Requirements specification

Thermo surveillance system (TTS)

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# Actors

## Primary actors

### Client, Administrator, Reading station

# Use cases

## Initialize system

### Goal

### Level

### Initialization

### Primary actor

### Frequency

### References

### Start conditions

### End result at success

### End result at exception

### Sun shine scenario

### Exceptions

## Save data

### Goal

Reading station data is stored.

### Level

User goal.

### Initialization

Reading station has new data.

### Primary actor

Reading station: New data is ready and must be saved.

### Frequency

The frequency selected by the administrator.

### References

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### Start conditions

The use case Initialize system has been successfully completed.

### End result at success

Data has been saved.

### End result at exception

Error notification has been logged.

### Sun shine scenario

1. Reading station send data to SUD.
2. SUD receives and verifies data.
3. SUD saves data.

### Exceptions

TBD.

## Survey stations

### Goal

Retrieve saved reading station data.

### Level

User goal.

### Initialization

Client: want to survey reading stations.

### Primary actor

Client: want to survey reading stations.

### Frequency

Periodically.

### References

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### Start conditions

Use case *Initialize system* has been successfully completed.

PSP has connected.

### End result at success

Requested data has been sent to client.

### End result at exception

Client has received an error notification.

Error notification has been logged.

### Sun shine scenario

1. Requested data is sent from SUD to client.

### Exceptions

TBD.

## Setup station

### Goal

SAP configures reading station.

### Level

User goal.

### Initialization

Admin: wants to setup stations.

### Primary actor

Admin: wants to setup stations.

### Frequency

Periodically.

### References

-

### Start conditions

Use case *Initialize system* has been successfully completed.

SAP has connected.

### End result at success

Admin has configured reading station.

### End result at exception

Error notification has been logged.

### Sun shine scenario

1. Admin configures reading station.

### Exceptions

TBD.

## Manage users

### Goal

Admin wants to manage users.

### Level

User goal.

### Initialization

Admin: wants to manage users.

### Primary actor

Admin: wants to manage users.

### Frequency

Periodically.

### References

-

### Start conditions

Use case *Initialize system* has been successfully completed.

SAP has connected.

### End result at success

Admin has managed users.

### End result at exception

Error notification has been logged.

### Sun shine scenario

TBD.

### Exceptions

TBD.