



Trial 4: Solution coordination

Teleconference

15/01/2019

Minutes (as of 16/01/2019)

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# General information

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| **Name of the meeting** | Trial 4: Solution coordination |
| **Type of meeting** | Teleconference |
| **Meeting date** | 15/01/2019 |
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| **Related Task (if applicable)** | T946.5 |
| **Authoring Partner Organisation** | DLR |
| **Author of the document** | Gunnar Schwoch, DLR |

# Objectives of the meeting

The objectives of the sessions are:

* Solution coordination kick-off with internal and external solution providers, roadmap towards Trial NL

# Participants

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Organisation short name** | **Country** | **Attending** |
| Angela Schmitt | DLR | Germany |  |
| Carsten Dalaff | DLR | Germany |  |
| Christian Niermann | DLR | Germany |  |
| Elisa Schröter | DLR | Germany |  |
| Eric Neidhardt | DLR | Germany |  |
| Gunnar Schwoch | DLR | Germany |  |
| Konstanze Lechner | DLR | Germany |  |
| Ralph Kiefl | DLR | Germany |  |
| Sandra Bähr | DLR | Germany |  |
| Ludwig Kastner | Frequentis | Austria |  |
| Cor-Jan Vermeulen | HKV | Netherlands |  |
| Ruud van den Beukel | Merlin Software B.V. | Netherlands |  |
| Govert ter Mors | Nelen & Schuurmans | Netherlands |  |
| Joost van der Hammen | Nelen & Schuurmans | Netherlands |  |
| Eelco Naarding | SIM-CI | Netherlands |  |
| Martijn Stroeven | SIM-CI | Netherlands |  |
| Maudy Mulder | SIM-CI | Netherlands |  |
| André de Rond | SRH | Netherlands |  |
| Régis Flohr | SRH | Netherlands |  |
| Erwin Rouwenhorst | THG | Netherlands |  |
| Shahid Suddle | THG | Netherlands |  |
| Erik Vullings | TNO | Netherlands |  |
| Adam Widera | WWU | Germany |  |
| Michael Middelhoff | WWU | Germany |  |
| Martijn Hendriks | XVR | Netherlands |  |
| Steven van Campen | XVR | Netherlands |  |

# Agenda

|  |  |  |
| --- | --- | --- |
| **Time** | **Item** | **Lead** |
| **14:00-15:00** | * General idea of this weekly telco * SRH (Shahid): Current status of scenario * SRH/external providers: Discuss whether feature list of external solutions required.   + What can the external solutions offer?   + What is needed/requested by practitioners? * XVR (Tinus): Technical integration status, updates   + Test-bed update regarding security   + GeoTIFF -> GeoJSON converter   + Current progress coupling to the test-bed? * HKV (Cor-Jan): Evaluation aspects (regarding solutions) * XVR/DLR (Steven/Elisa): Agenda for Dry run 1 (set of test-cases for day 2) * Any other business | DLR |

# Meeting minutes

## General idea of this weekly telco (DLR)

Gunnar gives an introduction to the purpose of this telephone conference: Getting every solution provider on the same (virtual) table, identifying issues early, and creating roadmap towards Trial NL.

## Current status of scenario (SRH)

SRH was not present. No objections exist from practitioners so far (as of December’s practitioners’ meeting). The next practitioners’ meeting in January will go into more detail, and outcomes will be discussed in the next telco.

## Discuss whether feature list of solutions required (SRH/all)

It is still to discuss whether SRH wants to have a feature list to check.

Steven proposes that the feature list should be documented for evaluation purposes. We need to take the step “this we can do” 🡪 “this we will do”.

Tinus proposes to use the use-case presentation from TIM as a basis (related to Action Centers) and to specify them further for scenario details.

Current status from solutions regarding feature lists:

* 3Di: Feature list provided.
* SIM-CI (Gunnar on behalf of SIM-CI): Updated feature list sent by Sim-CI, no open questions.
* CrisisSuite: Showcases in tomorrow’s meeting/presentation sufficient, no feature list needed.
* HumLog: Request to provide update on that topic, HumLog questions could be clarified via email with SRH.
* DLR: Feature list sent, no feedback from SRH.

Elisa explains the initial idea behind the request from Gaby to provide feature list to SRH: Some solution provided optional features, it was not decided about these during TIM. It was asked for clarification to further define preparation activities.

Cor-Jan mentions that use cases are a better basis for evaluation purposes. Use Cases presentation from TIM is a good basis for that. Data can be exemplary for DR1.

**Action 1: XVR to detail use-cases: They should be related to the Action Centers and scenario details**

Gunnar summarizes the proposed process: Instead of creating feature lists per solution, we start with use-cases and see if everything is covered. A list should be the outcome, stating what each solution will do at what Action Center and time.

**Action 2: Ruud/Erwin/André: Inform SRH about process (use-cases -> features covered by who) and communicate outcomes of tomorrow’s practitioners’ meeting.**

## Technical integration status, updates (XVR)

Tinus gives details on a Test-bed update: security update is about to be finalized, every solution gets a certificate to work with (to showcase that they are authorized users of Test-bed). The update is in a final testing state.

Large data are currently stored at 3Di side. Gunnar (on behalf of Eric) reports that large file messaging is not yet available, which blocks further DLR development. Tinus reports that it is being worked on. Also, the names of topics will be fixed by XVR soon.

3Di will implement the required geoTIFF to geoJSON converter.

* What is needed from that converter?
* Example geoTIFF will be sent by 3Di/Govert

Current status from all solutions:

* CrisisSuite:
  + Need: help to implement latest version of REST adapter from FRQ.

**Action 3: Thomas to contact Ruud about implementation of the latest REST-adapter and connecting to the online Trial4 Test-bed. Ludwig will nudge Thomas.**

* + Need: example message from 3Di
  + Need: example geoJSON of LCMS plot (point/line/poly)
  + Need: Example CAP message from SIM-CI in WGS84 (not Rijksdriehoek) coordinates

**Action 4: TNO to distribute a representative LCMS plot mask geoJSON example. Erik knows about it.**

**Action 5: SIM-CI to distribute a representative CAP message example (using WGS84 coordinate system!). Tinus will contact Martijn Stroeven about it.**

**Action 6: Tinus to contact SIM-CI to discuss coordinate conversion.**

* WWU:
  + JAVA adaptor was selected, HumLog sends/receives, but CAP messages with own schemas/topics are used for testing purposes
  + Content level is still open
  + Connection to DLR is not via Test-bed
* DLR-KeepOperational:
  + Docker version created from KeepOp sent to XVR+WWU, example of java library sent to WWU
  + Continued to work on webportal > tailored to Trial needs
  + Current work to adapt to display floodmasks via geoJSON
* DLR-ZKI:
  + Ralph on holiday until Thursday / update expected in telco next week
  + Example flood mask from 3Di of actual flood > geoTIFF already sent, geoJSON will follow this week
  + Content for map products > tbd with SRH
* 3Di:
  + Technical personnel will start technical integration this week
  + Adaptor decision not yet made
* LCMS:
  + Question to 3Di: Water level/depth for river? (e.g. issue with bridges)
    - Govert will clarify this, bridges are not considered yet but 3Di will pick this up

**Action 7: 3Di to provide water depth specification and to distribute a representative flood mask GeoJSON example (also requested by DLR). Govert knows about it.**

* + WMS needed? XVR will check use cases with CrisisSuite, e.g. use WMS to display water depth in LCMS > predictions should be available if possible (tbd. if WMS or geoJSON)
  + LCMS could be configured to listen to specific WMS
* SIM-CI:
  + Not present

**Action 8: Tinus to ask for SIM-CI update on integration to test-bed.**

## Evaluation aspects (regarding solutions) (HKV)

Cor-Jan reports that the ccoordinator role and, most urgently, the budget for this role is still under discussion (organizational aspects, no progress until decision is made).

The measuring performed in trials will be defined next week.

## Agenda for Dry run 1 (XVR/DLR/all)

Elisa says that the Agenda is still under development and will be sent to everyone once finalized. Ludwig asks if a remote participation is possible.

**Action 9: Elisa to check whether a remote connection during DR1 can be set up (via Joanna?).**

Test cases for day 2 should be defined. First, use cases per Action Center should be defined, and then test cases per solution can be derived. Everyone available (3Di, DLR, WWU) agrees.

**Action 10: XVR to come back to every** **solution provider to define test cases for day 2 on DR1.**

## Any other business (all)

Informed consent form is missing from Nelen & Schuurmans.

**Action 11: 3Di to provide ICF or discuss hesitation reasons with DLR/Trial lead.**

A general issue is that external solution providers cannot have access to CoW/TAP. D+ consortium members have to provide them with individual documents/excerpts. Can we send current status to solution providers with a disclaimer? 3Di mentions that access to TAP would be useful.

**Action 12:** **Everyone: Find a good way to have access to documents/information.**

Erik provided a GIT-Hub document page, which would result in duplicates that need to be managed.

**Action 13: XVR** **to distribute the access to this page to everyone.**

Elisa asks about the goals and structure of the remote test week before DR1. XVR will give the opportunity to connect to an online test-bed at request and try out different things. The result should be a “red/green light” for DR1. Fixing upcoming connection issues before DR1 allows focusing on other things at DR1.

**Every SP is encouraged to participate and take the opportunity.**

## Closure

The meeting was closed at 15:20 CET.

# Upcoming meetings

The next telco will be held on Monday, 21st January 2019, 14:00 to 15:00 CET.

# Table of Actions

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[**Action 2: Ruud/Erwin/André: Inform SRH about process (use-cases -> features covered by who) and communicate outcomes of tomorrow’s practitioners’ meeting.** 6](#_Toc535401983)

[**Action 3: Thomas to contact Ruud about implementation of the latest REST-adapter and connecting to the online Trial4 Test-bed. Ludwig will nudge Thomas.** 7](#_Toc535401984)

[**Action 4: TNO to distribute a representative LCMS plot mask geoJSON example. Erik knows about it.** 7](#_Toc535401985)

[**Action 5: SIM-CI to distribute a representative CAP message example (using WGS84 coordinate system!). Tinus will contact Martijn Stroeven about it.** 7](#_Toc535401986)

[**Action 6: Tinus to contact SIM-CI to discuss coordinate conversion.** 7](#_Toc535401987)

[**Action 7: 3Di to provide water depth specification and to distribute a representative flood mask GeoJSON example (also requested by DLR). Govert knows about it.** 7](#_Toc535401988)

[**Action 8: Tinus to ask for SIM-CI update on integration to test-bed.** 7](#_Toc535401989)

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[**Action 12:** **Everyone: Find a good way to have access to documents/information.** 8](#_Toc535401993)

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# Table of Decisions

**Es konnten keine Einträge für ein Abbildungsverzeichnis gefunden werden.**