



**IN-PREP**

# Plan, Train, Collaborate

Integrated Tools for Dynamic Scenario Building,  
Collaborative Response Planning & Training

International Workshop on Collaborative Practices and  
Technologies for Critical Infrastructure Resilience,



Friday, 2 October 2020

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 740627.

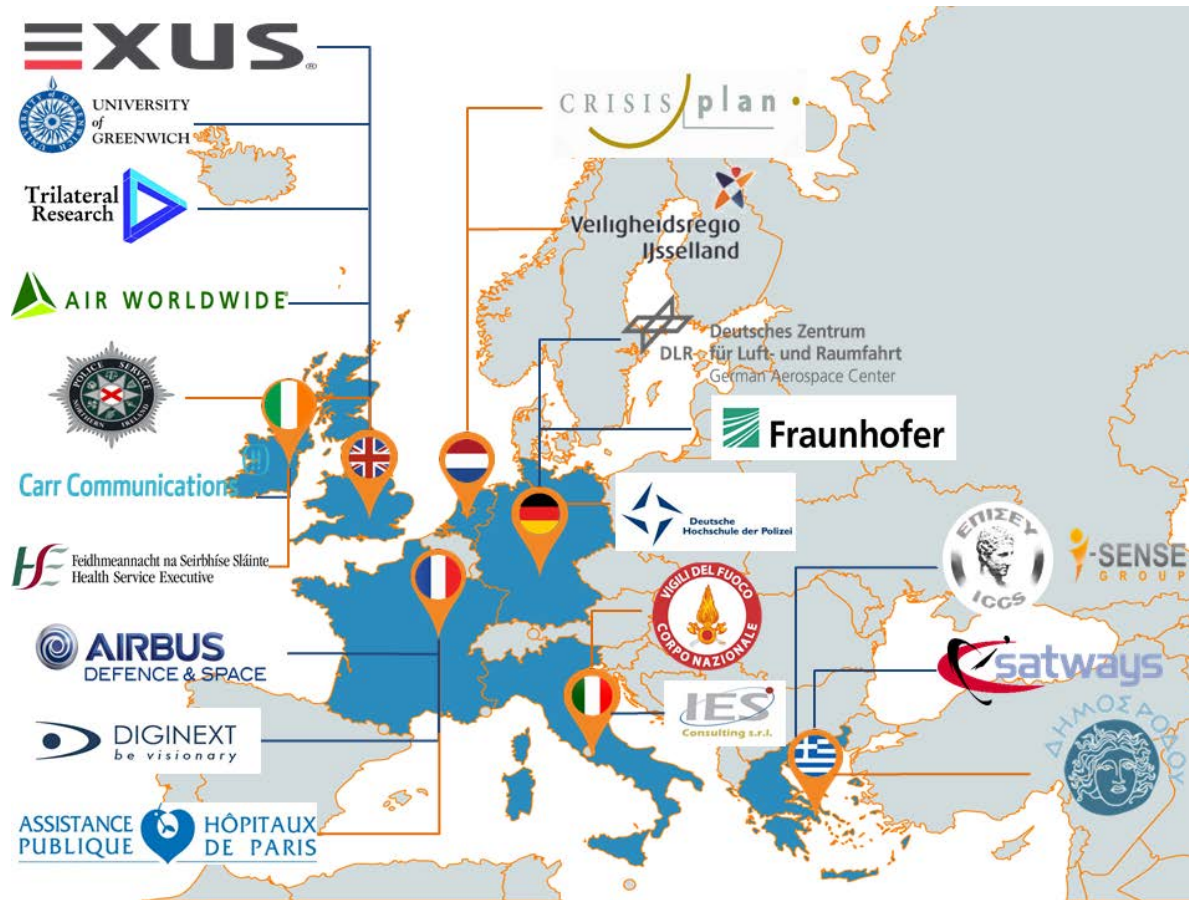


# Agenda of the Telco

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- 1 IN-PREP Facts & Figures and Challenges/Motivation
- 2 IN-PREP Objectives
- 3 IN-PREP Outcomes (Technology and Policy)
- 4 IN-PREP Implementation

# IN-PREP Fact & Figures



SEC-01-DRS-2016: *INTEGRATED TOOLS FOR RESPONSE PLANNING AND SCENARIO BUILDING (IA)*

TOTAL FUNDING: € 9,580,781.25

EC REQUESTED FUNDING: € 7,999,556.25

TRAINING PROGRAMME:

*3 TTXS & 3 FSXs*

CONSORTIUM: *20 PARTNERS FROM 7 MS (7 END USERS, 6 SMES AND 3 INDUSTRIES, 3 RTOS AND 1 UNI)*

# IN-PREP Impacts

---

- With IN-PREP, losses from natural, accidental and man-made disasters are reduced through better societal resilience and improved disaster risk management
  - improving the perception of disaster-related risks (*all-hazard approach*)
  - strengthening integrated disaster risk reduction approaches (*transboundary concept: cross-sector, cross-border, cross-agency, cross-hierarchy*)
  - technological tools and solutions to support practitioners in all operational phases (*prevention-preparedness-response-recovery*)

# IN-PREP Solution

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Overarching Goal: “is to upgrade collaborative response planning and training for transboundary disasters and causes of crises.”

- Dynamic Scenario Building
- Collaborative Response Training
- Collaborative Response Planning



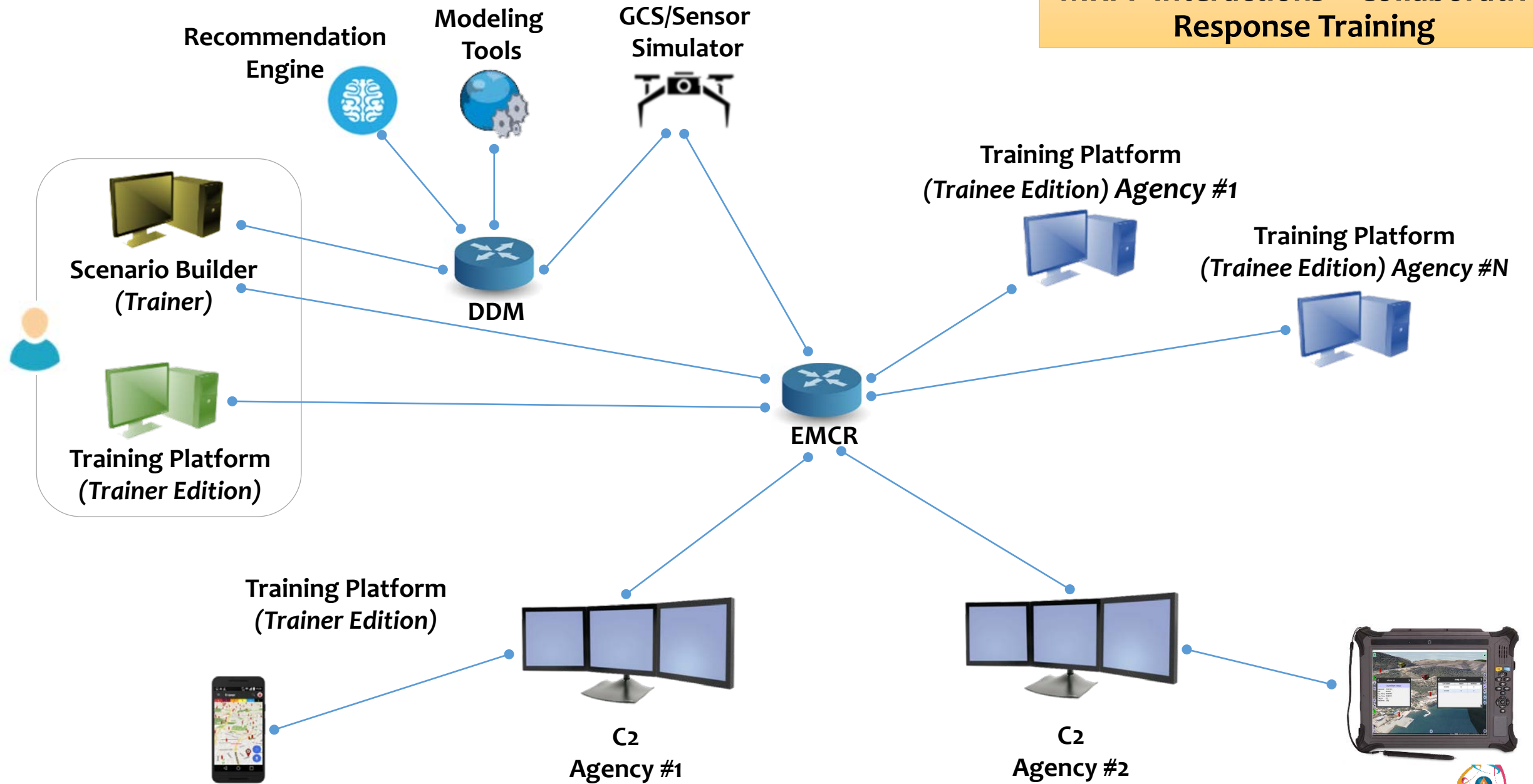
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## **MRPP Interactions**

### **Collaborative Response Training Mode**



# MRPP Interactions – Collaborative Response Training



Recommendation  
Engine



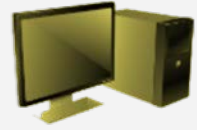
Modeling  
Tools



GCS/Sensor  
Simulator



Scenario Builder  
(Trainer)



Training Platform  
(Trainer Edition)



Training  
(Trainer Edition)



## Scenario Building

Incidents

Show Created Incidents ☒

[+ Add an Incident](#)

| Name  | Color                               |   |
|-------|-------------------------------------|---|
| Flood | <span style="color: blue;">■</span> | <a href="#">Edit</a> <a href="#">Delete</a> |

Scenario Items

Show Scenario Items ☒

[+ Add Event](#) [+ Add Time Between Events](#) [+ Add Data Source](#) [+ Add Info](#)

| Index | Type                | Description                                    | Incident                                  | Time - Date           |   |
|-------|---------------------|--|---|-----------------------|---|
| 1     | Time between events | 00:00:02                                       |   |                       | <a href="#">Edit</a> <a href="#">Delete</a> |
| 2     | Event               | P1 GRIP 1 ongeval water (soort: vrachtschip).  | <span style="color: blue;">■</span> Flood | 13:15:00 - 10-10-2019 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 3     | Time between events | 00:30:00                                       |   |                       | <a href="#">Edit</a> <a href="#">Delete</a> |
| 4     | Info                | MESSAGE  | GRIP 1: 04-ONGEVAL VRACHTSCHIP IJSSEL     | 13:45:00 - 10-10-2019 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 5     | Info                | MESSAGE  |   | 13:45:00 - 10-10-2019 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 6     | Time between events | 00:15:00                                       |   |                       | <a href="#">Edit</a> <a href="#">Delete</a> |
| 7     | Event               | P1 GRIP 2 opkomen Jan Ligthartstraat 9, Kampen | <span style="color: blue;">■</span> Flood | 14:00:00 - 10-10-2019 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 8     | Info                | MESSAGE  |   | 14:00:00 - 10-10-2019 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 9     | Data source         | FLOOD  | <span style="color: blue;">■</span> Flood |                       | <a href="#">Edit</a> <a href="#">Delete</a> |
| 10    | Time between events | 00:05:00                                       |   |                       | <a href="#">Edit</a> <a href="#">Delete</a> |

Created by EXUS 2019

Agency #1

Agency #2

Training Platform  
(Trainer Edition) Agency #N



IN-PREP



Recommendation Engine



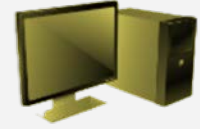
Modeling Tools



GCS/Sensor Simulator



Scenario Builder (Trainer)



Training Platform (Trainer Edition)



Training Platform (Trainer Edition)



## Scenario Building

Incidents

Show Created Incidents ☒

[+ Add an Incident](#)

| Name  | Color                               |   |
|-------|-------------------------------------|---|
| Flood | <span style="color: blue;">■</span> | <a href="#">Edit</a> <a href="#">Delete</a> |

Scenario Items

Show Scenario Items ☒

[+ Add Event](#) [+ Add Time Between Events](#) [+ Add Data Source](#) [+ Add Info](#)

| Index | Type                | Description                                    | Incident                                  | Time - Date           |   |
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| 3     | Time between events | 00:30:00                                       |   |                       | <a href="#">Edit</a> <a href="#">Delete</a> |
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| 8     | Info                | MESSAGE  |   | 14:00:00 - 10-10-2019 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 9     | Data source         | FLOOD  | <span style="color: blue;">■</span> Flood |                       | <a href="#">Edit</a> <a href="#">Delete</a> |
| 10    | Time between events | 00:05:00                                       |   |                       | <a href="#">Edit</a> <a href="#">Delete</a> |

Created by EXUS 2019

Agency #1

Agency #2

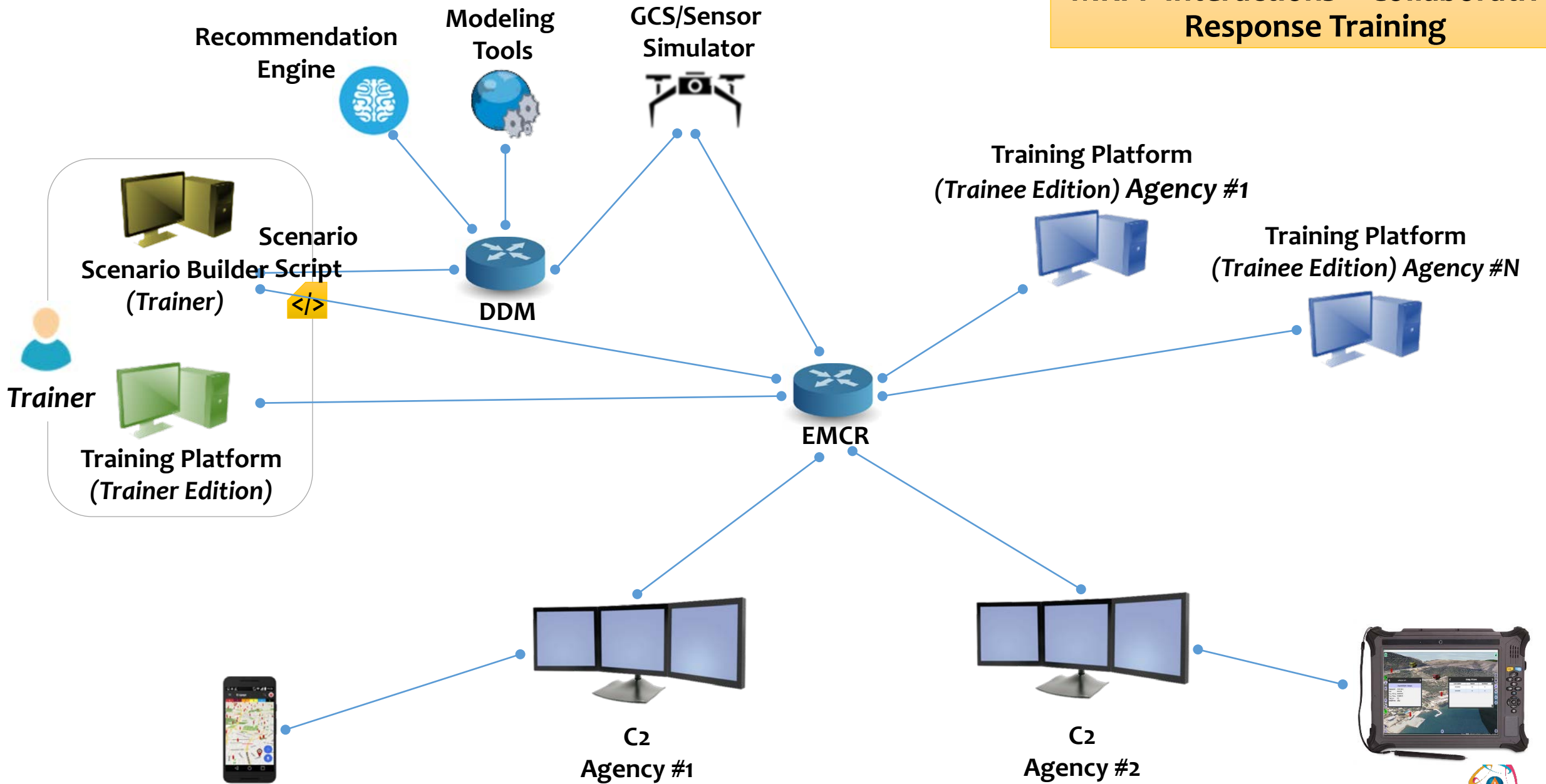
Training Platform (Trainer Edition) Agency #N



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**EXUS**  
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# MRPP Interactions – Collaborative Response Training



Recommendation  
Engine



Modeling  
Tools



GCS/Sensor  
Simulator



## Training Platform – Trainer Edition

Scenario Builder  
(Trainer)



Training Platform  
(Trainer Edition)



CRIMSON 5.0.0.8277 (Beta)

10:41  
22 octobre 2019

Map

Collaborative Records

Collaborative Records

| Common Facts |                |        |           |   |   |       |
|--------------|----------------|--------|-----------|---|---|-------|
| N°           | Creation date  | Status | Source    | Recipient   | Description   | Recap |
| 10           | 10/10 11:14:51 |        | meldkamer | hin geneeskundig<br>ac-geneeskundig<br>@geneeskundigezorg | Tot nu toe<br>zijn er 2<br>gewonden<br>naar Isala<br>vervoerd.<br>U kunt een<br>drone-missie<br>plannen om<br>beelden<br>vanuit een<br>drone te<br>ontvangen. |       |
| 9            | 10/10 11:14:44 |        | copi      | rot<br>@rot   | Schip<br>vervoerde<br>diesel,<br>onduidelijk of<br>er lekkage is.<br>Er zijn<br>gewonden,<br>deze worden<br>door<br>brandweer                                 |       |
| 8            | 10/10 11:14:37 |        | meldkamer | hin brandweer<br>ac-brandweer<br>@brandveezorg            |   |       |

Timeline

Scenario

Incidents

Fire

Explosion

Lat : 52.5509° | Lon : 5.9327° Elev 0.00 m

Scale: 1:33589

0 1143.75 m

8, trainer1 Event: 20191010 Connected

Agency #1

Agency #2

Training Platform  
(Trainer Edition) Agency #N



IN-PREP



Recommendation  
Engine

Modeling  
Tools

GCS/Sensor  
Simulator

Scenario Builder  
(Trainer)

Training Platform  
(Trainer Edition)

Trainer  
(Trainer Edition)

## Scenario Execution

Scenario Execution in progress

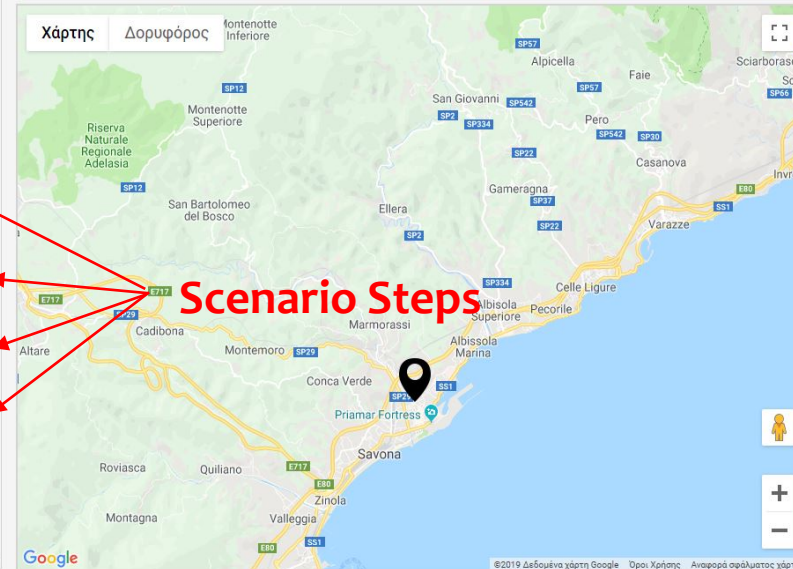
Started May 10, 2019 11:30:01 AM  
Scenario MM1  
Trainer Gordon James  
Trainees Todd Jason



Inject Event

Terminate

- #1 TIME-BETWEEN-EVENTS
- #2 Febbre Emorragica  
→Coast  
Guard,Police,CC -  
Carabinieri,VF-SV -  
Vigili del Fuoco  
Savona,VF-  
Liguria,VVF-COM  
(virtuale)  
→Italy  
00:00:02
- #3 TIME-BETWEEN-EVENTS
- #4 Info -  
MASS\_MEDIA
- #5 TIME-BETWEEN-EVENTS
- #6 Info -  
SOCIAL\_MEDIA
- #7 TIME-BETWEEN-EVENTS
- #8 Info -  
HOSPITALISATION



C2  
Agency #1

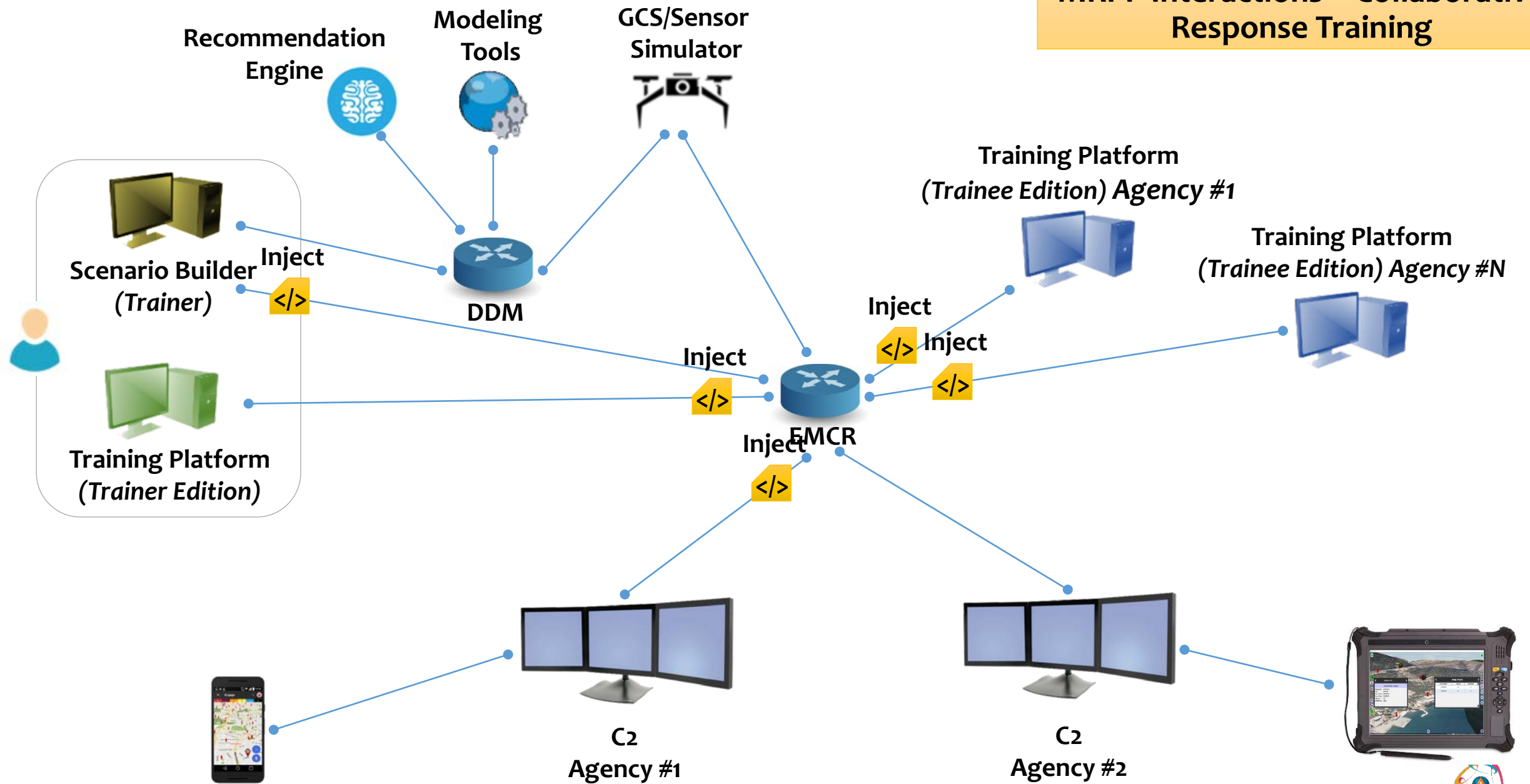
C2  
Agency #2

Training Platform  
(Trainer Edition) Agency #N

IN-PREP



# MRPP Interactions – Collaborative Response Training



Recommendation Engine

Modeling Tools

GCS/Sensor Simulator

Training (Trainee)

Scenario (Trainee)

| ID | Creation date  | Status | Source                    | Recipient   | Description  |
|----|----------------|--------|---------------------------|---|--|
| 63 | 10/10 14:00:52 | ✓      | communicatieadviseur copi | communicatieadviseur rot<br>communicatieadviseur gbt<br>@communicatie         | De Stentor publiceert online een artikel 'Niet alle inwoners van Kampen kunnen gered worden als de dijk breekt'. De onrust wordt daardoor nog groter, mensen verlaten in paniek het gebied waardoor chaos op de wegen ontstaat. Op social media wordt een vergelijking gemaakt met de watersnoodramp uit 1953.   |
| 62 | 10/10 14:00:39 | ✓      | copi                      | rot<br>@polteezorg<br>@bevolkingszorg   | De Theologische Universiteit organiseert een internationale conferentie deze dagen. In de St. Anna Kapel (Broederweg 10) zijn op dit moment 120 gasten aanwezig. Onder de gasten bevinden zich internationale studenten uit verschillende landen: Duitsland, België, Zuid-Afrika, Peru en Brazilië. Als voorzorgsmaatregel heeft de universiteit de conferentie beëindigd. Veel studenten lopen verdwaald rond en weten niet waar ze naartoe moeten. |
| 61 | 10/10 13:45:30 | ✓      | communicatieadviseur copi | communicatieadviseur rot<br>communicatieadviseur gbt<br>@communicatie<br>@rot | Er is veel paniek in de stad. Grote groepen mensen dreigen zichzelf te gaan evacueren en willen onmiddellijk het gebied verlaten. Veel vragen over waarom de gemeente helemaal niks doet en waarom de hulpdiensten niet zichtbaar zijn.  |
| 60 | 10/10 13:45:17 | ✓      | copi                      | rot<br>@rot   | De Theologische Universiteit organiseert een internationale conferentie deze dagen. In de St. Anna Kapel (Broederweg 10) zijn op dit moment 120 gasten aanwezig. Onder de gasten bevinden zich internationale studenten uit verschillende landen: Duitsland, België, Zuid-Afrika, Peru en Brazilië. Als voorzorgsmaatregel heeft de universiteit de conferentie beëindigd. Veel studenten lopen verdwaald rond en weten niet waar ze naartoe moeten. |
| 59 | 10/10 13:22:18 | ✓      | SBET                      |   | Modeling Tool Inject: IMPACT_ASSESSMENT_SIM_CI   |
| 58 | 10/10 13:22:11 | ✓      | SBET                      |   | Modeling Tool Inject: TELECOMMUNICATION_NETWORK  |
| 57 | 10/10 13:22:04 | ✓      | SBET                      | hin bevolkingszorg<br>ac-bevolkingszorg<br>@bevolkingszorg                    | Geruchten gaan dat de schipper dezelfde man is als die in 2013 op de Nieuwe Maas een ongeval heeft veroorzaakt waarbij twee mensen om het leven zijn gekomen. Hij zou het bewust gedaan hebben. Het  |

Trainee User Interface – Strategic Level

#1

Training Platform (Trainee Edition) Agency #N

Inject

</>

C2


Agency #1

C2

Agency #2



5.11.1. *Agave* "Agave"

A curved computer monitor with three distinct screen sections. The central section displays a yellow square icon containing the code symbols `</>`. The monitor is black with a stand and is positioned against a light blue background.



Recommendation  
Engine

Modeling  
Tools

GCS/Sensor  
Simulator

Scenario Builder  
(Trainer)

Training Platform  
(Trainer Edition)

Trainer  
(Trainer Edition)

C2  
Agency #1

C2  
Agency #2

Training Platform  
(Trainer Edition) Agency #N

IN-PREP

## Scenario Execution

Scenario Execution in progress

|          |                          |
|----------|--------------------------|
| Started  | May 10, 2019 11:30:01 AM |
| Scenario | MM1                      |
| Trainer  | Gordon James             |
| Trainees | Todd Jason               |

Inject Event  
Terminate

Χάρτης Δορυφόρος

**Scenario Step  
Execution of Modeling Tool**

#1 TIME-BETWEEN-EVENTS

#2 Febbre Emorragica  
→Coast  
Guard,Police,CC -  
Carabinieri,VF-SV -  
Vigili del Fuoco  
Savona,VF-  
Liguria,VVF-COM  
(virtuale)  
→Italy  
00:00:02

#3 TIME-BETWEEN-EVENTS

#4 Info -  
MASS\_MEDIA

#5 TIME-BETWEEN-EVENTS

#6 Info -  
SOCIAL\_MEDIA

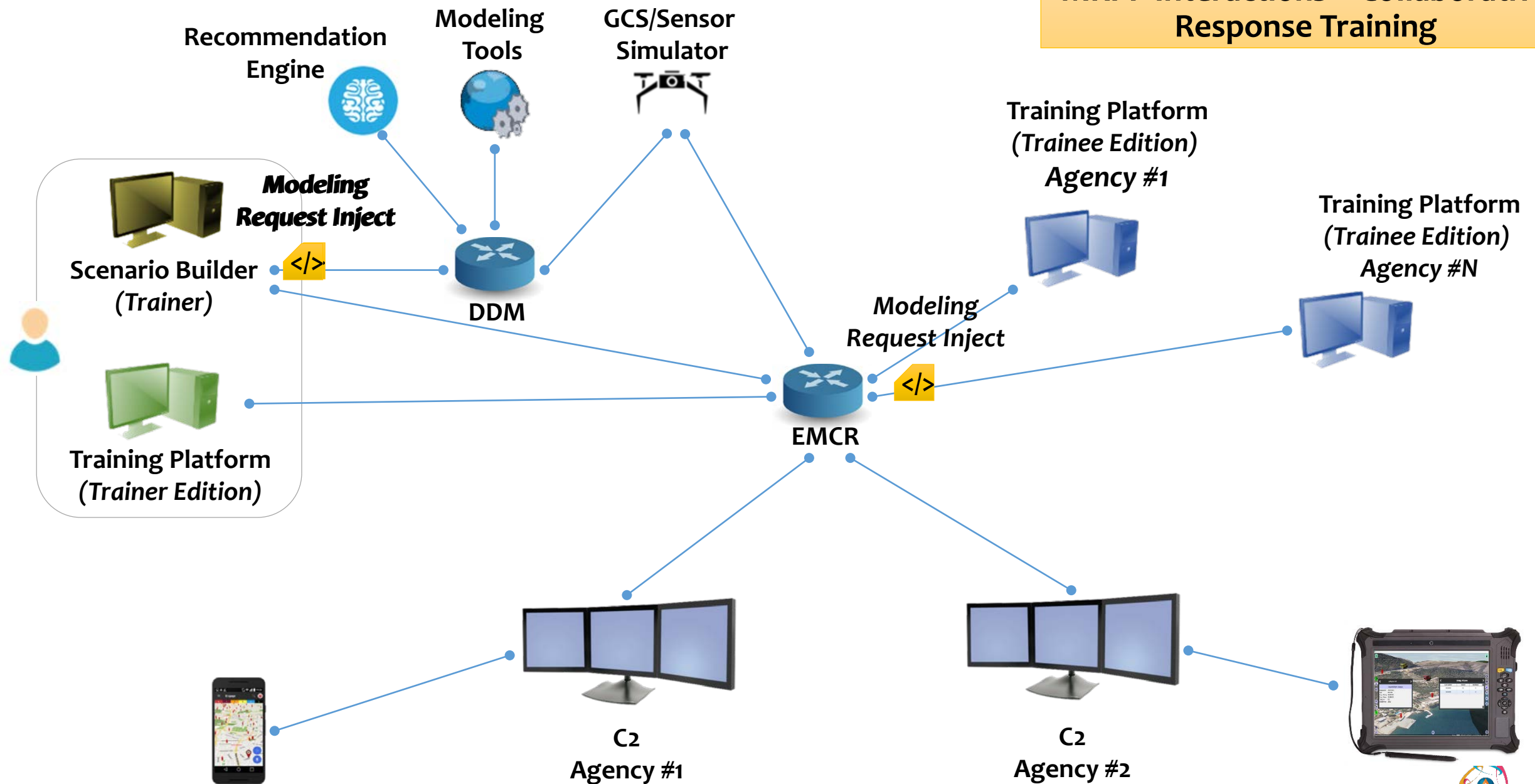
#7 TIME-BETWEEN-EVENTS

#8 Info -  
HOSPITALISATION

Google

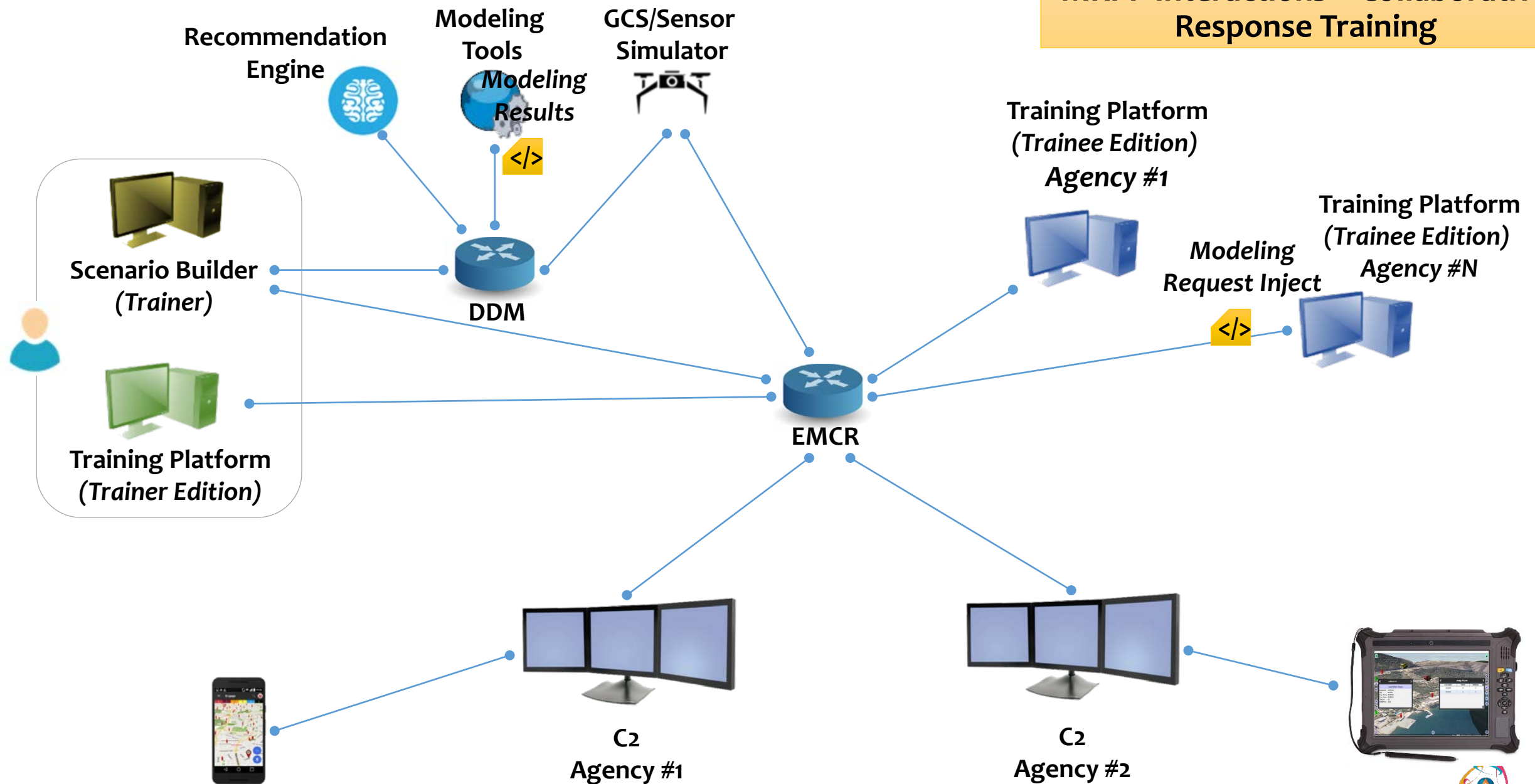
©2019 Δεδομένα χάρτη Google Όροι Χρήσης Αναφορά αναλυτικού χάρτη

# MRPP Interactions – Collaborative Response Training

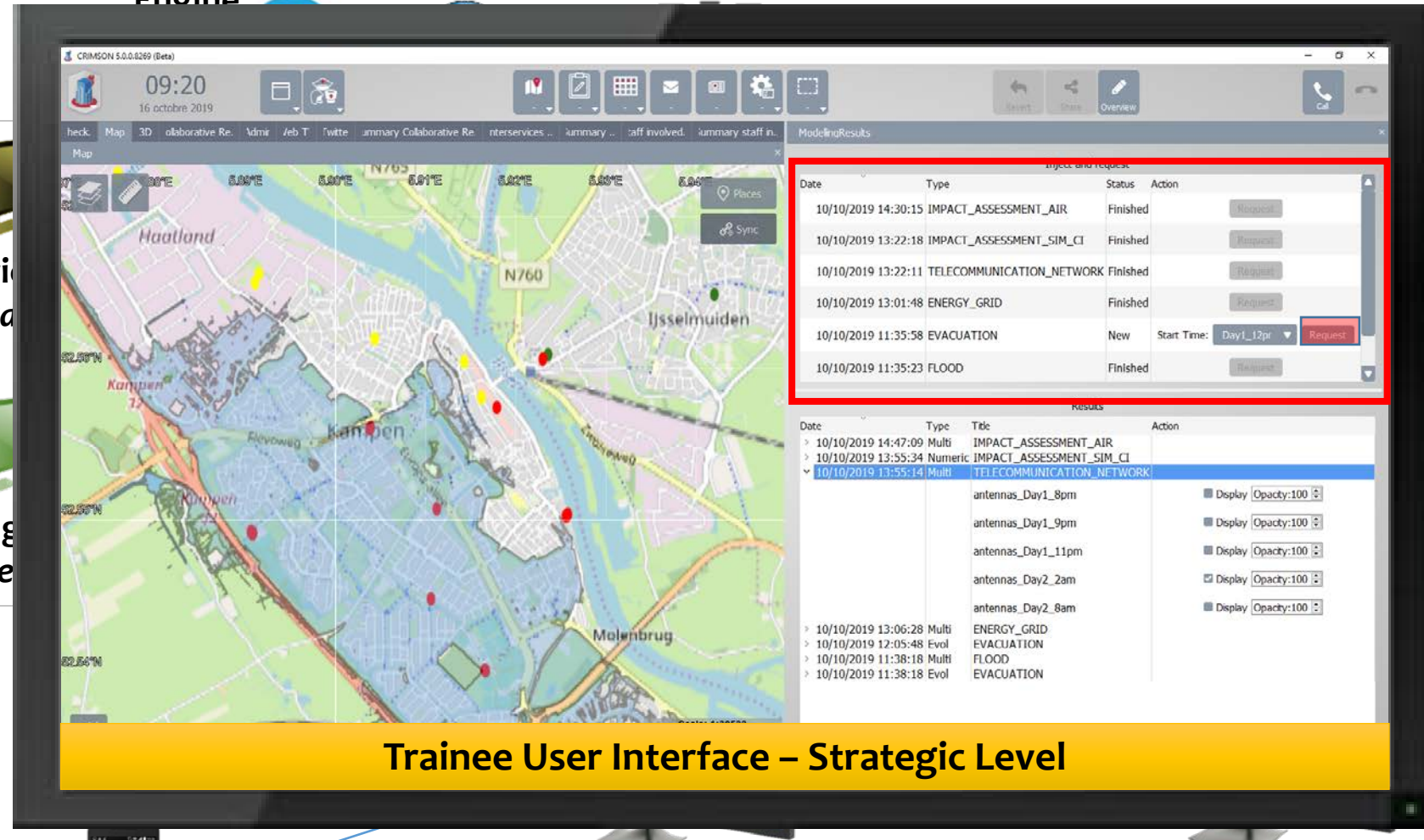




# MRPP Interactions – Collaborative Response Training



Recommendation Engine      Modeling Tools      GCS/Sensor Simulator



Trainee User Interface – Strategic Level

Training Platform (Trainee Edition)

Modeling Agency #N  
Request Inject

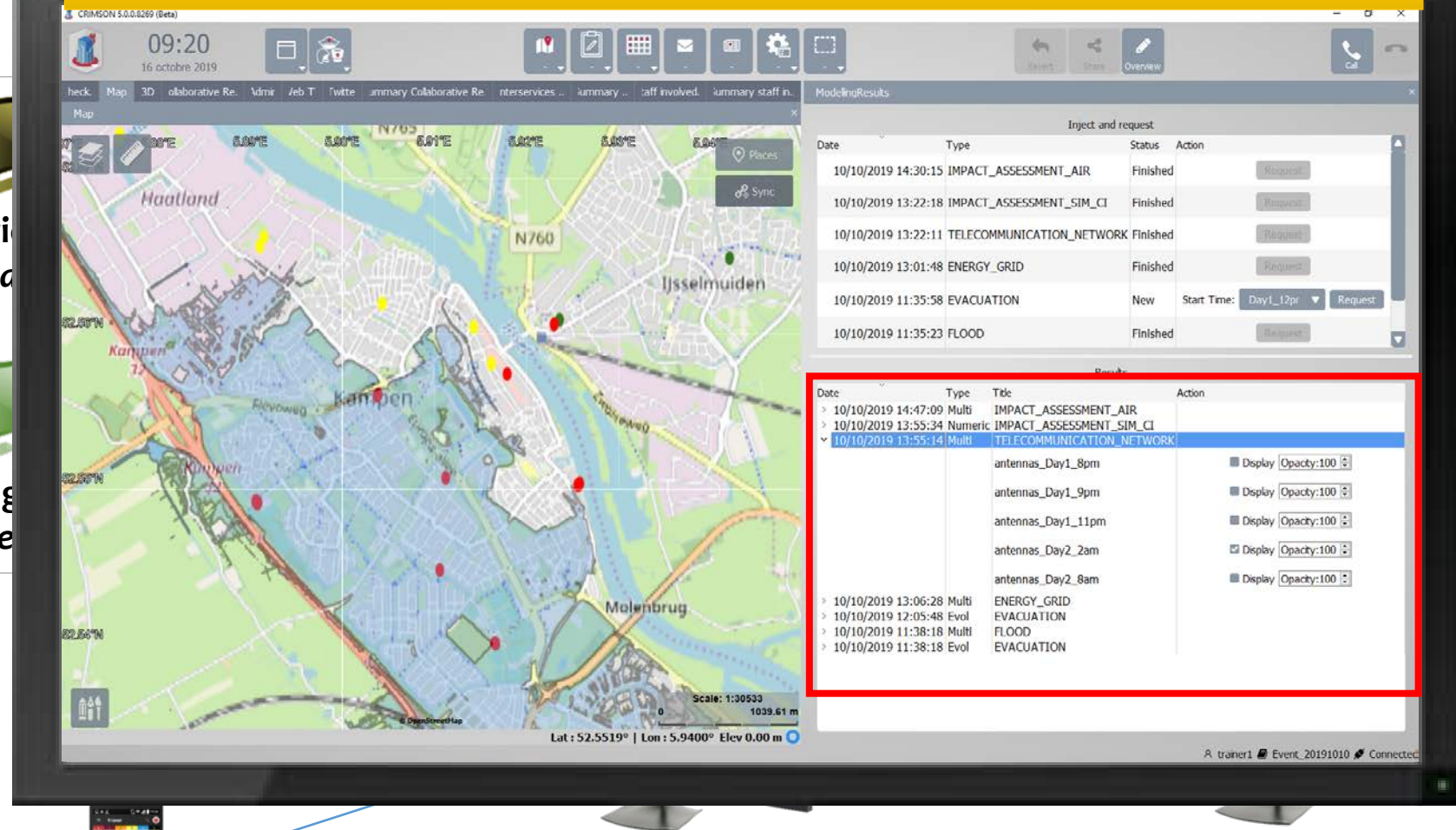


C2  
Agency #1

C2  
Agency #2

Modeling Tools  
GCS/Sensor Simulator

## Trainee User Interface – Strategic Level



Scenario  
(Trainee)

Training  
(Trainee)

Platform  
) Agency #1

Training Platform  
(Trainee Edition) Agency #N

C2  
Agency #1

C2  
Agency #2





Recommendation  
Engine

Modeling  
Tools

GCS/Sensor  
Simulator

Scenario Builder  
(Trainer)

Training Platform  
(Trainer Edition)

## Scenario Edit – Dynamic Scenario Building

Scenario Execution in progress

Started May 10, 2019 11:30:01 AM  
Scenario MM1  
Trainer Gordon James  
Trainees Todd Jason



Inject Event

Terminate

- Define Additional Steps
- Update step details

Training Platform  
(Trainer Edition) Agency #N

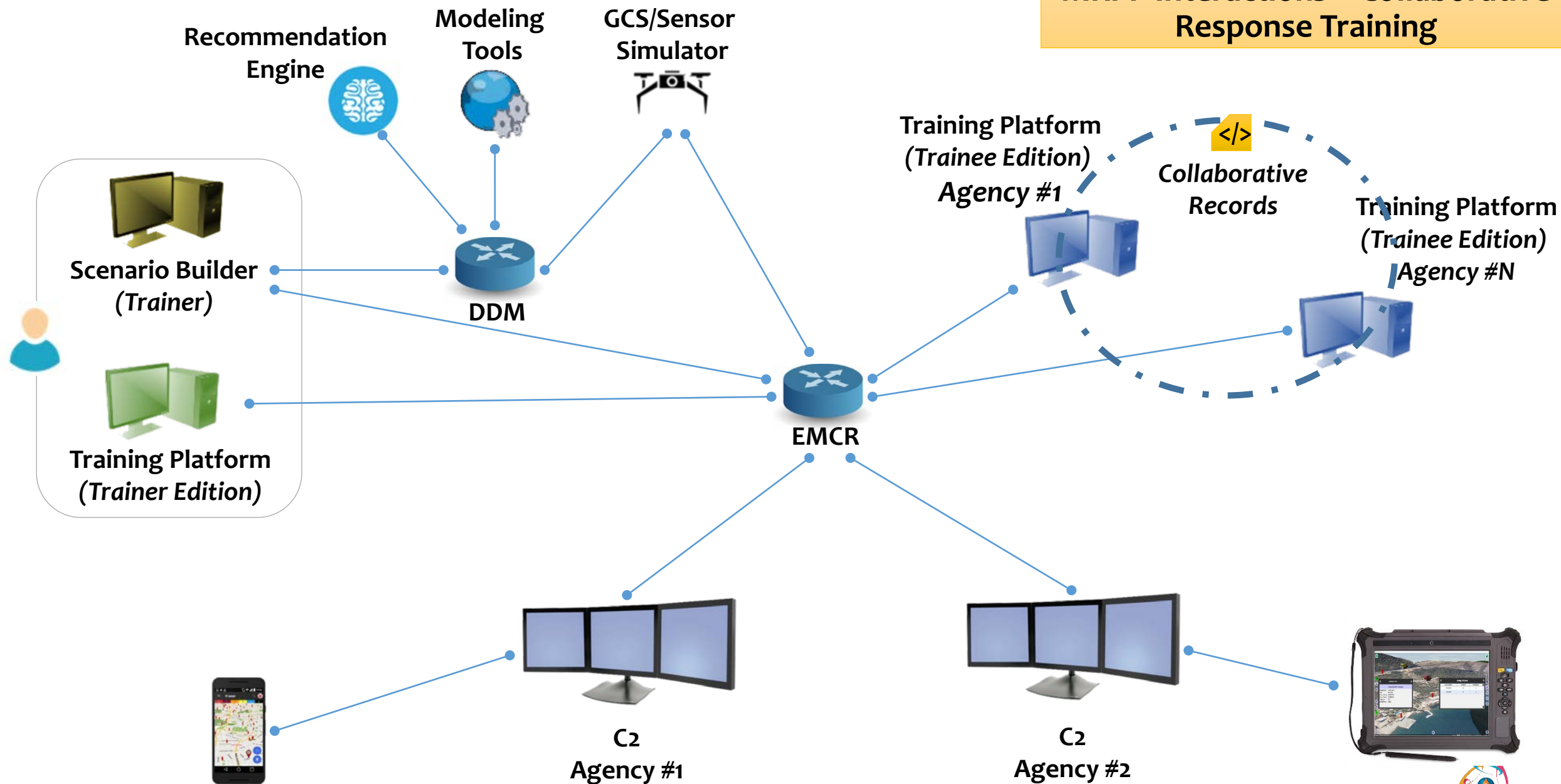
Training Platform  
(Trainer Edition)

C2  
Agency #1

C2  
Agency #2

IN-PREP

# MRPP Interactions – Collaborative Response Training





Recommendation

Modeling  
Tools

GCS/Sensor  
Simulator

## Trainee User Interface – Strategic Level

CRIMSON 5.0.0.8217 (Beta)

12:22  
22 octobre 2019

Map

Collaborative Records

Incidents

Common Facts

Trainer Log

RE

| N° | Creation date  | Status | Source                    | Recipient  | Description  |
|----|----------------|--------|---------------------------|--|--|
| 63 | 10/10 14:00:52 |        | communicatieadviseur copi | communicatieadviseur gbt @communicatie               | De Stentor publiceert online een artikel 'Niet alle inwoners van Kampen kunnen gered worden als de dijk breekt'. De onrust wordt daardoor nog groter, mensen verlaten in paniek het gebied waardoor chaos op de wegen ontstaat. Op social media wordt een vergelijking gemaakt met de watersnoodramp uit 1953.   |
| 62 | 10/10 14:00:39 |        | copi                      | rot @rot @polbezorg @bevolkingszorg                  | De Theologische Universiteit organiseert een internationale conferentie deze dagen. In de St. Anna Kapel (Broederweg 10) zijn op dit moment 120 gasten aanwezig. Onder de gasten bevinden zich internationale studenten uit verschillende landen: Duitsland, België, Zuid-Afrika, Peru en Brazilië. Als voorzorgsmaatregel heeft de universiteit de conferentie beëindigd. Veel studenten lopen verdwaald rond en weten niet waar ze naartoe moeten. |
| 61 | 10/10 13:45:30 |        | communicatieadviseur copi | communicatieadviseur gbt @communicatie @rot          | Er is veel paniek in de stad. Grote groepen mensen dreigen zichzelf te gaan evacueren en willen onmiddellijk het gebied verlaten. Veel vragen over waarom de gemeente helemaal niks doet en waarom de hulpdiensten niet zichtbaar zijn.  |
| 60 | 10/10 13:45:17 |        | copi                      | rot @rot   | De Theologische Universiteit organiseert een internationale conferentie deze dagen. In de St. Anna Kapel (Broederweg 10) zijn op dit moment 120 gasten aanwezig. Onder de gasten bevinden zich internationale studenten uit verschillende landen: Duitsland, België, Zuid-Afrika, Peru en Brazilië. Als voorzorgsmaatregel heeft de universiteit de conferentie beëindigd. Veel studenten lopen verdwaald rond en weten niet waar ze naartoe moeten. |
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| 58 | 10/10 13:22:11 |        | SBET                      |  | Modeling Tool Inject: TELECOMMUNICATION_NETWORK  |
| 57 | 10/10 13:22:04 |        | SBET                      | hin bevolkingszorg ac-bevolkingszorg @bevolkingszorg | Geruchten gaan dat de schipper dezelfde man is als die in 2013 op de Nieuwe Maas een ongeval heeft veroorzaakt waarbij twee mensen om het leven zijn gekomen. Hij zou het bewust gedaan hebben. Het gerucht gaat dat hij is zojuist in het ziekenhuis overleden. LTO meldt zich 'wat als geëvacueerd moet worden?' Er staat veel vee in de omgeving.   |

Scale: 1:49573  
1688.12 m

Lat : 52.5431° | Lon : 5.9397° Elev 0.00 m

© OpenStreetMap  
© Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AeroGRID, IGN, and the GIS User Community

trainer1 Event\_20191010 Connected

Scenario  
(Tra

Training  
(Traine

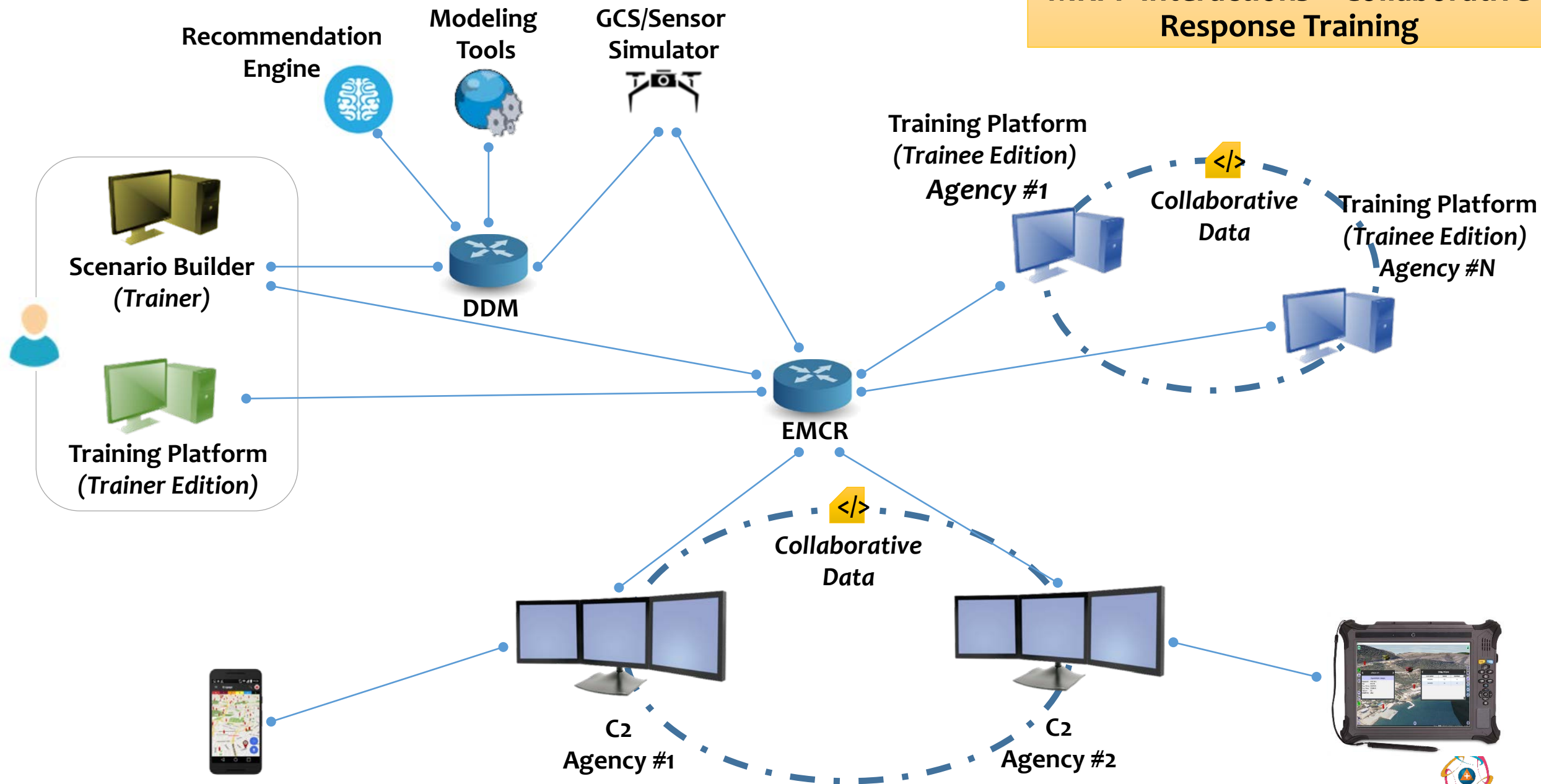
Collaborative  
Records

Training Platform  
(Trainee Edition)  
Agency #N

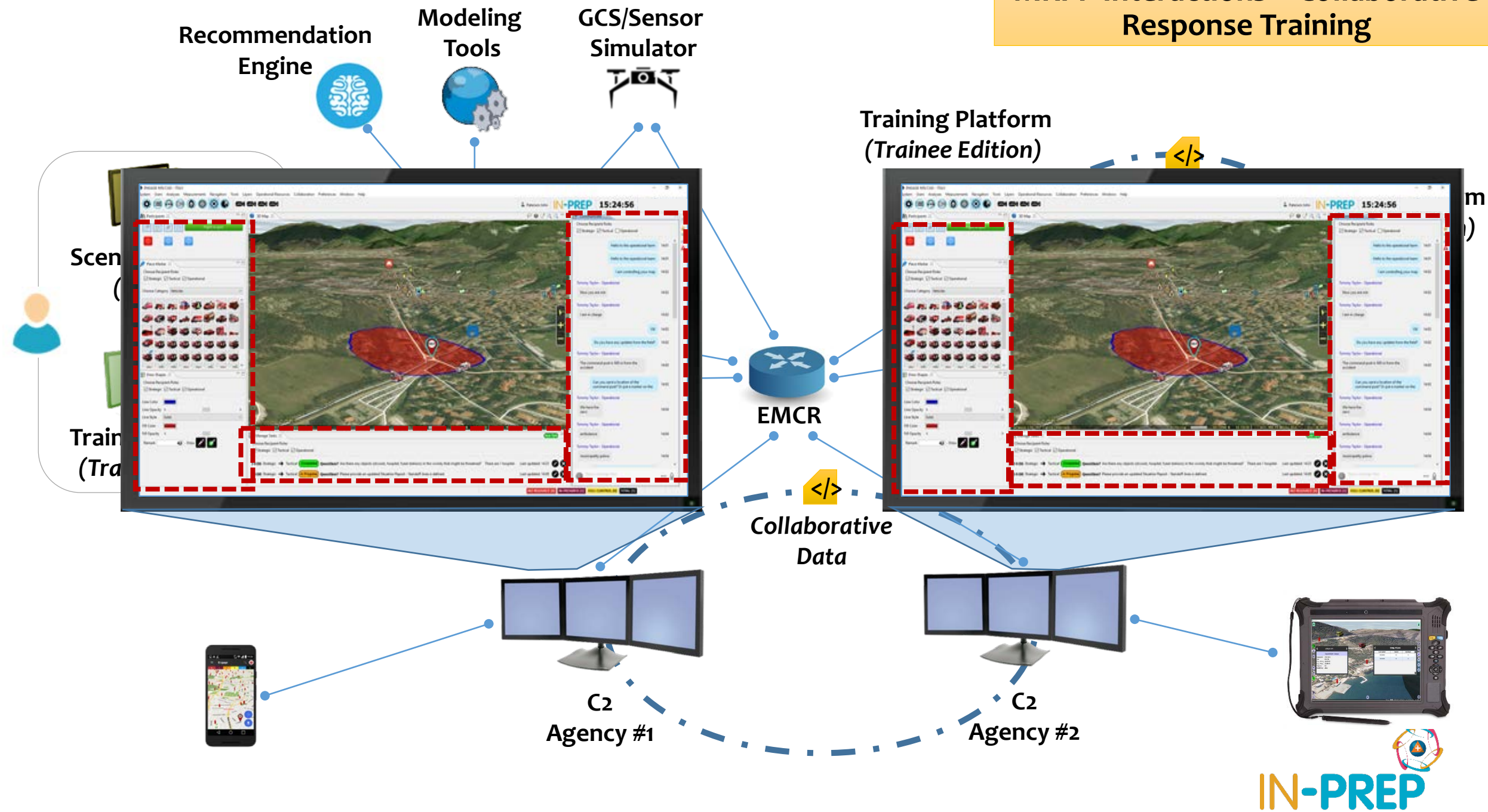
C2  
Agency #1

C2  
Agency #2

# MRPP Interactions – Collaborative Response Training



# MRPP Interactions – Collaborative Response Training





# MRPP Interactions – Collaborative Response Training

Recommendation Engine



Modeling Tools

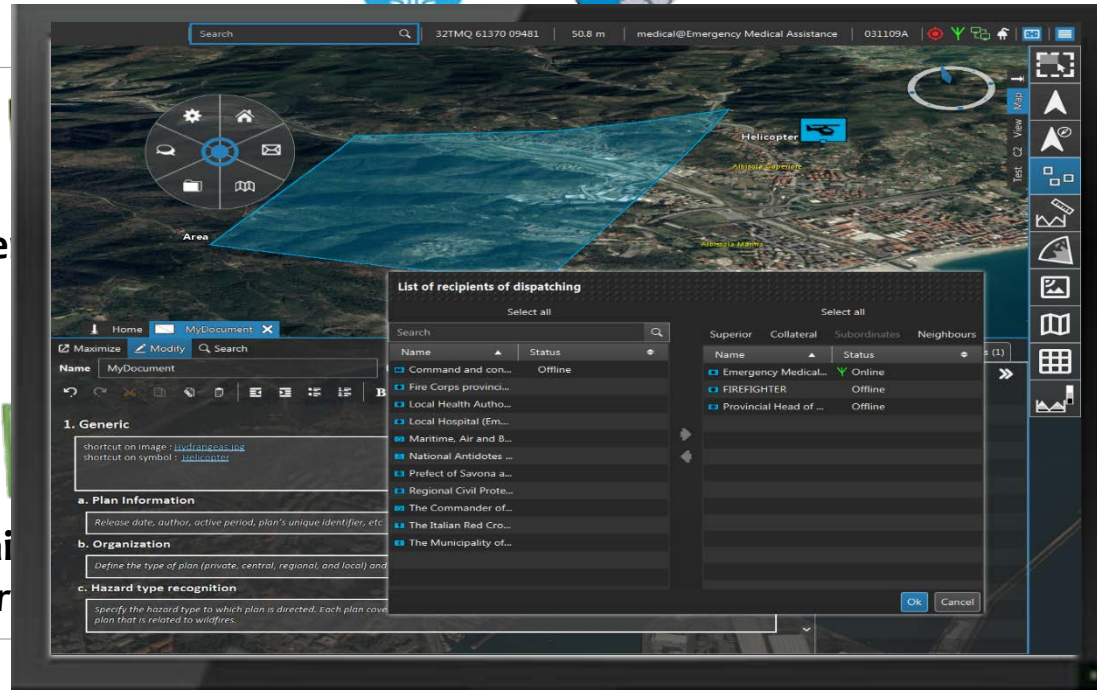


GCS/Sensor Simulator



Scenario

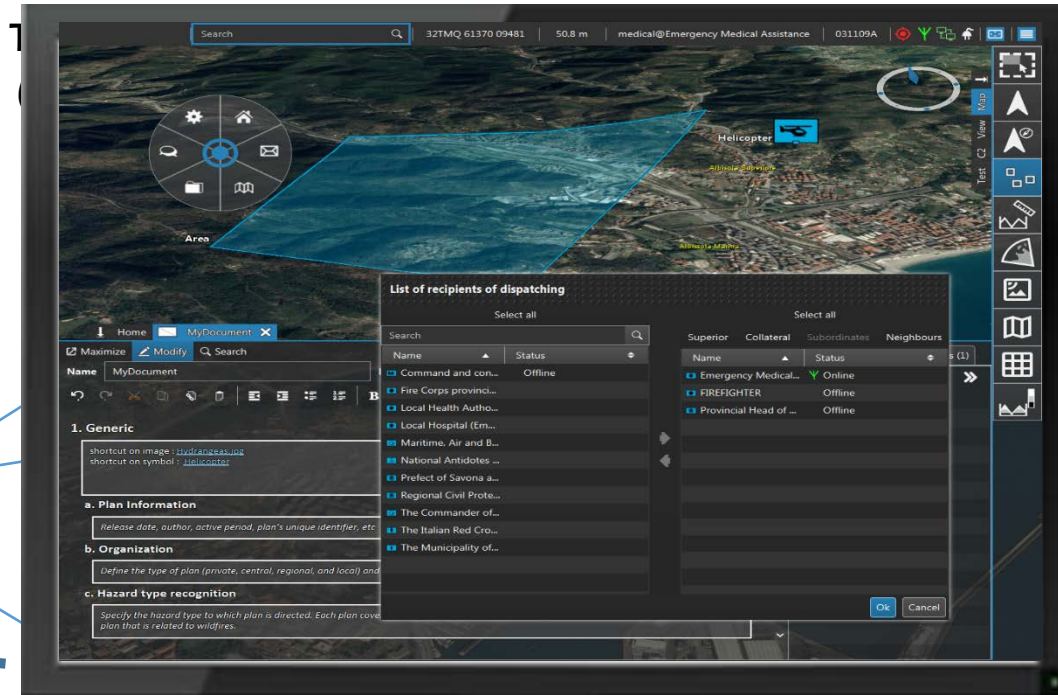
Training (Training)



MCR



Collaborative Data



C2  
Agency #1



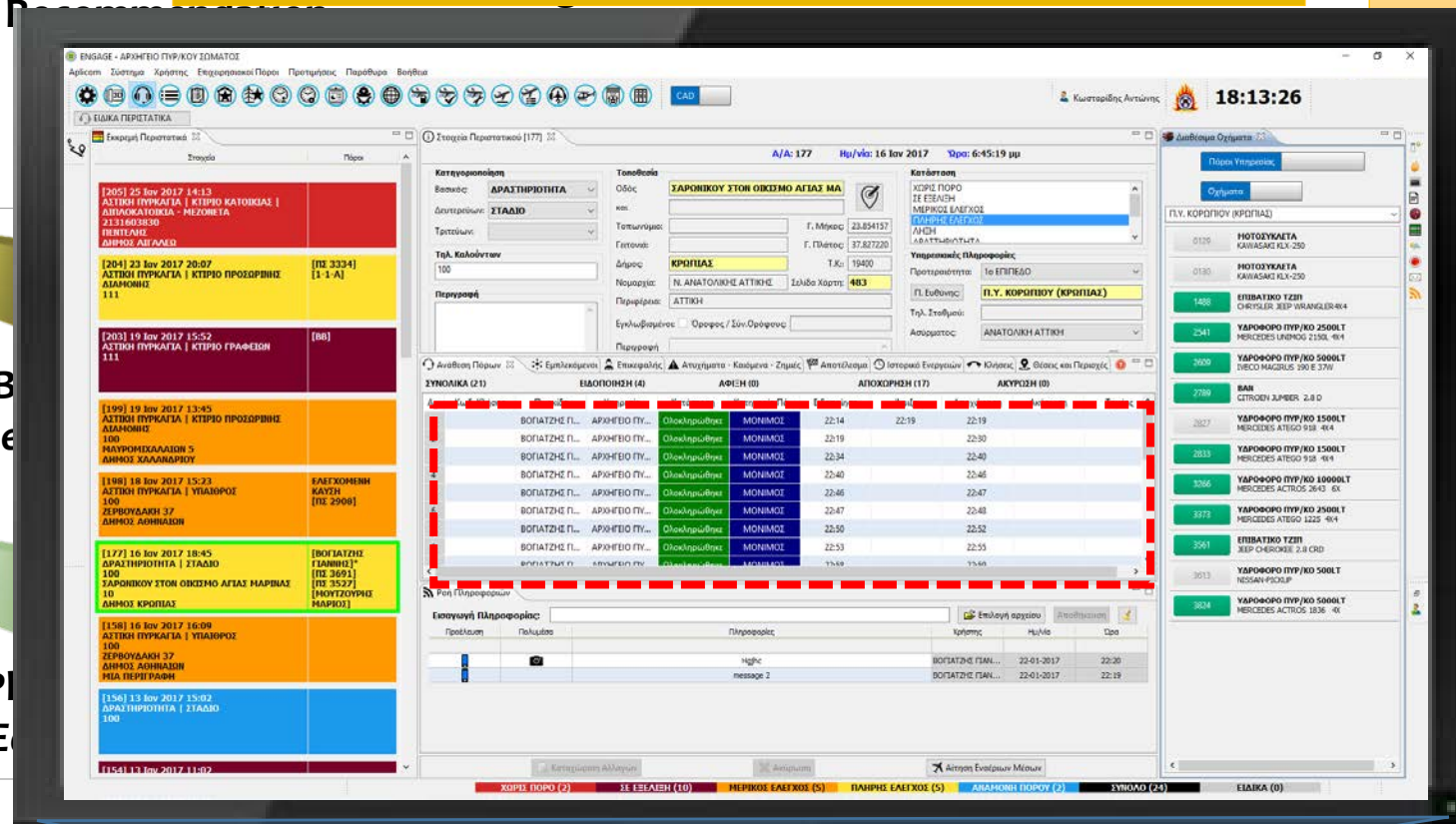
C2  
Agency #2



IN-PREP

# Trainee User Interface - Tactical Level

# MRPP Interactions – Collaborative Response Training



Scenario B  
(Trainee)

Training Platform  
(Trainer Edition)

Collaborative  
Data

Training Platform  
(Trainee Edition)  
Agency #N

Unit Tasking

C2  
Agency #1

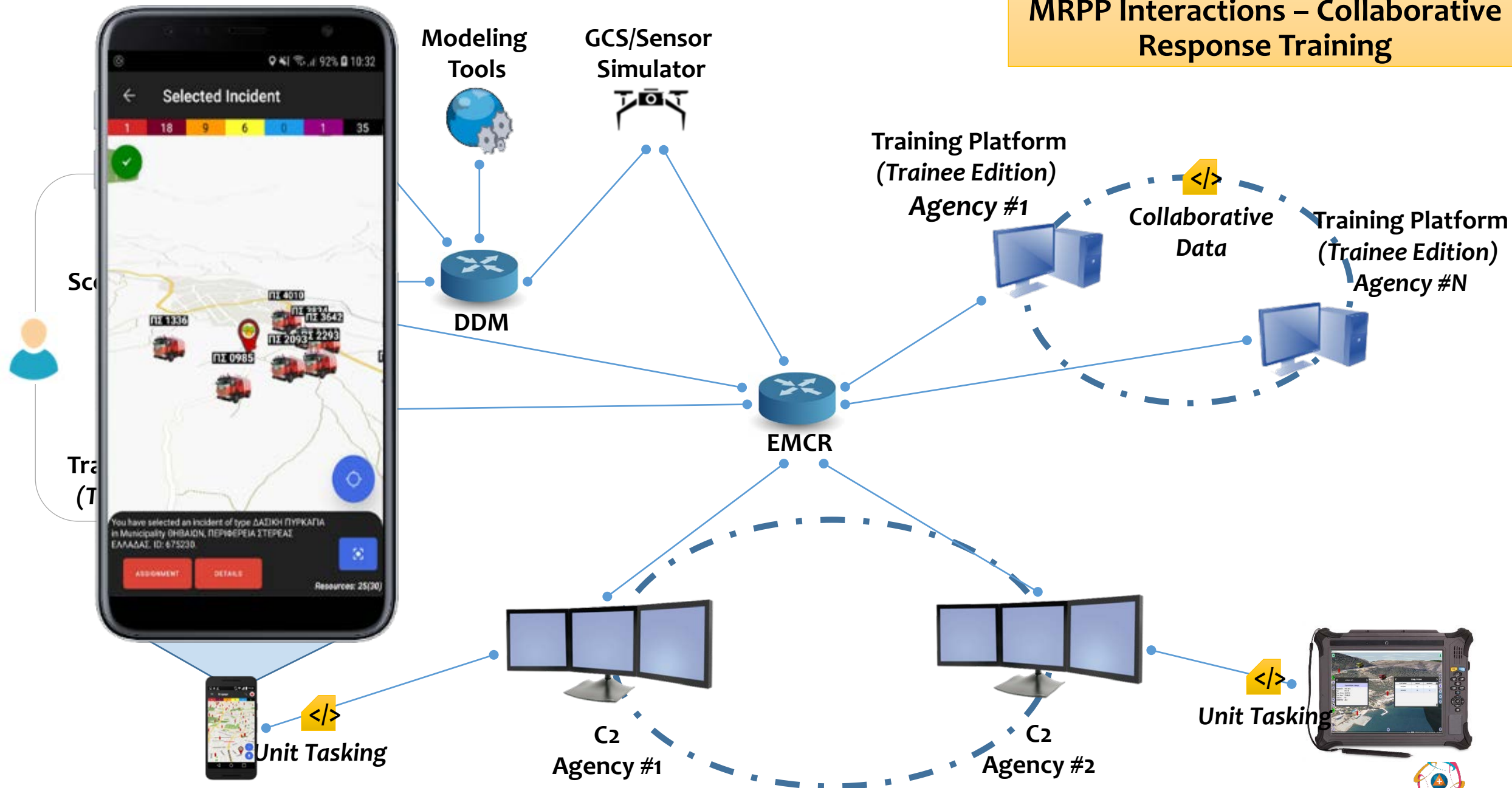
Unit Tasking

C2  
Agency #2

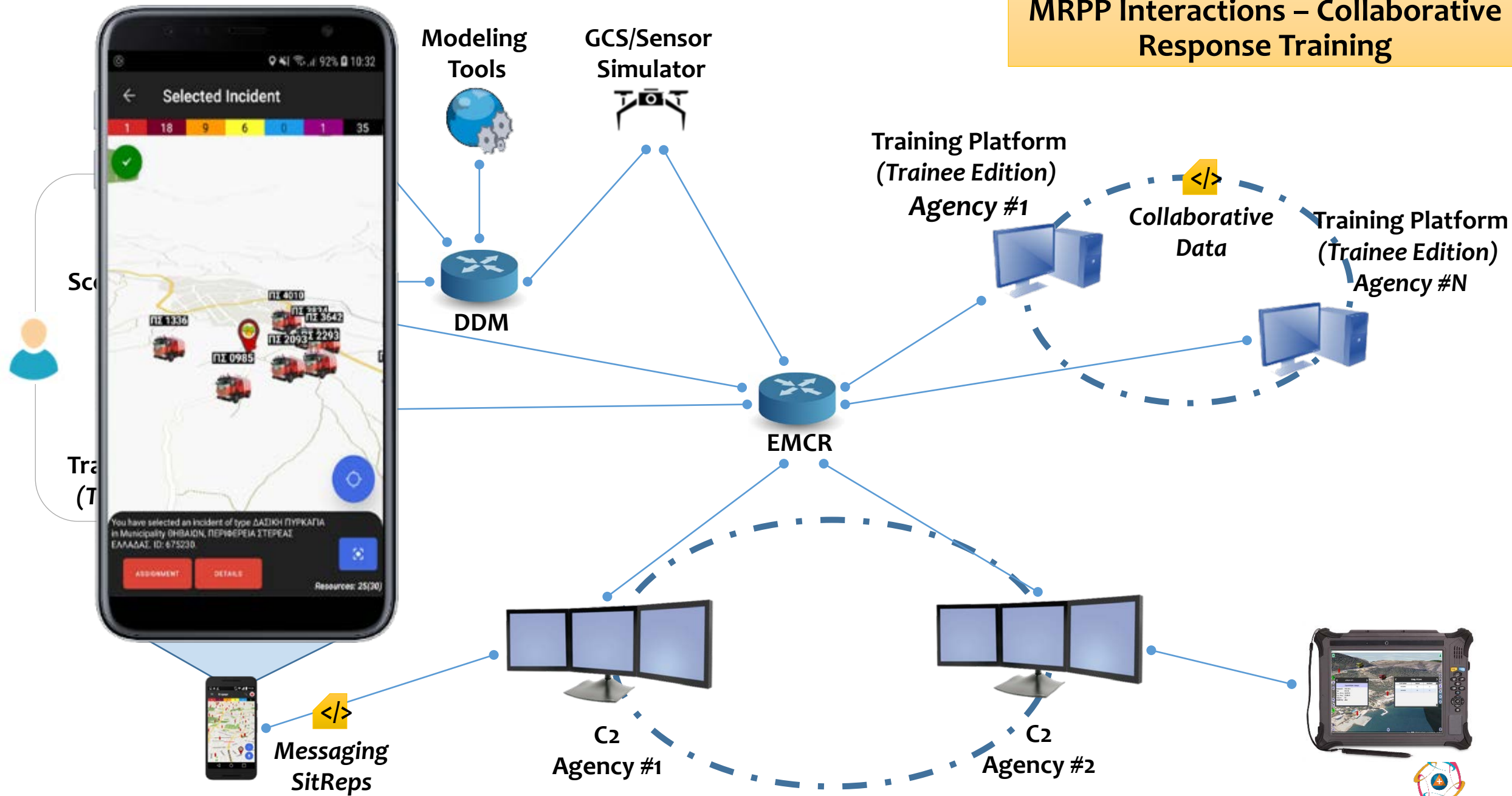
IN-PREP



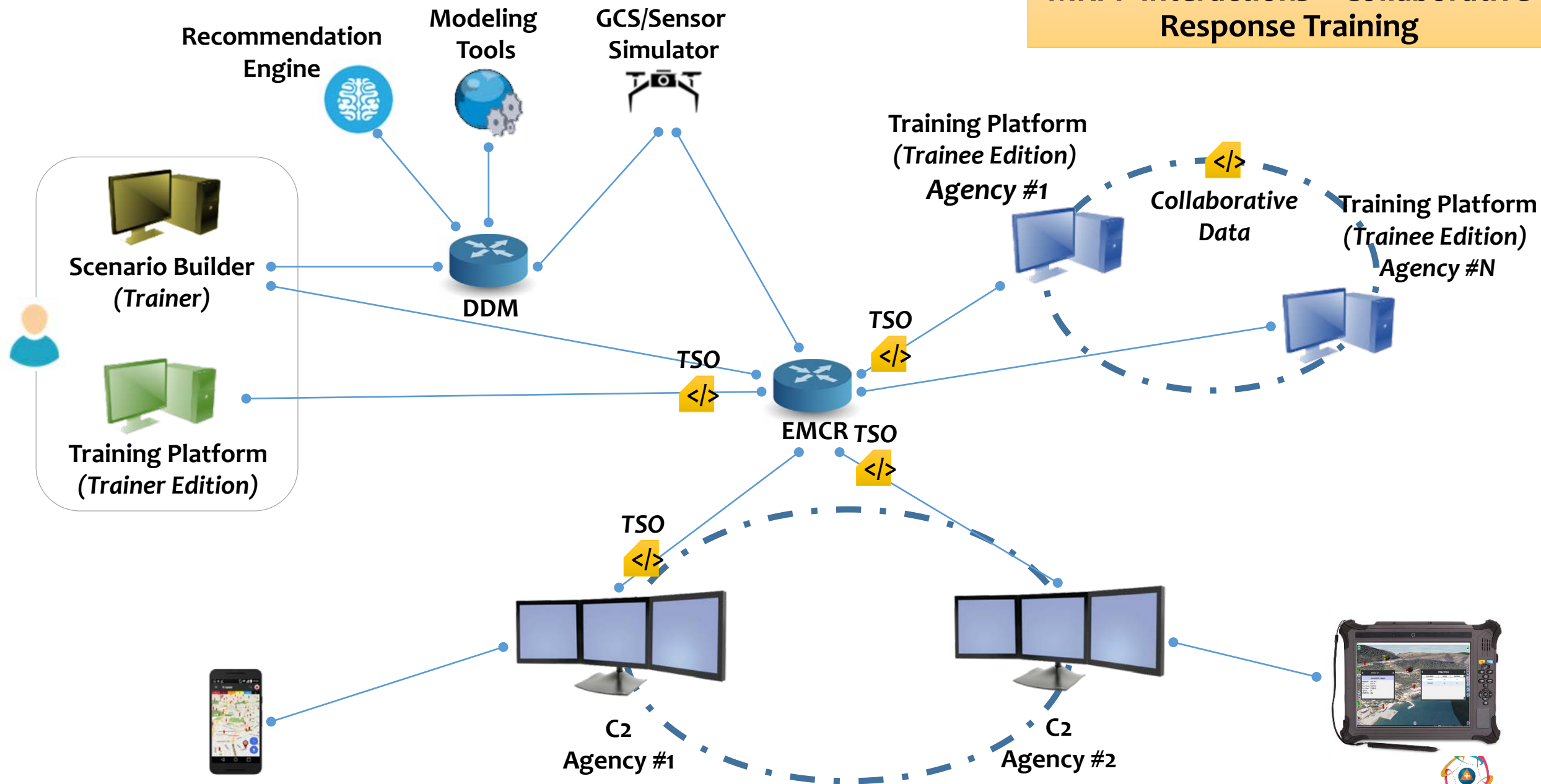
# MRPP Interactions – Collaborative Response Training



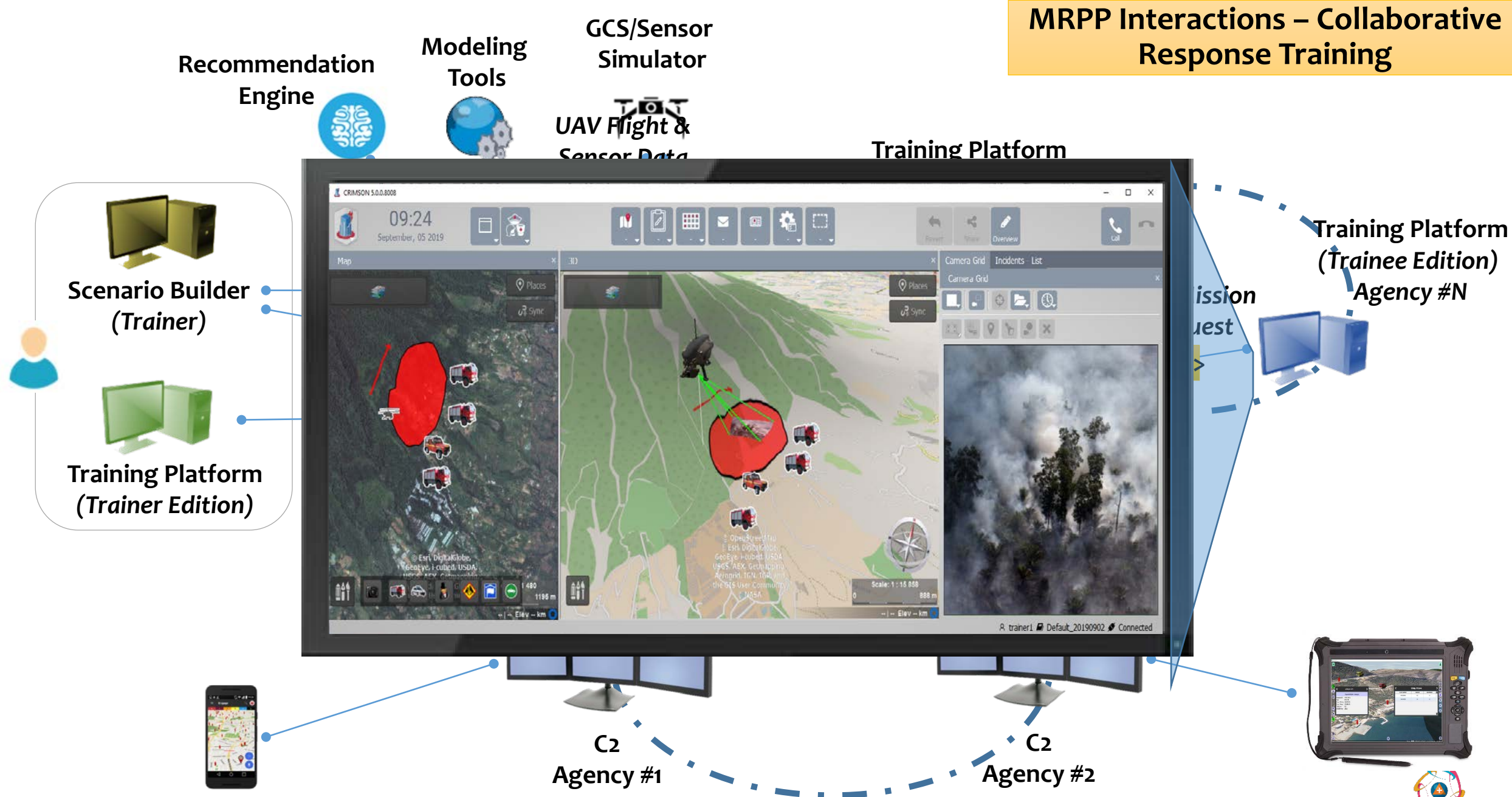
# MRPP Interactions – Collaborative Response Training



# MRPP Interactions – Collaborative Response Training



# MRPP Interactions – Collaborative Response Training





Recommendation Engine



Modeling Tools

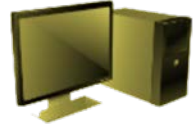


GCS/Sensor Simulator



Training Platform

Scenario Builder (Trainer)



Training Platform (Trainer Edition)



| N° | Creation date  | Status | Source       | Description  |
|----|----------------|--------|--------------|--|
| 2  | 05/09 10:50:33 |        | FACEBOOK     | I am very worried this morning as I was coming home after buying the newspaper, I saw a well-dressed person on the street. but it was clear that he was ill. he walked with difficulty. he fell right next to me, and he was sick. I called the ambulance that arrived almost immediately. but he was really sick. I didn't approach. I phoned my cousin who is a nurse and told me that they are full of similar cases. vomiting, spots on the skin, diarrhea. as soon as my cousin told me this I ran away. I have already called my wife, now I am going to pick up my son at school and leave Savona. as fast as possible. spread. spread. spread. we are in danger. |
| 1  | 05/09 10:49:58 |        | PRESS AGENCY | FROM THE FIRST HOURS OF THE MORNING, AN INCONTRACT INCREASED RECOVERY HAS BEEN REGISTERED IN THE VARIOUS HOSPITALS OF THE CITY. THE COMMUNICATION HAS COME FROM SOME CITIZENS PRESENT AT THE FIRST AID. POLICE AND ASLS INTERPELLED DO NOT HAVE ANY DECLARATION AT THE MOMENT.   |

Collaborative Data

Training Platform (Trainee Edition) Agency #N



C2 Agency #1

C2 Agency #2



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## **MRPP Interactions**

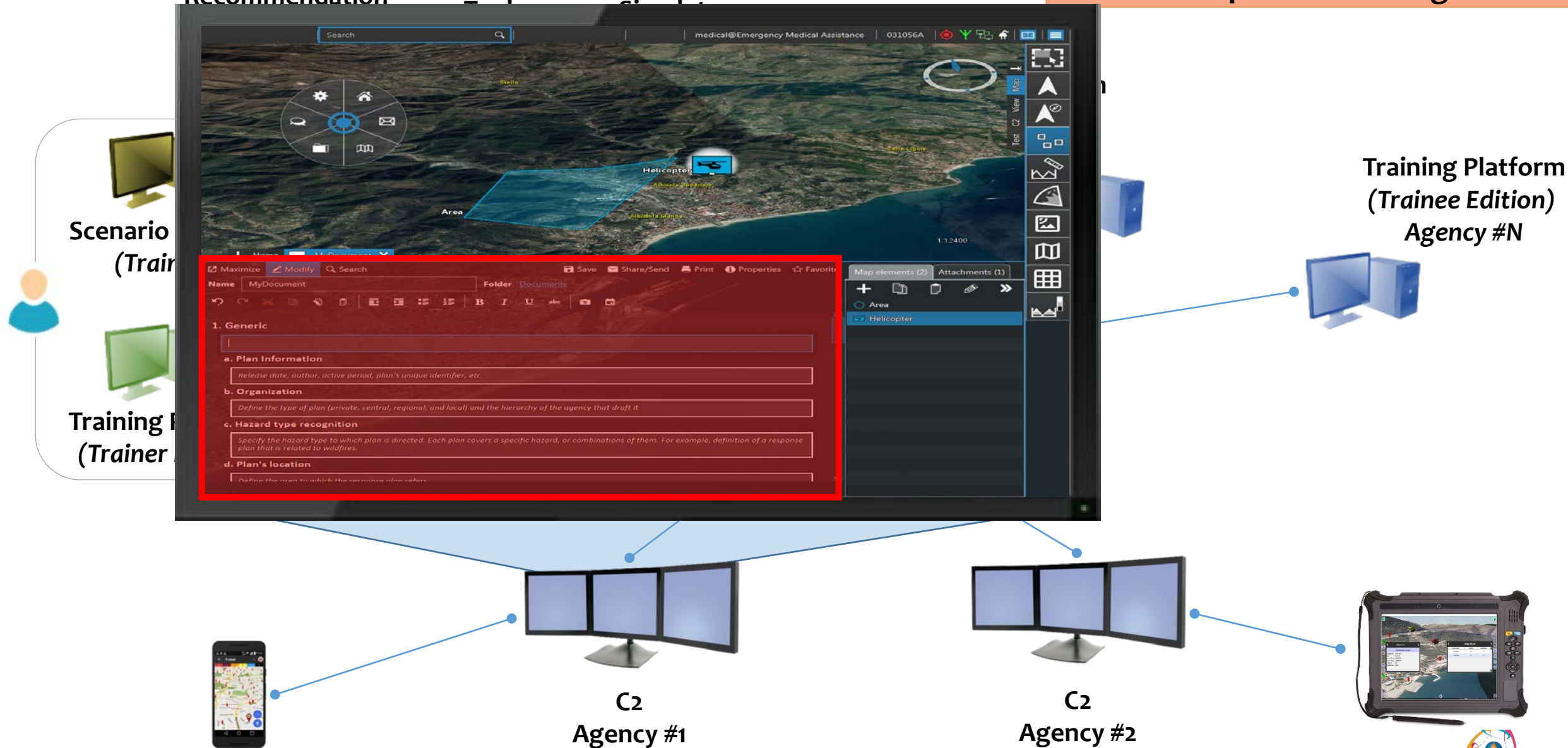
### **Collaborative Response Planning Mode**

# MRPP Interactions – Collaborative Response Planning

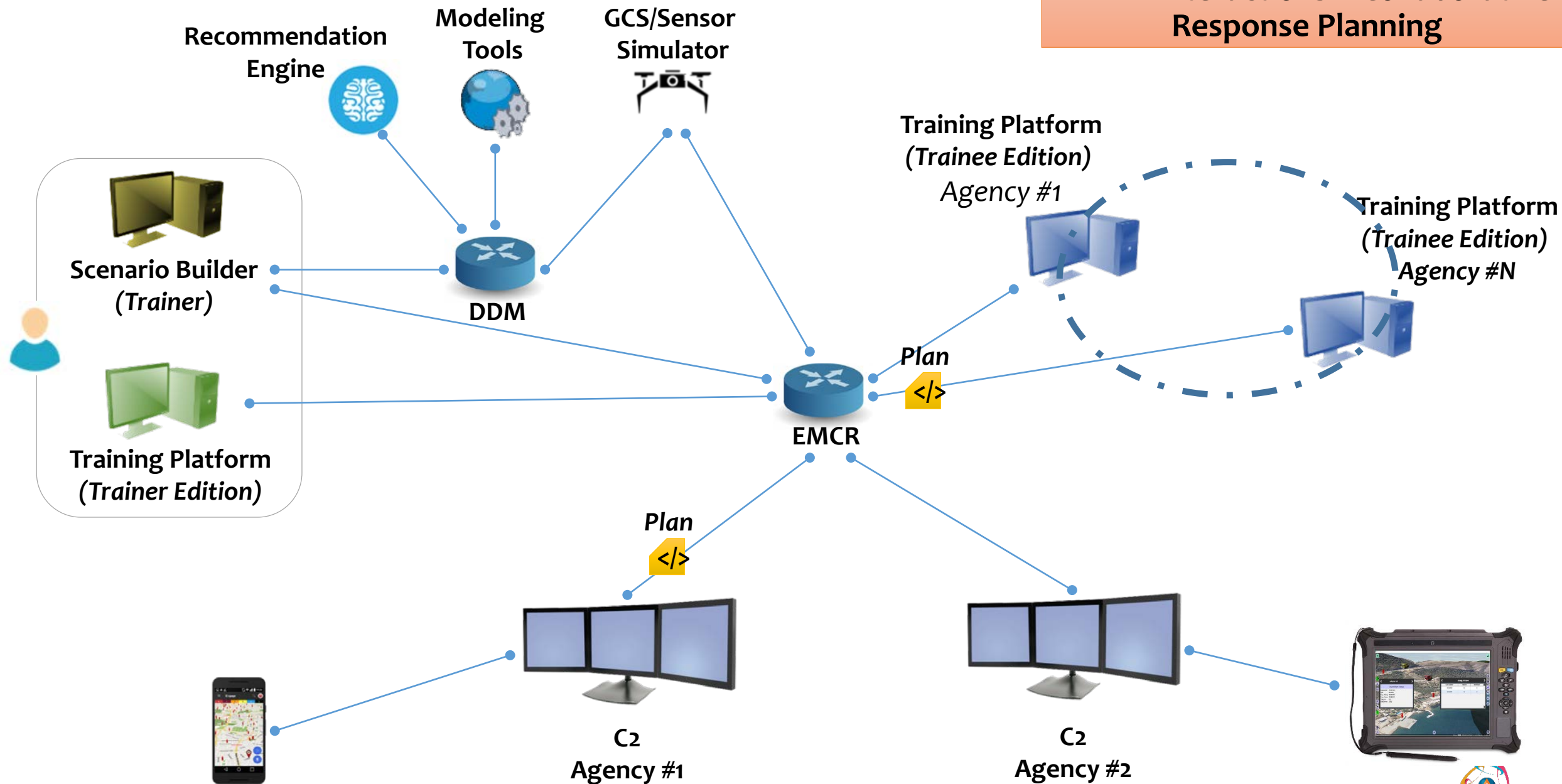
Recommendation

Modeling

GCS/Sensor



# MRPP Interactions – Collaborative Response Planning





Recommendation  
Engine

Modeling  
Tools

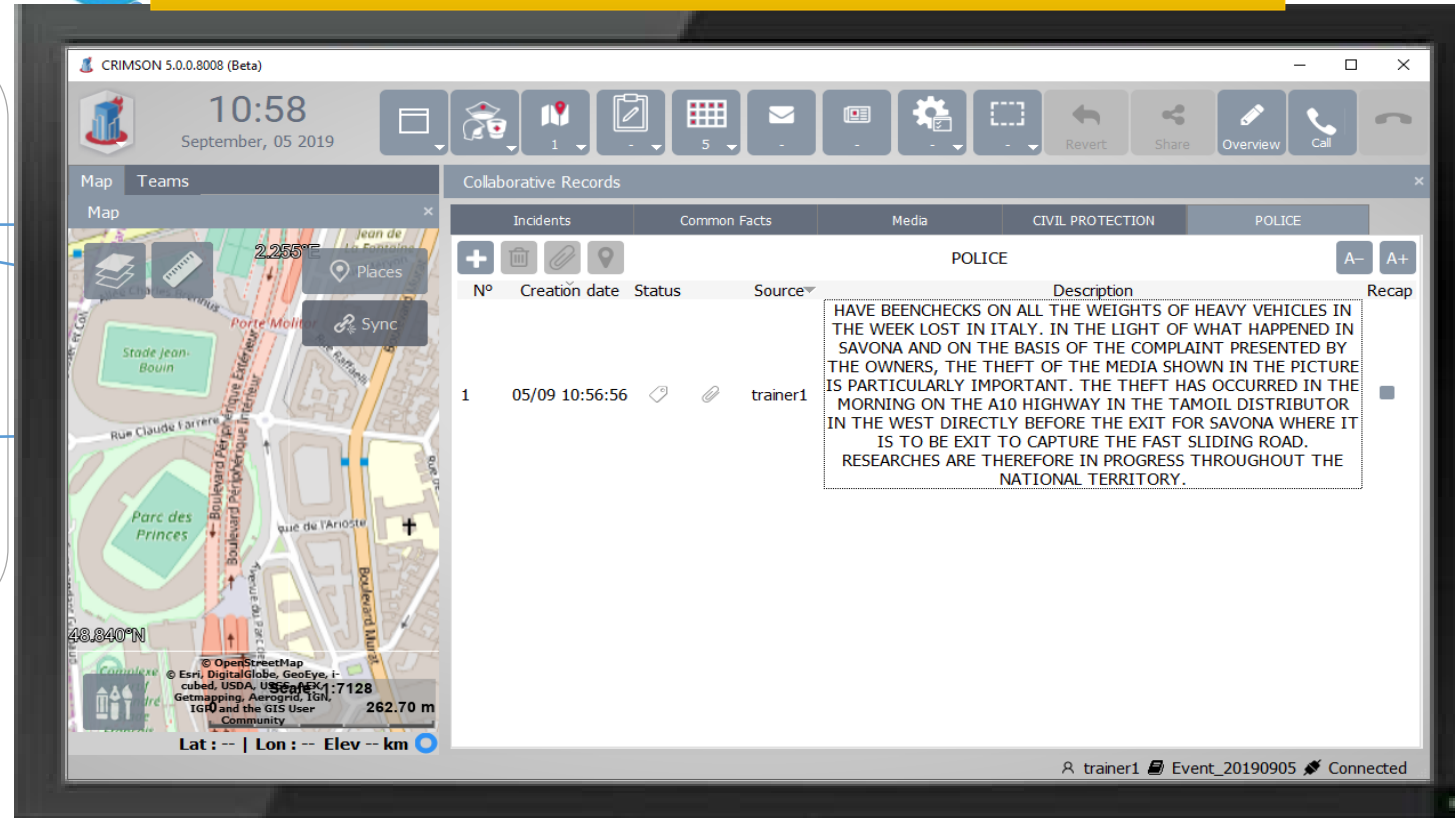
GCS/Sensor  
Simulator

## Emergency Planners User Interface

Scenario Builder  
(Trainer)

Training Platform  
(Trainer Edition)





Training Platform  
(Trainee Edition)  
Agency #N



C2  
Agency #1





C2  
Agency #2

# IN-PREP Handbook [\(https://www.in-prep.eu/handbook\\_draft/\)](https://www.in-prep.eu/handbook_draft/)

| Chapter   | Content   |
|---|---|
|  <b>Preface</b>          | <ul style="list-style-type: none"><li>■ Online version of the handbook</li><li>■ Making use of good examples</li><li>■ Handbook principles</li></ul>  |
|  <b>Introduction</b>     | <ul style="list-style-type: none"><li>■ Summary and main messages</li><li>■ Benefits of using the handbook</li><li>■ „How to read/use“ the handbook</li></ul>   |
|  <b>Guidance Section</b> | <ul style="list-style-type: none"><li>■ <i>putting the handbook into context:</i></li><li>■ Specificities of transboundary crises</li><li>■ Existing arrangements (competences and guidelines at EU and international level)</li><li>■ Good practices (national and bi-/tri-lateral examples)</li><li>■ Existing efforts on standardising vocabulary and symbology</li><li>■ Existing tools to facilitate transboundary crisis management</li></ul> |
|  <b>Policy makers</b>  | <ul style="list-style-type: none"><li>■ Relevance of transboundary crises</li><li>■ Assessing transboundary crisis management capacity</li><li>■ Enhancing transboundary crisis management capacity</li></ul>   |

Handbook

# IN-PREP Handbook [\(https://www.in-prep.eu/handbook\\_draft/\)](https://www.in-prep.eu/handbook_draft/)

| Chapter   | Content   |
|---|---|
|  <b>Operational Community</b>        | <ul style="list-style-type: none"><li>■ Assessing transboundary crisis management capacity</li><li>■ Enhancing transboundary crisis management capacity</li><li>■ Technical support to enhance collaboration (links with IN-PREP solutions)</li></ul> |
|  <b>General public</b>               | <ul style="list-style-type: none"><li>■ Why transboundary training?</li><li>■ How can I be involved?</li></ul>  |
|  <b>Recommendations and Roadmap</b> | <ul style="list-style-type: none"><li>■ Recommendations for different actors:<ul style="list-style-type: none"><li>■ Policy makers</li><li>■ Operational community</li></ul></li><li>■ Recommendations beyond the scope of the project</li></ul>      |
|  <b>Feedback section</b>           | <ul style="list-style-type: none"><li>■ Feedback and additions through the online platform</li></ul>  |

Handbook

# IN-PREP Handbook [\(https://www.in-prep.eu/handbook\\_draft/\)](https://www.in-prep.eu/handbook_draft/)

## Handbook content:



### Operational Community

- Assessing transboundary crisis management capacity
- Enhancing transboundary crisis management capacity
- Technical support to enhance collaboration (links with IN-PREP solutions)

## Remaining challenges/ open questions related to understanding current processes:

How are transboundary  
crisis management  
capacities (currently)  
assessed?

What are potential action  
points for enhancing this  
capacity?

Which additional guidance  
documents/good  
practices exist?



# IN-PREP Training Programme



Industrial Accident –  
SEVESO/CBRN threat  
(CNVFF, all - **Nov '18**)

*Municipal, Regional*



Evacuation of cruise  
ship table-top exercise  
(CNVVF, all – **Jun '19**)

*Municipal, Regional, National*



Massive flood  
table-top exercise  
(SRIJ, all - **Oct '19**)



Cross-border  
terrorist attack  
(PSNI, all – **5th Dec '19**)

*Municipal, Regional, National,  
Cross-border*



SEVESO + Cascading crises  
demo (CNVVF, all – **28<sup>th</sup> of  
October 2020**)

*Municipal, Regional, National,  
Cross-border, EU*



Large forest fire &  
humanitarian crisis (RHO, all  
– **1<sup>st</sup> week of Dec '20**)

*Municipal, Regional, National,  
Cross-border, EU*



**Thank you for  
your attention**

**Any questions?**

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