



**IN-PREP**

**CRIMSON**

**TTX3 features**

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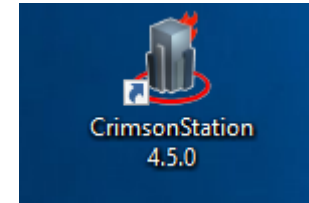
DIGINEXT



# COP User interface

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- Start from desktop shortcut



- The application starts



# COP User interface

- User log-in
  - Select inprep-online
    - (in-prep-local for the 10/10)
    - Enter your user name and password
      - rot-1 or trainer1
      - 0123
  - Select an Event
    - Event\_20191003

Login wizard

**Login**  
Please sign in

Server: IN-PREP INTERNET

Username: Direttore USMAF

Password: ●●●●

[Forgot Password?](#)  
[Manage account](#)

Next >

Login wizard

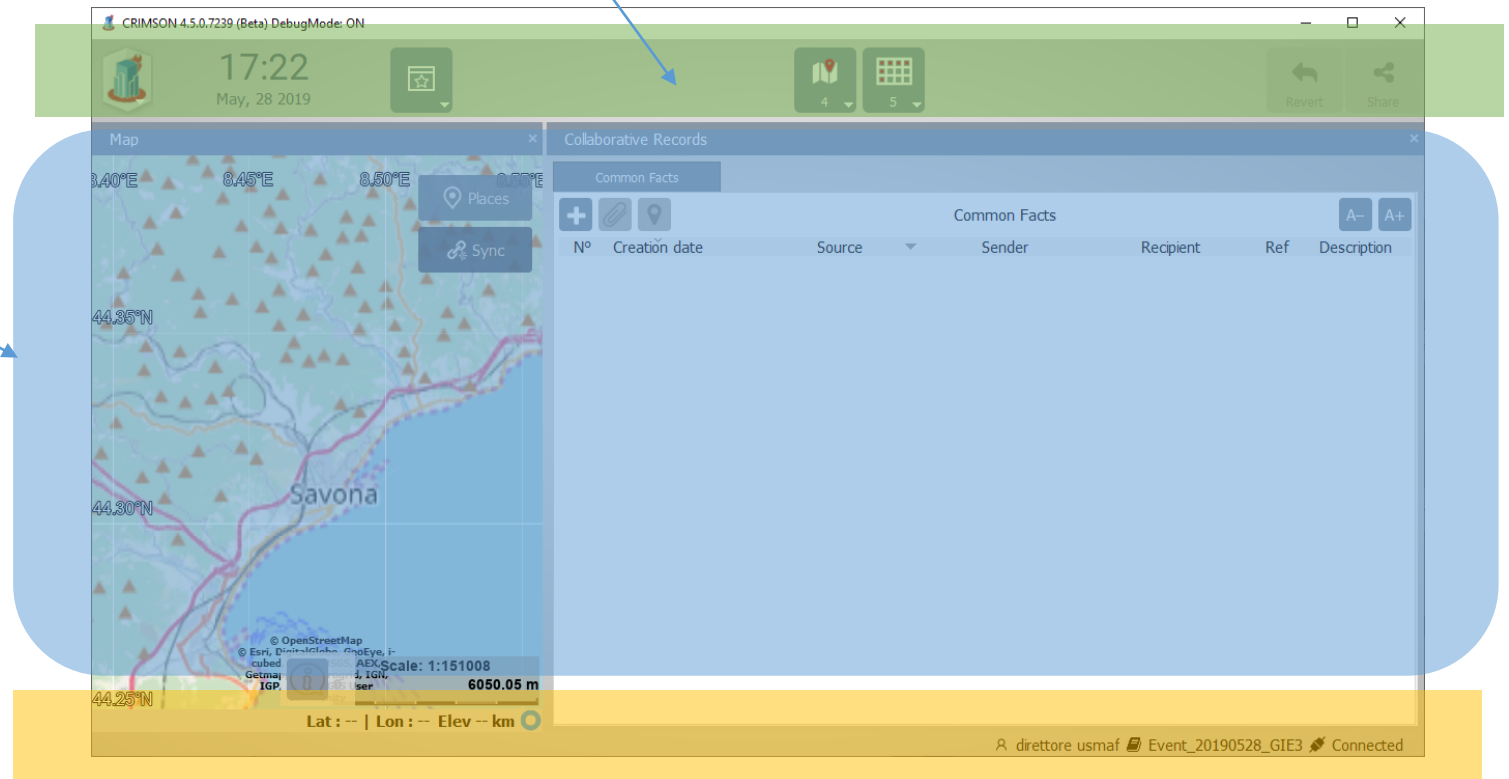
**Event**  
Connected as Questore Please select an event

Event: Event\_20190603

< Back Finish

# COP User interface

- Header bar: Buttons (layouts, notifications, ...)
- Tabs
  - Map, Coll. records
  - Modelling results
  - Drone Missions
- Footer bar
  - Logged-in user
  - Current event



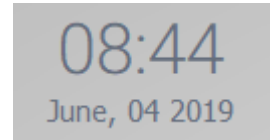
# COP User interface

- Header bar (from left to Right)

- Main menu: to quit



- Date/Time



- Layout: to have the map and collaborative table displayed



- Notifications button: when new information is available



- last buttons:

- Revert: to cancel a modification not yet shared
- Share: to send a modification
- Overview: to export information

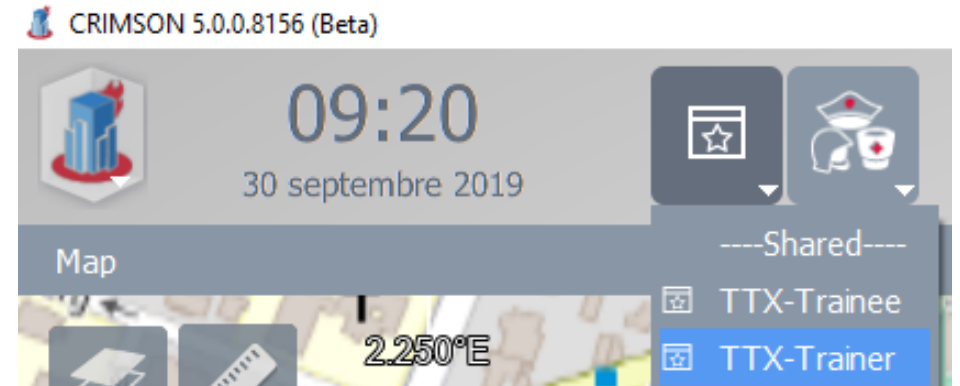


# COP User interface

## ○ Layout

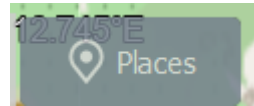


- In the upper bar
  - => select TTX-Trainee or TTX-Trainer
- For the trainee the UI is split in 2 areas:
  - The Map tab on one side:
    - To add a UAV mission and see UAV position
    - To see Modelling Result layers
  - The Camera, Device and Modelling Results (MR) on the other side
    - To see UAV stream,
    - To see MR injects and request a result

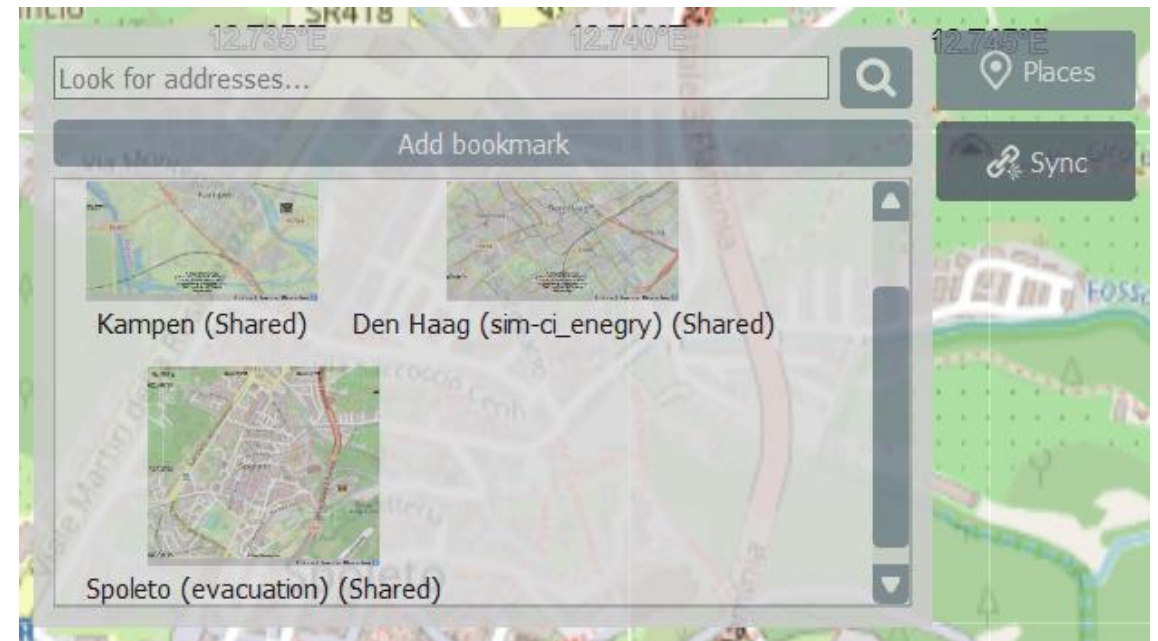


# COP User interface

- **Map Bookmark**

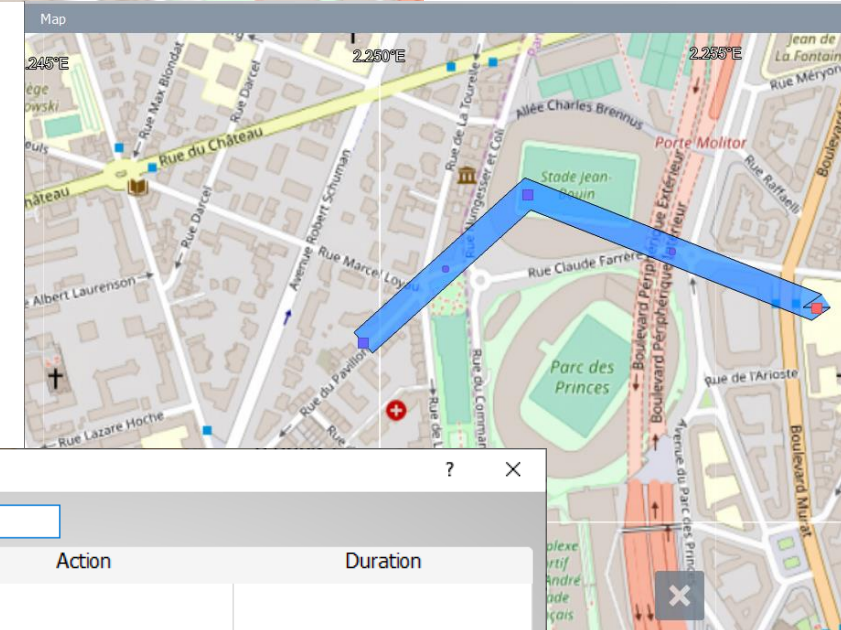
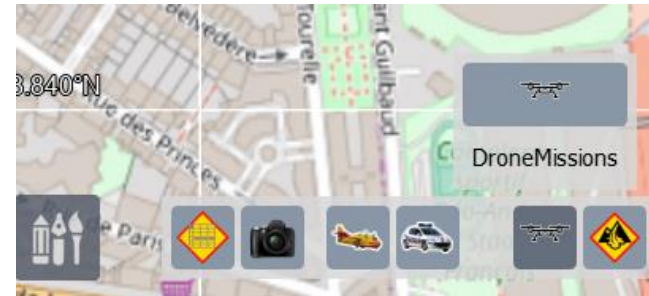


- In the map upper right corner
- Provide bookmarked view to specific area
  - Kampen
  - Den Haag (MR energy grid example)
  - Spoleto (MR Evacuation example)



# COP User interface: Drone Mission

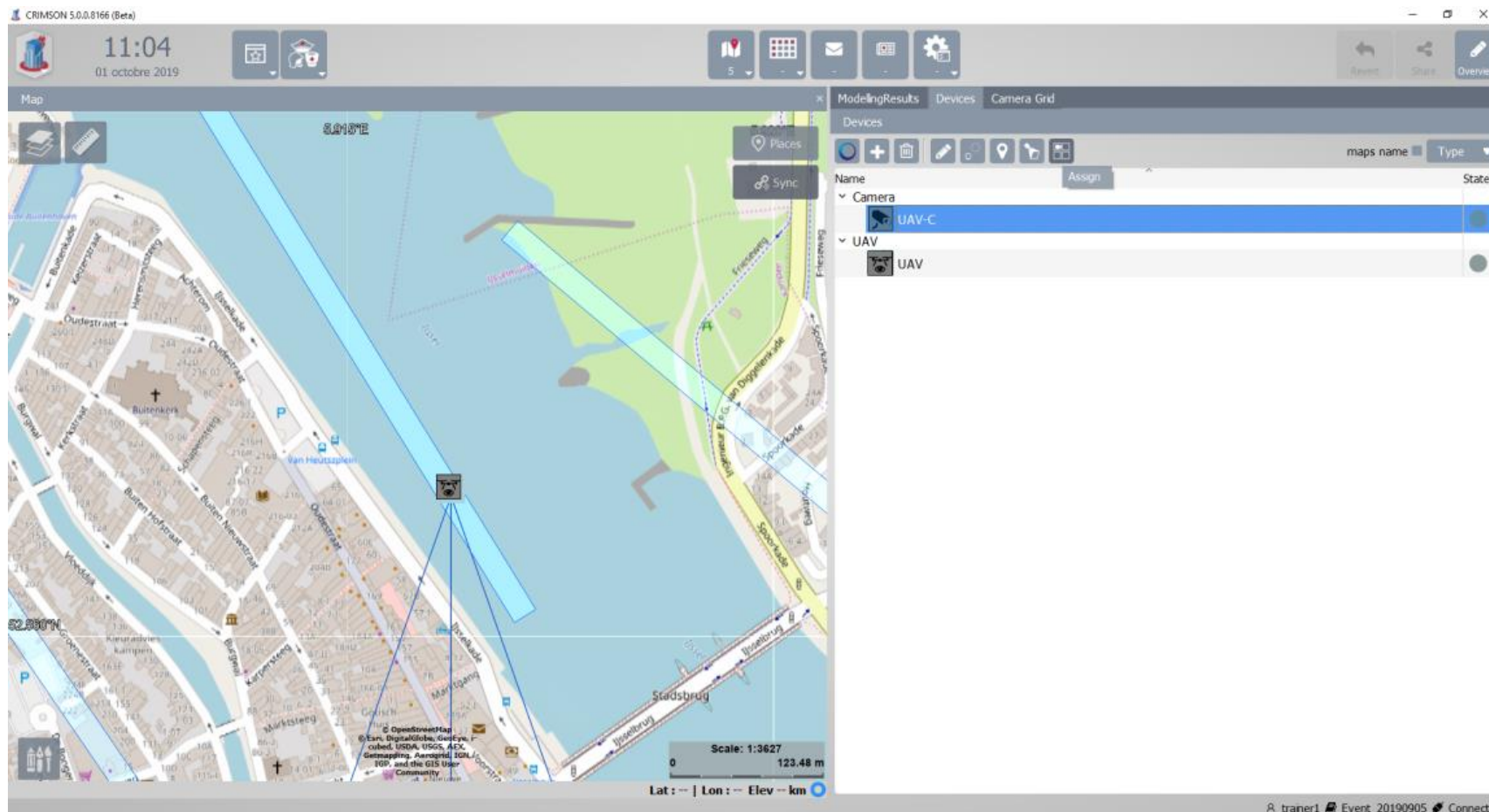
- On the map
  - From annotation Bar, click on Drone Missions
  - Click on the map to add waypoints, double click to finish
  - A popup window opens and display point list
    - Enter a mission name and validate
    - Share





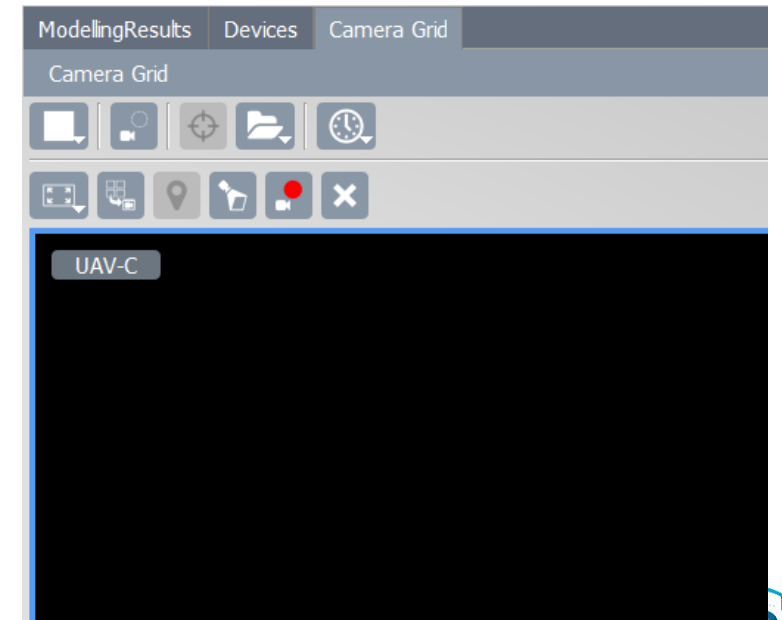
# COP User interface: Drone Position

- On the map: A drone icon is then visible



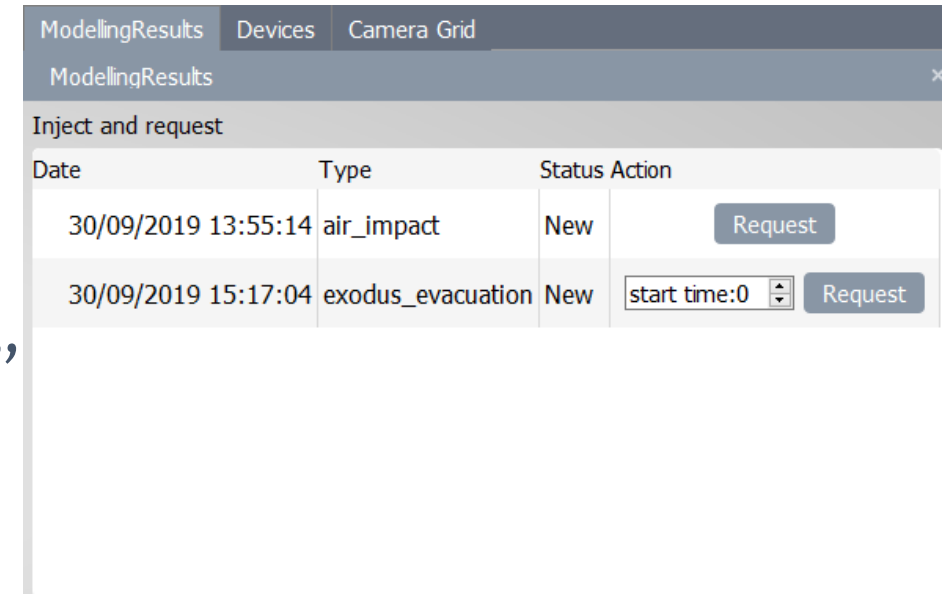
# COP User interface: Drone Stream

- In the Device List,
  - Select UAV-C and click on the “**Assign**” button
- The camera grid opens, click in one of the grid cell to start displaying the stream.



# COP User interface: Modelling Results (MR)

- When an inject is sent from SB
  - A new line is available in the upper panel
  - If no input is required, the user click on “*request*”
  - If an input is required, the user:
    - Enter the value
      - example start time of simulation => 60 (after 60 minutes)
    - Click on “*request*” -> the status move to “*requested*”



Date	Type	Status	Action
30/09/2019 13:55:14	air_impact	New	<input type="button" value="Request"/>
30/09/2019 15:17:04	exodus_evacuation	New	<input type="text" value="start time:0"/> <input type="button" value="Request"/>

# COP User interface: Modelling results

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- When the result is available
  - A new line is available in the lower panel
  - 3 cases:
    - **Static maps:** One or more raster that can be displayed on top of the map (flood, impacts, etc.)
    - **Dynamic maps:** A list of raster than can be animated to see the simulation (evacuation for instance)
    - **Numerical results:** A table with a list of parameters and their values.

# COP User interface: Modelling results

- Static maps
  - One line per raster is provided
  - User can display/hide the raster and adjust opacity
  - (Use bookmark to go to Den Haag)

The screenshot displays the CRIMSON 5.0.0.8166 (Beta) user interface. The top bar shows the time 17:33 on 01 octobre 2019. The main area is divided into a map and a results panel. The map shows a street grid in Den Haag with several colored lines (red, green, yellow) overlaid, representing different simulation results. The results panel on the right is titled 'ModellingResults' and contains two tables: 'Inject and request' and 'Results'.

Inject and request			
Date	Type	Status	Action
01/10/2019 17:15:51	sim-cl_telecom	New	<button>Request</button>
01/10/2019 17:15:54	sim-cl_energy	New	<button>Request</button>
01/10/2019 17:15:47	exodus_evacuation	New	<input type="text" value="start time:0"/> <button>Request</button>
01/10/2019 17:15:29	air_impact	New	<button>Request</button>

Results			
Date	Type	Title	Action
01/10/2019 17:10:21	Multi	sim-cl_energy	<input checked="" type="checkbox"/> Display Opacity:100
		hage-flood-1_1780	<input type="checkbox"/> Display Opacity:100
		hage-flood-1_1600	<input type="checkbox"/> Display Opacity:100
		hage-flood-1_11320	<input type="checkbox"/> Display Opacity:100
01/10/2019 17:10:21	Evol	exodus_evac"	<input checked="" type="checkbox"/> Displ <input type="button" value="View"/>
01/10/2019 17:10:21	Numeric		<input type="button" value="View"/>

# COP User interface: Modelling results

- Dynamic maps (evacuation case)

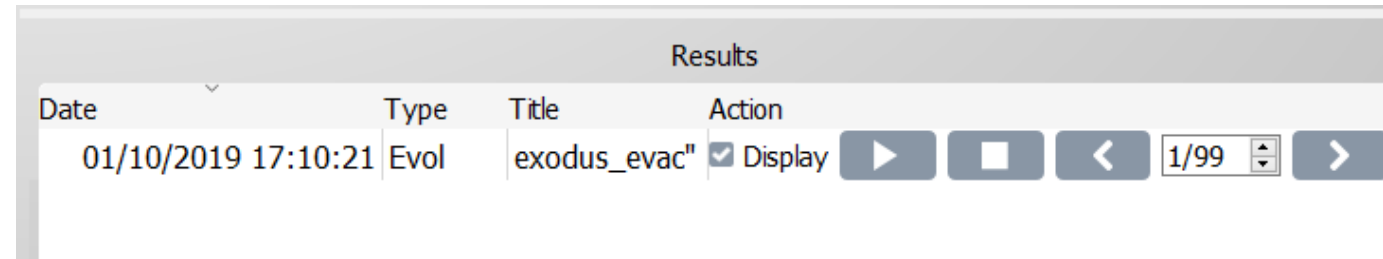
- One line is provided with options

- User can

- Display/hide the result by checking the check box

- Play an animation to display one layer after the other by clicking on the "**play**" button (and stop it)

- Display a specific step or move step by step (forward or backward)



Date	Type	Title	Action
01/10/2019 17:10:21	Evol	exodus_evac"	<input checked="" type="checkbox"/> Display

# COP User interface: Modelling results

- Dynamic maps (evacuation case)
  - Blues rectangles will be displayed at the location => use bookmark to go to Spoleto

The screenshot displays the CRIMSON 5.0.0.8166 (Beta) user interface. The top bar shows the time 11:23 on 02 octobre 2019. The main map area shows a street view of Spoleto, Italy, with a scale of 1:8707 and coordinates Lat: 42.7445° | Lon: 12.7415° Elev 0.00 m. The map includes a 'Places' button and a 'Sync' button. The right sidebar contains a 'ModellingResults' panel with a table of results.

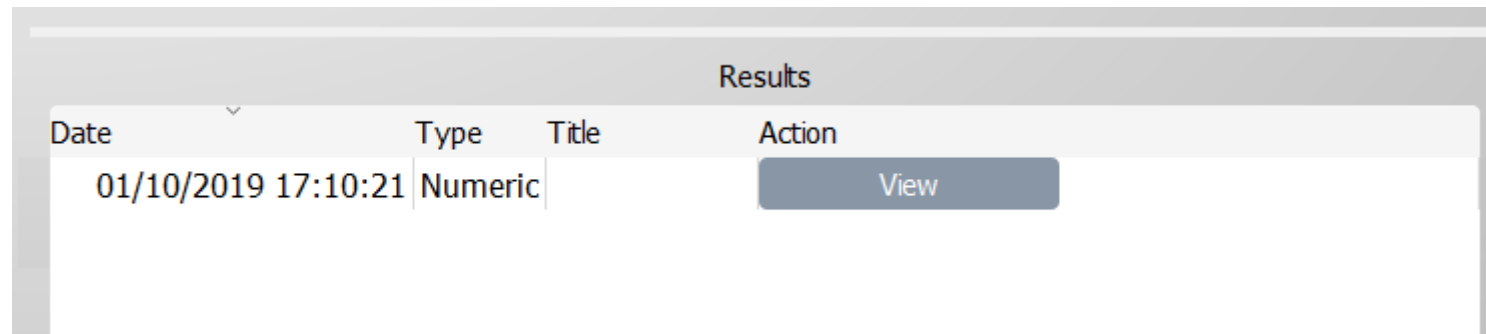
Inject and request			
Date	Type	Status	Action
02/10/2019 08:28:58	air_impact	New	<button>Request</button>

Results			
Date	Type	Title	Action
02/10/2019 08:26:35	Numeric		<button>View</button>
02/10/2019 08:26:35	Evol	exodus_evacuation	<input checked="" type="checkbox"/> Dis <span>▶</span> <span>◻</span> <span>◀</span> 41 <span>▶</span>
> 02/10/2019 08:26:35	Multi	sim-cl_energy	

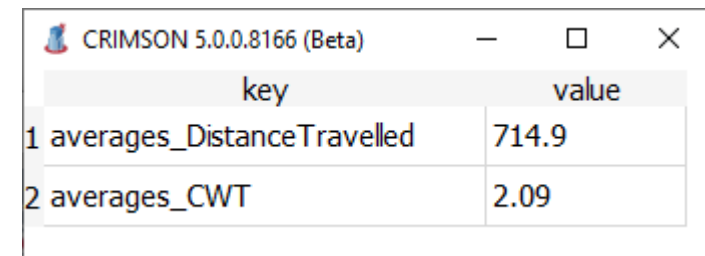
# COP User interface: Modelling results

- Numerical results
  - A view button is available for each time a numerical result is available



Date	Type	Title	Action
01/10/2019 17:10:21	Numeric		View

- Clicking on view open a popup with a table
  - 1 line per parameter name/value



key	value
1 averages_DistanceTravelled	714.9
2 averages_CWT	2.09



# COP User interface: Injects for this TTX

- Mainly for the trainer
- In the Collaborative table
  - SB injects
  - LCMS synopsis has attachment

Collaborative Records

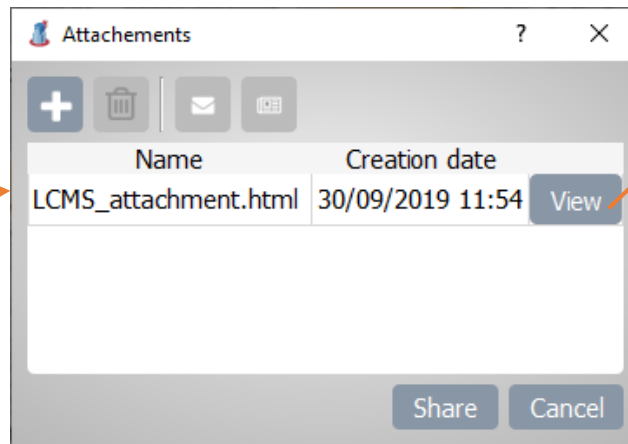
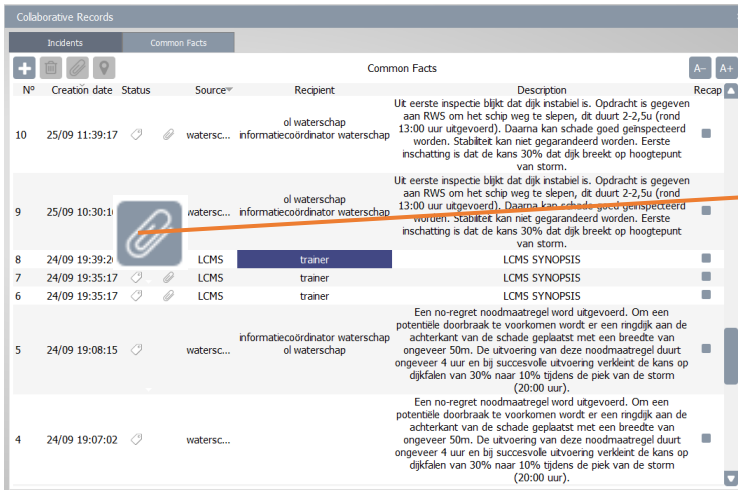
Incidents Common Facts

Common Facts

Nº	Creation date	Status	Source	Recipient	Description	Recap
10	25/09 11:39:17		watersc...	ol waterschap informatiecoördinator waterschap	Uit eerste inspectie blijkt dat dijk instabiel is. Opdracht is gegeven aan RWS om het schip weg te slepen, dit duurt 2-2,5u (rond 13:00 uur uitgevoerd). Daarna kan schade goed geïnspecteerd worden. Stabiliteit kan niet gegarandeerd worden. Eerste inschatting is dat de kans 30% dat dijk breekt op hoogtepunt van storm.	
9	25/09 10:30:16		watersc...	ol waterschap informatiecoördinator waterschap	Uit eerste inspectie blijkt dat dijk instabiel is. Opdracht is gegeven aan RWS om het schip weg te slepen, dit duurt 2-2,5u (rond 13:00 uur uitgevoerd). Daarna kan schade goed geïnspecteerd worden. Stabiliteit kan niet gegarandeerd worden. Eerste inschatting is dat de kans 30% dat dijk breekt op hoogtepunt van storm.	
8	24/09 19:39:26		LCMS	trainer	LCMS SYNOPSIS	
7	24/09 19:35:17		LCMS	trainer	LCMS SYNOPSIS	
6	24/09 19:35:17		LCMS	trainer	LCMS SYNOPSIS	
5	24/09 19:08:15		watersc...	informatiecoördinator waterschap ol waterschap	Een no-regret noodmaatregel wordt uitgevoerd. Om een potentiële doorbraak te voorkomen wordt er een ringdijk aan de achterkant van de schade geplaatst met een breedte van ongeveer 50m. De uitvoering van deze noodmaatregel duurt ongeveer 4 uur en bij succesvolle uitvoering verkleint de kans op dijkkvalen van 30% naar 10% tijdens de piek van de storm (20:00 uur).	
4	24/09 19:07:02		watersc...		Een no-regret noodmaatregel wordt uitgevoerd. Om een potentiële doorbraak te voorkomen wordt er een ringdijk aan de achterkant van de schade geplaatst met een breedte van ongeveer 50m. De uitvoering van deze noodmaatregel duurt ongeveer 4 uur en bij succesvolle uitvoering verkleint de kans op dijkkvalen van 30% naar 10% tijdens de piek van de storm (20:00 uur).	

# COP User interface: other injects for this TTX

- In the Coll. Table
- LCMS synopsis has attachment
  - Select the line and click on the attachment icon
  - And click on view in the popup list



Fichier | C:/ProgramData/CRIMSON/Assets/LCMS\_attachment.html

Applications

**Grafisch beeld**

**Bestuurlijke besluitvorming**

nr	Actie/Besluit (A)/(B)	Tijd	Omschrijving	Actie/besluit voor	Status:lopend/afgehandeld	Opmerking
1.1	Desicion	13.45	evacuate now	tactical team	openedhhd5d0	
1.2	Test	10.25	message1	me	a message	
1.3	test2	now	another msg	me	trace	
1.4	fay				trace4	
1.5	test3	now2	another msg2	me	trace2	
1.6	test4	nwo3	hoho	me	trace3	
1.19					trace19	
1.20					trace20	
1.22					trace22	
1.23					trace23	
1.24					trace 24	

**multidisciplinaire informatie**

*New message to IN-PREP*  
Hello Leo,  
test

**Police**  
test



**Thank you for  
your attention**

**Any questions?**



**Guillaume INGLESE**

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