37: Requirements for creating a product offering.

4.2.4.2   REQ-02-04-02-Update_Product_Offering

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-04-02-01	The interface shall allow a party to update an existing product offering in a PSS.	-	P&S_034, P&S_035	POOLING
PSI-02-04-02-02	The interface shall allow a party to control write access to a product offering they have created in the PSS.	-	-	POOLING, SEC
PSI-02-04-02-03	The interface shall allow a party to update the access probability of a product offering.	-	P&S_065	POOLING
PSI-02-04-02-04	The implementation may allow the governance to update the access probability based on collected statistics.	-	P&S_067	POOLING

Table 4.38: Requirements for updating a product offering.

4.2.4.3   REQ-02-04-03-Remove_Product_Offering

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-04-03-01	The interface shall allow a party to delete or mark an existing product offering from a PSS as invalid.	-	P&S_034, P&S_035	POOLING
PSI-02-04-03-02	The interface shall allow a party to delete only product offerings they have created themselves in the PSS.	-	-	POOLING, SEC

Table 4.39: Requirements for deleting a product offering.

4.2.4.4 REQ-02-04-04-View_Product_Offering

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-04-04-01	The interface shall allow a party to retrieve a product offering from a PSS.	-	P&S_034, P&S_035	POOLING
PSI-02-04-04-02	The interface shall allow a party to control read access to the product offering they have created in the PSS.	-	-	POOLING, SEC

Table 4.40: Requirements for viewing a product offering.

4.2.4.5   REQ-02-04-05-View_All_Product_Offerings

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-02-04-05-01	The interface shall allow a party to retrieve all product offerings that are applicable to them in a PSS.	This allows to monitor active missions, reservations and orders, if a monitoring system is included in a PSS.	P&S_034, P&S_035, P&S_201	POOLING

Table 4.41: Requirements for viewing all product offerings.

4.3   REQ-03-Product_Inquiry_And_Ordering

4.3.1   REQ-03-01-Customer_Inquiry_Management

4.3.1.1   REQ-03-01-01-Create_Customer_Inquiry

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-01-01-01	The interface shall allow a customer to create an inquiry in a PSS.	-	-	INQUIRY
PSI-03-01-01-02	The implementation shall publish the creation of inquiries to all participating providers using the Event API.	-	P&S_059, P&S_062, P&S_102	POOLING
PSI-03-01-01-03	The implementation should filter the list of participating providers sent to them.	While the list in the PSS contains all providers, the message sent to provider A does only contain their entry, not the one of provider B and C. This has to be merged correctly when updates are received.	-	POOLING
PSI-03-01-01-04	The interface shall allow a PSS to send a customer profile to the provider.	This allows the forwarding of selected fields (e.g. allowed security grade, service grade determined by security and availability) without exposing the whole profile, as well as other characteristics like the customer priority.	P&S_004, P&S_068, P&S_094, P&S_141, P&S_145, P&S_146, P&S_148, P&S_187	INQUIRY
PSI-03-01-01-05	The interface shall indicate the maximum response time for an inquiry.	-	P&S_019	INQUIRY

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-01-01-06	The interface may indicate the minimum and/or average response time for an inquiry.	-	-	INQUIRY
PSI-03-01-01-07	The interface shall allow the definition of different features (on service layer L0/L1/L2/L3) in an inquiry.	-	P&S_028	INQUIRY
PSI-03-01-01-08	The interface shall allow the definition of geographies for every applicable feature in an inquiry.	-	P&S_026	INQUIRY
PSI-03-01-01-09	The interface shall allow the definition of the desired frequency band for every applicable feature in an inquiry.	-	P&S_027	INQUIRY
PSI-03-01-01-10	The interface shall allow the definition of forward/return information rates (committed and peak) for every applicable feature in an inquiry.	-	P&S_030	INQUIRY
PSI-03-01-01-11	The interface shall allow the definition of the service period for every requested feature in an inquiry.	-	P&S_086, P&S_087, P&S_088	INQUIRY
PSI-03-01-01-12	The interface shall allow a partial match on single feature characteristics (best-effort option).	-	P&S_103	INQUIRY

Table 4.42: Requirements for creating a customer inquiry.

4.3.1.2 REQ-03-01-02-View_Customer_Inquiry

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-01-02-01	The interface shall allow a party to retrieve a customer inquiry from a PSS.	-	-	INQUIRY
PSI-03-01-02-02	The interface shall allow a customer and target provider(s) to control read access to an inquiry that is applicable to them in the PSS.	-	-	INQUIRY, SEC
PSI-03-01-02-03	The interface shall indicate the processing status of an inquiry.	-	-	INQUIRY
PSI-03-01-02-04	The interface shall allow providers to add general notes to their inquiry response.	-	P&S_142a	INQUIRY

Table 4.43: Requirements for viewing a customer inquiry.

4.3.1.3   REQ-03-01-03-View_Inquiry_Results

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-01-03-01	The interface shall allow a customer to view the product offerings matching their inquiry.	-	P&S_024, P&S_099, P&S_103, P&S_188	INQUIRY
PSI-03-01-03-02	The interface shall allow a customer to view the product specifications matching their inquiry.	-	-	INQUIRY
PSI-03-01-03-03	The interface shall allow a customer to view the service specifications matching their inquiry.	-	-	INQUIRY
PSI-03-01-03-04	The interface shall allow a customer to view the resource specifications matching their inquiry.	-	-	INQUIRY
PSI-03-01-03-05	If no results are available, the interface shall indicate the reason using specified HTTP status codes.	The reason could be that the inquiry was not yet processed (204, no content) or that no matches were found (200 with empty array)	P&S_104	INQUIRY
PSI-03-01-03-06	The interface may block up to 20 seconds if results are calculated by an algorithm.	Used instead of returning the 204 code to avoid busy waiting.	-	INQUIRY
PSI-03-01-03-07	The interface shall return relevant security and availability information for each inquiry results.	-	P&S_048	INQUIRY
PSI-03-01-03-08	The interface shall allow the provider to add notes to inquiry results.	-	P&S_142a	INQUIRY

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category

Table 4.44: Requirements for viewing inquiry results.

4.3.1.4   REQ-03-01-04-Update_Customer_Inquiry

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-01-04-01	The interface shall allow a customer to update the list of inquired providers of an existing customer inquiry in a PSS.	-	-	INQUIRY
PSI-03-01-04-02	The implementation shall publish the inquiries to all new participating providers using the Event API.	-	P&S_059, P&S_062, P&S_102	POOLING
PSI-03-01-04-03	The implementation shall publish cancellations of inquiries for the case that previously participating providers are removed from the inquiry using the Event API.	-	-	POOLING
PSI-03-01-04-04	The implementation should filter the list of participating providers sent to them.	While the list in the PSS contains all providers, the message sent to provider A does only contain their entry, not the one of provider B and C. This has to be merged correctly when updates are received.	-	POOLING
PSI-03-01-04-05	The interface shall reject updates of already completed or cancelled customer inquiries in a PSS.	-	-	INQUIRY, SEC

Table 4.45: Requirements for updating a customer inquiry.

4.3.1.5   REQ-03-01-05-Cancel_Customer_Inquiry

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-01-05-01	The interface shall allow a customer to cancel an existing customer inquiry in a PSS.	-	P&S_034, P&S_035	INQUIRY

Table 4.46: Requirements for removing a customer inquiry.

4.3.2 REQ-03-02-Product_Order_Management

4.3.2.1 REQ-03-02-01-Create_Product_Order

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-02-01-01	The interface shall allow a user or a user organisation to create a product order to a PSS.	-	P&S_194	ORDER
PSI-03-02-01-02	The interface shall allow a PSS to notify a provider that an order has been created.	-	-	ORDER
PSI-03-02-01-03	The implementation shall publish the creation of orders to other participating parties using the Event API.	-	-	ORDER
PSI-03-02-01-04	The interface shall allow user organisations to submit orders on behalf of their user community.	-	P&S_194	ORDER

Table 4.47: Requirements for creating product order.

4.3.2.2 REQ-03-02-02-Update_Product_Order

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-02-02-01	The interface shall allow a user and a provider to update an existing order in a PSS.	-	-	ORDER
PSI-03-02-02-02	The interface shall allow a PSS to notify a provider that an order has been updated.	-	-	ORDER
PSI-03-02-02-03	The interface shall allow a provider to notify a PSS about an order state change.	-	-	ORDER
PSI-03-02-02-04	The interface shall allow a user and a provider to control write access to the orders they have created in the PSS.	-	-	ORDER, SEC

Table 4.48: Requirements for updating product order.

4.3.2.3   REQ-03-02-03-View_Product_Order

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-02-03-01	The interface shall allow a user and a provider to retrieve a product order from a PSS.	This allows to monitor active missions, reservations and orders, if a monitoring system is included in a PSS.	P&S_201	ORDER
PSI-03-02-03-02	The interface shall allow a user and a provider to control read access to a product order that is applicable to them in the PSS.	-	P&S_201	ORDER, SEC

Table 4.49: Requirements for viewing a product order

4.3.2.4   REQ-03-02-04-View_All_Product_Orders

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-02-04-01	The interface shall allow a user and a provider to retrieve all product orders that are applicable to them in a PSS.	This allows to monitor active missions, reservations and orders, if a monitoring system is included in a PSS.	P&S_201	ORDER

Table 4.50: Requirements for viewing all product orders

4.3.3 REQ-03-03-Customer_Bill_Management

4.3.3.1 REQ-03-03-01-Create_Customer_Bill

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-03-01-01	The interface shall allow a provider to create a customer bill to a PSS.	-	-	ORDER
PSI-03-03-01-02	The interface shall allow a provider to specify a debtor other than the product user.	-	P&S_041	ORDER
PSI-03-03-01-03	The interface shall allow a provider to specify multiple related parties for a bill.	-	P&S_195	ORDER
PSI-03-03-01-04	The implementation may intercept and transform a customer bill before delivering it to the customer.	-		ORDER

Table 4.51: Requirements for creating customer bill.

4.3.3.2 REQ-03-03-02-Update_Customer_Bill

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-03-02-01	The interface shall allow a provider to change only the state of a customer bill, for example, to inform the PSS that the bill has been paid.	-	-	ORDER
PSI-03-03-02-02	The interface shall allow a provider to control write access to a customer bill they have created in the PSS.	-	-	ORDER, SEC

Table 4.52: Requirements for updating customer bill.

4.3.3.3   REQ-03-03-03-View_Customer_Bill

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-03-03-01	The interface shall allow a user or a provider to retrieve a customer bill from a PSS.	-	-	ORDER
PSI-03-03-03-02	The interface shall allow a provider to control read access to a customer bill that is created by them in the PSS.	-	-	ORDER, SEC
PSI-03-03-03-03	The interface should return a bill document as attachment(s).	-	-	ORDER
PSI-03-03-03-04	The interface should return the state of a customer bill (e.g. 'sent', 'settled', 'partiallyPaid', etc.).	-	-	ORDER
PSI-03-03-03-05	The interface may return the payment method of a customer bill.	-	-	ORDER
PSI-03-03-03-06	The interface may return the billing account of a customer bill.	-	-	ORDER
PSI-03-03-03-07	The interface may return a list of applied payments of a customer bill.	-	-	ORDER

Table 4.53: Requirements for viewing a customer bill.

4.3.3.4   REQ-03-03-04-View_All_Customer_Bills

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-03-04-01	The interface shall allow a user or a provider to retrieve all customer bills that are applicable to them in a PSS.	-	-	ORDER
PSI-03-03-04-02	The interface shall allow a user or a provider to filter customer bills at least by bill number and state.	-	-	ORDER

Table 4.54: Requirements for viewing all customer bills.

4.3.3.5   REQ-03-03-05-Withdraw_Customer_Bill

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-03-03-05-01	The interface shall allow a provider to withdraw an existing customer bill in a PSS.	-	-	ORDER

Table 4.55: Requirements for withdrawal a customer bill.

4.4 REQ-04-Template_Management

4.4.1 REQ-04-01-Resource_Template_Management

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-01-00-01	The interface shall ensure that the resource templates are provider-agnostic.	-	-	POOLING
PSI-04-01-00-02	The interface shall allow only the governance to have write access to resource templates in the PSS.	-	-	POOLING, SEC

Table 4.56: Requirements for resource templates.

4.4.1.1 REQ-04-01-01-Create_Resource_Template

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-01-01-01	The interface shall allow the governance to register a resource template (with static and dynamic fields) to a PSS, containing all the necessary information that would allow a party to create a resource specification.	-	P&S_054	POOLING
PSI-04-01-01-02	The interface shall ensure that the resource templates are organised into a resource template catalog according to resource types.	-	-	POOLING

Table 4.57: Requirements for creating a resource template.

4.4.1.2   REQ-04-01-02-Update_Resource_Template

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-01-02-01	The interface shall allow the governance to update an existing resource template in a PSS.	-	-	POOLING
PSI-04-01-02-02	The interface shall allow only the governance to have write access to resource templates in the PSS.	-	-	POOLING, SEC

Table 4.58: Requirements for updating a resource template.

4.4.1.3   REQ-04-01-03-Remove_Resource_Template

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-01-03-01	The interface shall allow the governance to delete or mark an existing resource template from a PSS as invalid.	-	-	POOLING
PSI-04-01-03-02	The interface shall allow only the governance to delete resource templates in the PSS.	-	-	POOLING, SEC

Table 4.59: Requirements for deleting a resource template.

4.4.1.4   REQ-04-01-04-View_Resource_Template

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-01-04-01	The interface shall allow a party to request and retrieve a resource template from a PSS for a particular resource specification.	-	P&S_055, P&S_207	POOLING
PSI-04-01-04-02	The interface shall allow the governance to control read access to a resource template they have created in the PSS.	-	-	POOLING, SEC

Table 4.60: Requirements for viewing a resource template.

4.4.1.5 REQ-04-01-05-View_All_Resource_Templates

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-01-05-01	The interface shall allow parties to filter from available resource templates at least by name and resource type.	-	-	POOLING

Table 4.61: Requirements for viewing resource templates.

4.4.2   REQ-04-02-Service_Template_Management

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-02-00-01	The interface shall ensure that the service templates are provider-agnostic.	-	-	POOLING
PSI-04-02-00-02	The interface shall allow only the governance to have write access to service templates in the PSS.	-	P&S_207	POOLING, SEC

Table 4.62: Requirements for service templates.

4.4.2.1   REQ-04-02-01-Create_Service_Template

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-02-01-01	The interface shall allow the governance to register a service template (with static and dynamic fields) to a PSS, containing all the necessary information that would allow a party to create a service specification.	-	P&S_054	POOLING
PSI-04-02-01-02	The interface shall ensure that the service templates are organised into a service template catalog according to service types.	-	-	POOLING

Table 4.63: Requirements for creating a service template.

4.4.2.2   REQ-04-02-02-Update_Service_Template

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-02-02-01	The interface shall allow the governance to update an existing service template in a PSS.	-	-	POOLING

Table 4.64: Requirements for updating a service template.

4.4.2.3 REQ-04-02-03-Remove_Service_Template

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-02-03-01	The interface shall allow the governance to delete or mark an existing service template from a PSS as invalid.	-	-	POOLING
PSI-04-02-03-02	The interface shall allow only the governance to delete service templates in the PSS.	-	-	POOLING, SEC

Table 4.65: Requirements for deleting a service template.

4.4.2.4   REQ-04-02-04-View_Service_Template

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-02-04-01	The interface shall allow a party to request and retrieve a service template from a PSS for a particular service specification.	-	P&S_055, P&S_207	POOLING
PSI-04-02-04-02	The interface shall allow the governance to control read access to a service template they have created in the PSS.	-	-	POOLING, SEC

Table 4.66: Requirements for viewing a service template.

4.4.2.5   REQ-04-02-05-View_All_Service_Templates

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-02-05-01	The interface shall allow parties to filter from available service templates at least by name and service type.	-	-	POOLING

Table 4.67: Requirements for viewing service templates.

4.4.3   REQ-04-03-Product_Template_Management

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-03-00-01	The interface shall ensure that the product templates are provider-agnostic.	-	-	POOLING
PSI-04-03-00-02	The interface shall allow only the governance to have write access to product templates in the PSS.	-	P&S_207	POOLING, SEC

Table 4.68: Requirements for product templates.

4.4.3.1   REQ-04-03-01-Create_Product_Template

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-03-01-01	The interface shall allow the governance to register a product template (with static and dynamic fields) to a PSS, containing all the necessary information that would allow a party to create a product specification.	-	P&S_054	POOLING
PSI-04-03-01-02	The interface shall ensure that the product templates are organised into a product template catalog according to product types.	-	-	POOLING

Table 4.69: Requirements for creating a product template.

4.4.3.2 REQ-04-03-02-Update_Product_Template

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-03-02-01	The interface shall allow the governance to update an existing product template in a PSS.	-	-	POOLING

Table 4.70: Requirements for updating a product template.

4.4.3.3   REQ-04-03-03-Remove_Product_Template

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-03-03-01	The interface shall allow the governance to delete or mark an existing product template from a PSS as invalid.	-	-	POOLING
PSI-04-03-03-02	The interface shall allow only the governance to delete product templates in the PSS.	-	-	POOLING, SEC

Table 4.71: Requirements for deleting a product template.

4.4.3.4   REQ-04-03-04-View_Product_Template

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-03-04-01	The interface shall allow a party to request and retrieve a product template from a PSS for a particular product specification.	-	P&S_055, P&S_207	POOLING
PSI-04-03-04-03	The interface shall allow the governance to control read access to a product template they have created in the PSS.	-	-	POOLING, SEC

Table 4.72: Requirements for viewing a product template.

4.4.3.5   REQ-04-03-05-View_All_Product_Templates

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-04-03-05-01	The interface shall allow parties to filter from available product templates at least by name and product type.	-	-	POOLING

Table 4.73: Requirements for viewing product templates.

4.5 REQ-05-Inventory_Management

4.5.1 REQ-05-01-Resource_Inventory_Management

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-01-00-01	The implementation shall track the status of a resource.	The status of a resource is to be understood as parameters that can be translated to a lifecycle status.	P&S_110	POOLING

Table 4.74: Requirements for resource inventory.

4.5.1.1 REQ-05-01-01-Create_Resource

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-01-01-01	The interface shall allow a party to register a resource to a PSS.	-	P&S_050, P&S_051, P&S_054	POOLING
PSI-05-01-01-02	The interface shall allow committing resources to the PSS for a period of time.	-	P&S_058, P&S_060, P&S_061	POOLING
PSI-05-01-01-03	The interface shall allow resources to be assigned to customers for a period of time.	-	-	POOLING
PSI-05-01-01-04	The interface shall allow resources to be created as part of a product order.	-	P&S_062	POOLING, ORDER
PSI-05-01-01-05	The interface shall allow resources to be divided into sub-resources.	-	P&S_142b	POOLING
PSI-05-01-01-06	The interface shall allow reserving resources before booking them.	-	P&S_190	POOLING

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category

Table 4.75: Requirements for creating a resource.

4.5.1.2 REQ-05-01-02-Update_Resource

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-01-02-01	The interface shall allow a party to update an existing resource in a PSS.	-	-	POOLING

Table 4.76: Requirements for updating a resource.

4.5.1.3 REQ-05-01-03-Remove_Resource

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-01-03-01	The interface shall allow a party to delete or mark an existing resource in a PSS as invalid.	-	-	POOLING
PSI-05-01-03-02	The interface shall allow a party to delete only resources they have created in the PSS.	-	-	POOLING, SEC

Table 4.77: Requirements for deleting a resource.

4.5.1.4 REQ-05-01-04-View_Resource

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-01-04-01	The interface shall allow a party to retrieve a resource from a PSS.	-	-	POOLING
PSI-05-01-04-02	The interface shall allow a party to control read access to a resource they have created in the PSS.	-	-	POOLING, SEC

Table 4.78: Requirements for viewing a resource.

4.5.1.5   REQ-05-01-05-View_All_Resources

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-01-05-01	The interface shall allow a party to retrieve all resources that are applicable to them in a PSS.	This represents a whitelisting of applicable resources and thus resource providers. The representation of such whitelisting is part of the PSS's implementation.	P&S_052, P&S_053, P&S_098	POOLING
PSI-05-01-05-02	The interface shall allow a party to filter resources at least by a resource type, region and frequency band (if applicable).	Allows the creation of statistics about usage in different geographical areas.	P&S_119, P&S_120	POOLING

Table 4.79: Requirements for viewing all resources.

4.5.2   REQ-05-02-Service_Inventory_Management

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-02-00-01	The implementation shall track the status of a service.	-	-	POOLING

Table 4.80: Requirements for service inventory.

4.5.2.1   REQ-05-02-01-Create_Service

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-02-01-01	The interface shall allow a party to register a service to a PSS.	-	-	POOLING
PSI-05-02-01-02	The interface shall allow services to be assigned to customers for a period of time.	-	-	POOLING

Table 4.81: Requirements for creating a service.

4.5.2.2   REQ-05-02-02-Update_Service

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-02-02-01	The interface shall allow a party to update an existing service in a PSS.	-	-	POOLING

Table 4.82: Requirements for updating a service.

4.5.2.3 REQ-05-02-03-Remove_Service

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-02-03-01	The interface shall allow a party to delete or mark an existing service in a PSS as invalid.	-	-	POOLING
PSI-05-02-03-02	The interface shall allow a party to delete only services they have created in the PSS.	-	-	POOLING, SEC

Table 4.83: Requirements for deleting a service.

4.5.2.4   REQ-05-02-04-View_Service

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-02-04-01	The interface shall allow a party to retrieve a service from a PSS.	-	-	POOLING
PSI-05-02-04-02	The interface shall allow a party to control read access to a service they have created in the PSS.	-	-	POOLING, SEC

Table 4.84: Requirements for viewing a service.

4.5.2.5   REQ-05-02-05-View_All_Services

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-02-05-01	The interface shall allow a party to retrieve all services that are applicable to them in a PSS.	-	-	POOLING
PSI-05-02-05-02	The interface shall allow a party to filter services at least by a service type, region and frequency band (if applicable).	Allows the creation of statistics about usage in different geographical areas.	P&S_119, P&S_120	POOLING

Table 4.85: Requirements for viewing all services.

4.5.3 REQ-05-03-Product_Inventory_Management

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-03-00-01	The implementation shall track the status of a product.	-	-	POOLING
PSI-05-03-00-02	The implementation shall manage the priority of a product.	-	P&S_131, P&S_132, P&S_133, P&S_134	POOLING

Table 4.86: Requirements for product inventory.

4.5.3.1 REQ-05-03-01-Create_Product

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-03-01-01	The interface shall allow a party to register a product to a PSS.	-	-	POOLING
PSI-05-03-01-02	The interface shall allow products to be assigned to customers for a period of time.	-	-	POOLING

Table 4.87: Requirements for creating a product.

4.5.3.2 REQ-05-03-02-Update_Product

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-03-02-01	The interface shall allow a party to update an existing product in a PSS.	-	-	POOLING

Table 4.88: Requirements for updating a product.

4.5.3.3 REQ-05-03-03-Remove_Product

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-03-03-01	The interface shall allow a party to delete or mark an existing product in a PSS as invalid.	-	-	POOLING
PSI-05-03-03-02	The interface shall allow a party to delete only products they have created in the PSS.	-	-	POOLING, SEC

Table 4.89: Requirements for deleting a product.

4.5.3.4   REQ-05-03-04-View_Product

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-03-04-01	The interface shall allow a party to retrieve a product from a PSS.	-	-	POOLING
PSI-05-03-04-02	The interface shall allow a party to control read access to a product they have created in the PSS.	-	-	POOLING, SEC

Table 4.90: Requirements for viewing a product.

4.5.3.5 REQ-05-03-05-View_All_Products

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-03-05-01	The interface shall allow a party to retrieve all products that are applicable to them in a PSS.	-	-	POOLING
PSI-05-03-05-02	The interface shall allow a party to filter products at least by a product type.	-	-	POOLING

Table 4.91: Requirements for viewing all products.

4.5.4   REQ-05-04-Stock_Management

4.5.4.1   REQ-05-04-01-Check_Product_Stock

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-05-04-01-01	The interface shall allow the PSS to check the product stock of a provider.	-	P&S_062, P&S_102	ORDER
PSI-05-04-01-02	The interface shall allow the provider system to respond with alternative products.	-	-	ORDER
PSI-05-04-01-03	The implementation shall signal immediate or delayed availability of check stock results via HTTP status codes.	-	-	ORDER

Table 4.92: Requirements for checking the product stock.

4.6   REQ-06-Quality_Management

4.6.1   REQ-06-01-Service_Level_Objective_Management

4.6.1.1   REQ-06-01-01-Create_Service_Level_Objective

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-06-01-01-01	The interface shall allow a party to register a service level objective (SLO) to a PSS.	"Ordered services" refers to (Gov)SatCom services as offered by resource providers. Those services may include constraints given by resource providers for which the interface is not to be hold responsible.	P&S_042, P&S_043, P&S_044, P&S_155	MONITOR

Table 4.93: Requirements for creating a service level objective.

4.6.1.2 REQ-06-01-02-Update_Service_Level_Objective

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-06-01-02-01	The interface shall allow a party to update a service level objective (SLO) in a PSS.	"Ordered services" refers to (Gov)SatCom services as offered by resource providers. Those services may include constraints given by resource providers for which the interface is not to be hold responsible.	P&S_042, P&S_043, P&S_044, P&S_155	MONITOR

Table 4.94: Requirements for updating a service level objective.

4.6.1.3 REQ-06-01-03-Remove_Service_Level_Objective

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-06-01-03-01	The interface shall allow a party to delete or mark an existing service level objective (SLO) in a PSS as invalid.	-	-	MONITOR
PSI-06-01-03-02	The interface shall allow a party to delete only service level objectives they have created in the PSS.	-	-	MONITOR

Table 4.95: Requirements for removing a service level objective.

4.6.1.4 REQ-06-01-04-View_Service_Level_Objective

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-06-01-04-01	The interface shall allow a party to retrieve a service level objective from a PSS.	-	-	MONITOR
PSI-06-01-04-02	The interface shall allow a party to control read access to a service level objective they have created in the PSS.	-	-	MONITOR, SEC

Table 4.96: Requirements for viewing a service level objective.

4.6.1.5 REQ-06-01-05-View_All_Service_Level_Objective

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-06-01-05-01	The interface shall allow a party to retrieve all service level objectives that are applicable to them in a PSS.	-	-	MONITOR
PSI-06-01-05-02	The interface shall allow a party to filter services level objective at least by a service references.	-	-	MONITOR

Table 4.97: Requirements for viewing all service level objectives.

4.6.2   REQ-06-02-Service_Level_Specification_Management

4.6.2.1   REQ-06-02-01-Create_Service_Level_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-06-02-01-01	The interface shall allow a party to register a service level specification (SLS) to a PSS.	"Ordered services" refers to (Gov)SatCom services as offered by resource providers. Those services may include constraints given by resource providers for which the interface is not to be hold responsible.	P&S_042, P&S_043, P&S_044, P&S_155	MONITOR

Table 4.98: Requirements for creating a service level specification.

4.6.2.2   REQ-06-02-02-Update_Service_Level_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-06-02-02-01	The interface shall allow a party to update a service level specification (SLS) in a PSS.	"Ordered services" refers to (Gov)SatCom services as offered by resource providers. Those services may include constraints given by resource providers for which the interface is not to be held responsible.	P&S_042, P&S_043, P&S_044, P&S_155	MONITOR

Table 4.99: Requirements for updating a service level specification.

4.6.2.3   REQ-06-02-03-Remove_Service_Level_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-06-02-03-01	The interface shall allow a party to delete or mark an existing service level specification (SLS) in a PSS as invalid.	-	-	MONITOR
PSI-06-02-03-02	The interface shall allow a party to delete only service level specification they have created in the PSS.	-	-	MONITOR

Table 4.100: Requirements for removing a service level specification.

4.6.2.4   REQ-06-02-04-View_Service_Level_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-06-02-04-01	The interface shall allow a party to retrieve a service level specification from a PSS.	-	-	MONITOR
PSI-06-02-04-02	The interface shall allow a party to control read access to a service level specification they have created in the PSS.	-	-	MONITOR, SEC

Table 4.101: Requirements for viewing a service level specification.

4.6.2.5   REQ-06-02-05-View_All_Service_Level_Specification

Req. ID	Description	Comment / Understanding	Related Candidate Requirements	Category
PSI-06-02-05-01	The interface shall allow a party to retrieve all service level specification that are applicable to them in a PSS.	-	-	MONITOR

Table 4.102: Requirements for viewing all service level specification.

4.6.3   REQ-06-03-Key_Indicator_Management

4.6.3.1   REQ-06-03-01-Create_Key_Indicator

Req. ID	Description	Comment / Understanding	Category
PSI-06-03-01-01	The interface shall allow the governance to register a key indicator (KPI or KQI) to a PSS.	-	MONITOR
PSI-06-03-01-02	The interface shall allow a service provider to register a key indicator (KPI or KQI) to a PSS.	-	MONITOR

Table 4.103: Requirements for creating a key indicator.

4.6.3.2 REQ-06-03-02-Update_Key_Indicator

Req. ID	Description	Comment / Understanding	Category
PSI-06-03-02-01	The interface shall allow the governance to update a key indicator (KPI or KQI) in a PSS.	-	MONITOR
PSI-06-03-02-02	The interface shall allow a service provider to update a key indicator (KPI or KQI) in a PSS.	-	MONITOR
PSI-06-03-02-03	The interface shall allow a service provider to update only key indicators they have created in the PSS.	-	MONITOR

Table 4.104: Requirements for updating a key indicator.

4.6.3.3   REQ-06-03-03-Remove_Key_Indicator

Req. ID	Description	Comment / Understanding	Category
PSI-06-03-03-01	The interface shall allow the governance to delete or mark an existing key indicator in a PSS as invalid.	-	MONITOR
PSI-06-03-03-02	The interface shall allow a service provider to delete or mark an existing key indicator in a PSS as invalid.	-	MONITOR
PSI-06-03-03-03	The interface shall allow a service provider to delete only key indicators they have created in the PSS.	-	MONITOR
PSI-06-03-03-04	The interface shall allow a party to delete only a key indicator that is not used by an active service level objective .	-	MONITOR

Table 4.105: Requirements for removing a key indicator.

4.6.3.4   REQ-06-03-04-View_Key_Indicator

Req. ID	Description	Comment / Understanding	Category
PSI-06-03-04-01	The interface shall allow a party to retrieve a key indicator from a PSS.	-	MONITOR
PSI-06-03-04-02	The interface shall allow a party to control read access to a key indicator they have created in the PSS.	-	MONITOR, SEC

Table 4.106: Requirements for viewing a key indicator.

4.6.3.5   REQ-06-03-05-View_All_Key_Indicator

Req. ID	Description	Comment / Understanding	Category
PSI-06-03-05-01	The interface shall allow a party to retrieve all key indicators that are applicable to them in a PSS.	-	MONITOR
PSI-06-03-05-02	The interface shall allow a party to control read access to key indicators they have created in the PSS.	-	MONITOR, SEC

Table 4.107: Requirements for viewing all service level specification.

4.6.4 REQ-06-04-Performance_Monitoring_Job_Management

4.6.4.1 REQ-06-04-01-Create_Performance_Monitoring_Job

Req. ID	Description	Comment / Understanding	Category
PSI-06-04-01-01	The interface shall allow a user or an user organisation to create a performance monitoring job in a PSS.	-	MONITOR
PSI-06-04-01-02	The interface may allow to create only on-demand performance monitoring jobs.	-	MONITOR
PSI-06-04-01-03	The interface shall allow to specify service-specific key indicators for monitoring	-	MONITOR
PSI-06-04-01-04	The interface shall allow to specify for which entity (service or resource) monitoring should be performed	-	MONITOR
PSI-06-04-01-05	The PSS implementation shall perform the monitoring of key indicators according to requested granularity, reporting period, output and result format, and schedule definition.	-	MONITOR

Table 4.108: Requirements for creating a performance monitoring job.

4.6.4.2   REQ-06-04-02-Update_Performance_Monitoring_Job

Req. ID	Description	Comment / Understanding	Category
PSI-06-04-02-01	The interface shall allow a user or a user organisation to update definition a performance monitoring job.	-	MONITOR
PSI-06-04-02-02	The interface shall allow a user or a user organisation to suspend and resume a performance monitoring job.	-	MONITOR
PSI-06-04-02-03	The interface shall allow a user or a user organisation to update only performance monitoring jobs they have created in the PSS.	-	MONITOR

Table 4.109: Requirements for updating a performance monitoring job.

4.6.4.3   REQ-06-04-03-Cancel_Performance_Monitoring_Job

Req. ID	Description	Comment / Understanding	Category
PSI-06-04-03-01	The interface shall allow a user or a user organisation to cancel a performance monitoring job.	-	MONITOR
PSI-06-04-03-02	The interface shall allow a party to cancel only performance monitoring jobs they have created in the PSS.	-	MONITOR
PSI-06-04-03-03	The PSS implementation shall stop monitoring performance and producing results related to the cancelled performance monitoring job.	-	MONITOR

Table 4.110: Requirements for cancelling a performance job.

4.6.4.4   REQ-06-04-04-View_Performance_Monitoring_Job

Req. ID	Description	Comment / Understanding	Category
PSI-06-04-04-01	The interface shall allow a party to retrieve a performance monitoring job from a PSS.	-	MONITOR
PSI-06-04-04-02	The interface shall allow a party to control read access to a performance monitoring job they have created in the PSS.	-	MONITOR, SEC

Table 4.111: Requirements for viewing a performance monitoring job.

4.6.4.5   REQ-06-04-05-View_All_Performance_Monitoring_Job

Req. ID	Description	Comment / Understanding	Category
PSI-06-04-05-01	The interface shall allow a party to retrieve all performance monitoring jobs that are applicable to them in a PSS.	-	MONITOR
PSI-06-04-05-02	The interface shall allow a party to retrieve filter performance monitoring jobs they want to receive.	-	MONITOR

Table 4.112: Requirements for viewing all performance monitoring jobs.

4.6.5   REQ-06-05-Performance_Monitoring_Report_Management

4.6.5.1   REQ-06-05-01-Create_Performance_Monitoring_Report

Req. ID	Description	Comment / Understanding	Category
PSI-06-05-01-01	The interface shall allow a user or an user organisation to request an ad-hoc performance monitoring report in a PSS.		MONITOR
PSI-06-05-01-02	The provider shall provide results of key indicators monitoring according to requested granularity, reporting period, output and result format, and schedule definition.	-	MONITOR

Table 4.113: Requirements for creating a performance monitoring report.

4.6.5.2 REQ-06-05-02-View_Performance_Monitoring_Report

Req. ID	Description	Comment / Understanding	Category
PSI-06-05-02-01	The interface shall allow a party to retrieve a performance monitoring report produced by a performance monitoring report they have created in the PSS.	-	MONITOR
PSI-06-05-02-02	The interface shall allow a party to control read access to a performance monitoring report produced by a performance monitoring report they have created in the PSS.	-	MONITOR, SEC

Table 4.114: Requirements for viewing a performance monitoring report.

4.6.5.3   REQ-06-05-03-View_All_Performance_Monitoring_Report

Req. ID	Description	Comment / Understanding	Category
PSI-06-05-03-01	The interface shall allow a party to retrieve all performance monitoring reports that are applicable to them in a PSS.	-	MONITOR
PSI-06-05-03-02	The interface shall allow a party to retrieve filter performance monitoring reports they want to receive.	-	MONITOR

Table 4.115: Requirements for viewing all performance monitoring reports.

4.6.6   REQ-06-06-Alarm_Management

4.6.6.1   REQ-06-06-01-View_Alarm

Req. ID	Description	Comment / Understanding	Category
PSI-06-06-01-01	The interface shall allow a party to retrieve an alarm from a PSS.	-	MONITOR
PSI-06-06-01-02	The interface shall allow a party to control read access to an alarm they have created in the PSS.	-	MONITOR, SEC

Table 4.116: Requirements for viewing an alarm.

4.6.6.2   REQ-06-06-02-View_All_Alarm

Req. ID	Description	Comment / Understanding	Category
PSI-06-06-02-01	The interface shall allow a party to retrieve all alarms that are applicable to them in a PSS.	-	MONITOR

Table 4.117: Requirements for viewing all alarms.

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