# Meeting Mapping Via Appia

## Date: 10 March 2014 Location: NLeSC

## Chairman: Note taker: Milena

## Attendees: Rens de Hond , Maurice de Kleijn , Maarten van Meersbergen, Stefan Verhoeven, Milena Ivanova, Oscar Martinez Rubi

## Absent:

# Agenda

1. Results from technical consultation with UTwente and TU Delft (Oscar)
2. System architecture (all)
3. PID (all)

# Minutes

1. Oscar presented results of the consultations with TU Delft and U Twente.

The point cloud alignment task seems to be tricky to automate. In any case it is useful to have a visualization tool that allows for manual alignment, which can be developed by Maarten.

1. With respect to the software architecture there are at least 4 important criteria to be taken into account:
2. 3D visual tools
3. Extensibility
4. Connectivity to database
5. License / price

Most promising systems fulfilling the majority of those criteria are: ArcGIS, QGIS, and Bentley Map.

QGIS is open source but needs to be checked for 3D visualization capabilities.

With respect to the database solution PostgreSQL seems most suitable for the geo-spatial features and usage with various GIS.

1. We made pass over the PID document and discussed corrections to be made.

# Actions

20140310.1 Maurice/Rens Prepare next version of the PID document based on discussion

20140310.2 Maurice Organize board meeting, including set a doodle to pick a date

20140310.3 Maarten Check 3D visualization capabilities of QGIS

20140310.4 Stefan Set a Github project for sharing documentation and provide access for participating people

20140310.5 Milena/Stefan Check opportunities for using cloud resources at SURFsara

20140310.6 Rens Check opportunity for hosting of the server at Nijmegen(?)

20140310.7 Maurice/ Rens Check again that Via Appia data sets can be used for demonstration purposes