

WI-MoST

Wrapped Information – Mobile Sharing Tool

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Wi-MoST Motive

- EPISECC Prove of Concept
- Innovative group data sharing
- Object/Data model interoperability – Unified data format/structure – OASIS CAP format
- Aim at user requirements (top-down development approach). Reduce the gap between end-users requirements and implementation
- Rich content and applications
- Open source software (i.e.: Android, OpenStreet Maps, etc ...)
- Availability of commercial off-the-shelf handsets



Information Wrapping (1-2)

Group:

- Emergency Group

Titles:

- Responders
- Filed operators
- Officers in command
- Operational commanders
- Control Room operators
- Etc.

Geo fence:

- On field
- Control room
- Etc.

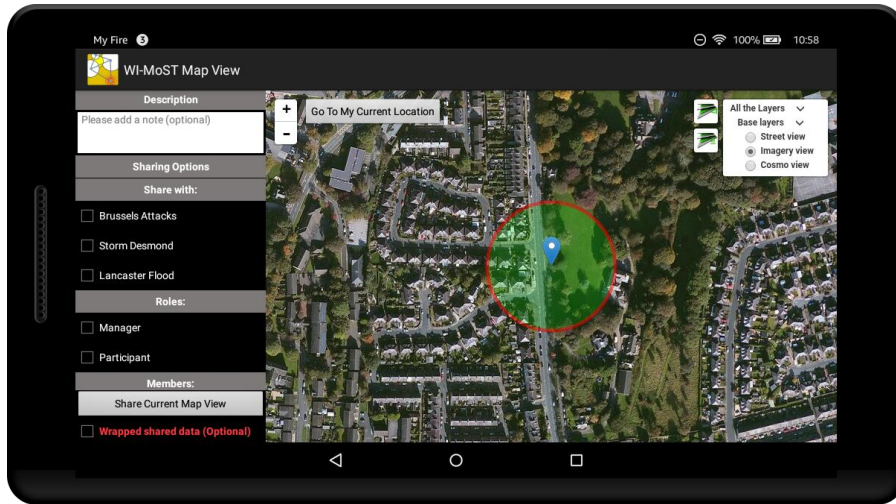
Team:

- CGOR mission
- European emergency-responders
- Medical emergency responders
- Italian FFA
- European FFA
- Emergency group
- Control group
- Etc.

Special Attributes:

- Life saving
- Extreme urgency
- Severe infrastructure risk

Information Wrapping (2-2)



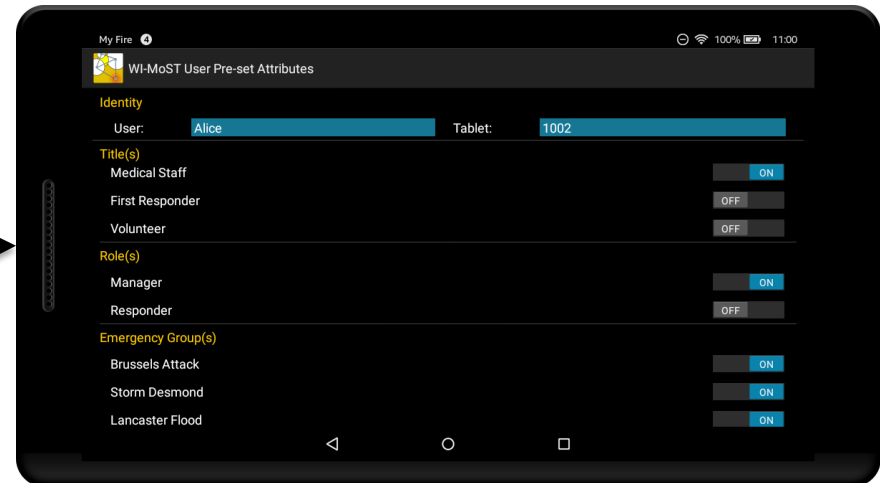
Sender:

- Select what information to share
- Attach the sharing policy



Received Message:

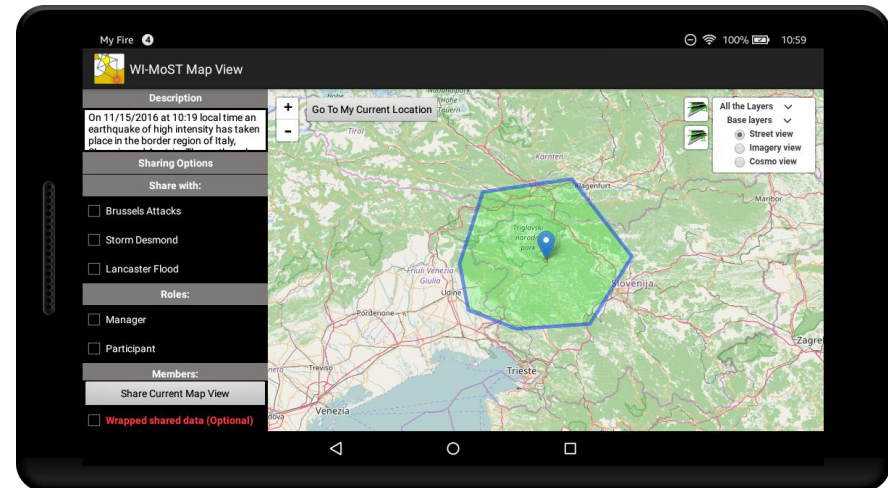
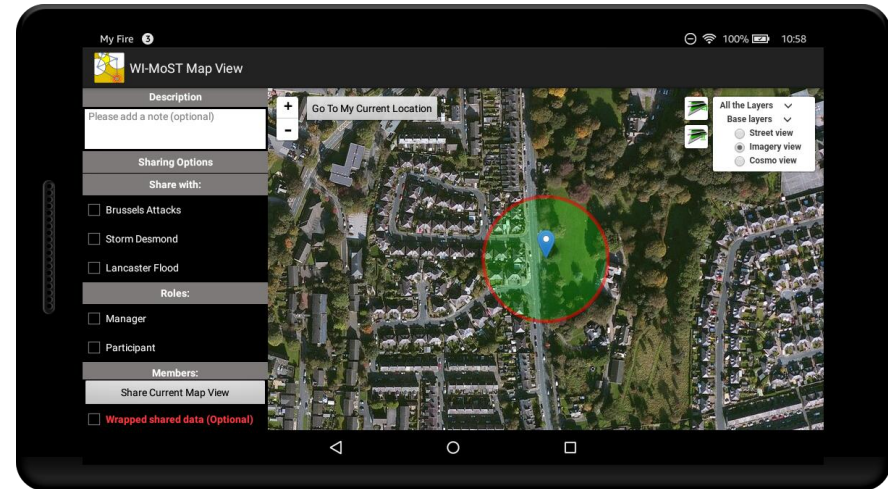
- Compare the attached sharing policy with the receiver's pre-set attributes
- Open if it matches



Wi-MoST Features

- Maps:

- Flexible map layouts views
- Descriptive area fence (i.e.: marker, circles or polygons) Share current location
- Share current view
- Share Point-of-Interest
- Plot polygons, circles and markers
- Add descriptive Message alongside
- Encrypted data sharing
- Information wrapping
- Short messages exchange



Thank you

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