**DRIVER+ Protect PoS**

**12-03-2019**

**1) Use Case for Protect tool**

*The proposed use case can be any incident or hazard.*

*The proposed LOC (Local Operational Centre ) and NOC (National Operational Centre) are just examples, because it can be entities of any type: local national or international.*

1. **Use case overview:**

*Note that the use of a intermedium CIS (Common Information Space) is not mandatory.*

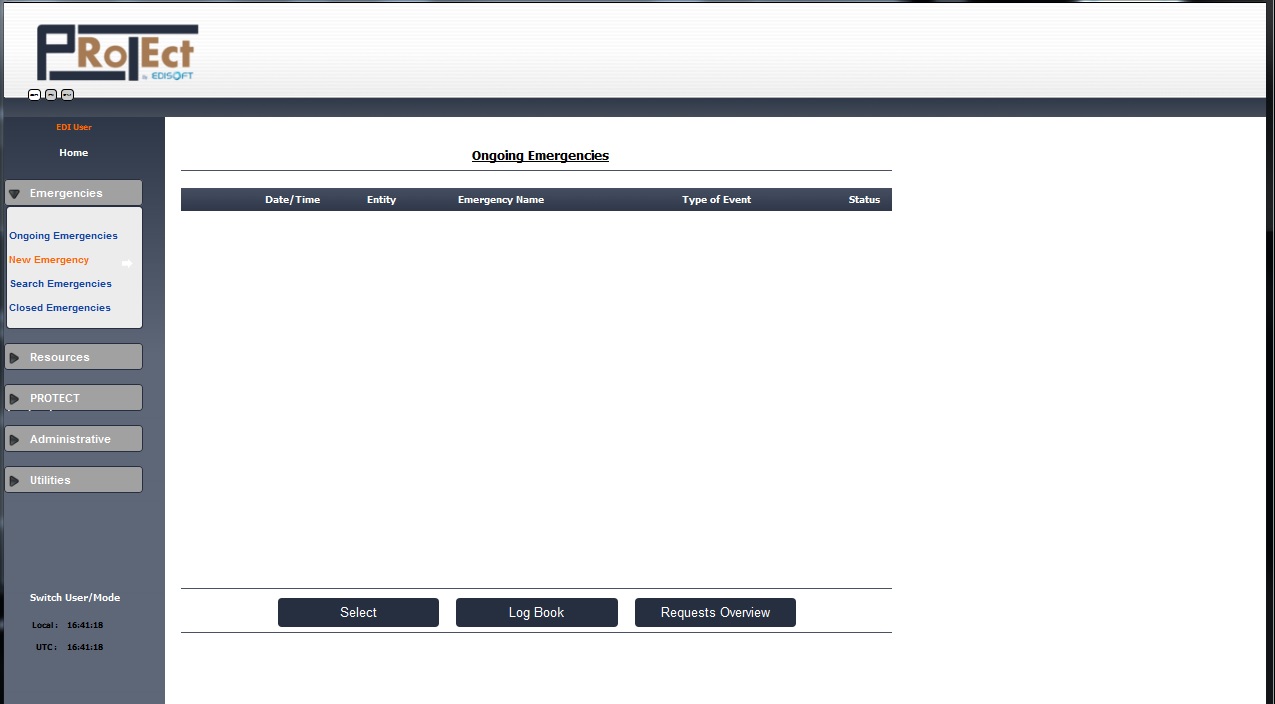
*Protect can support the request for assistance between organizations without any intermedium system.*



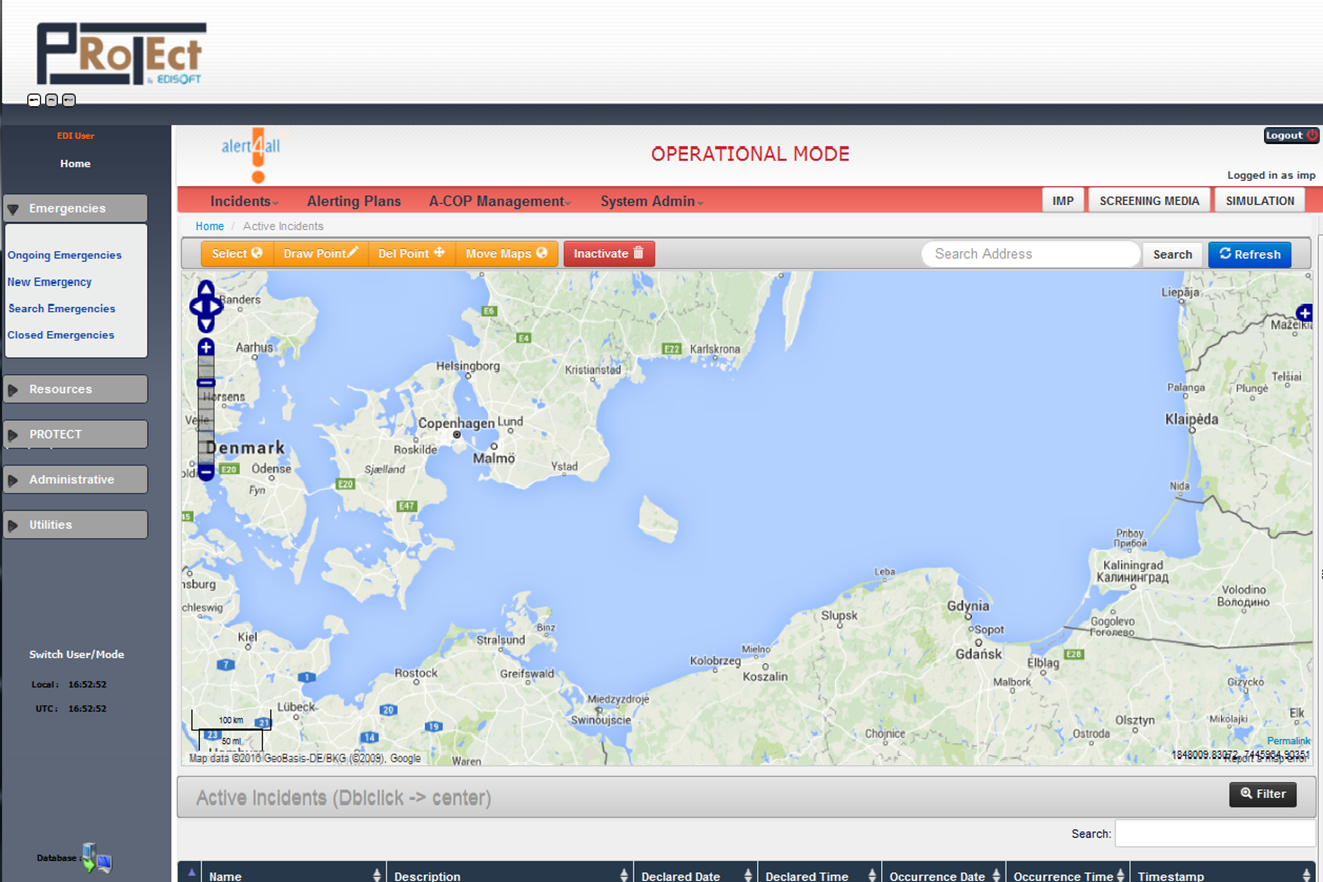
Figure 1: Sequence diagram describing the message exchange between solutions

(Protect, CIS and Other tools)

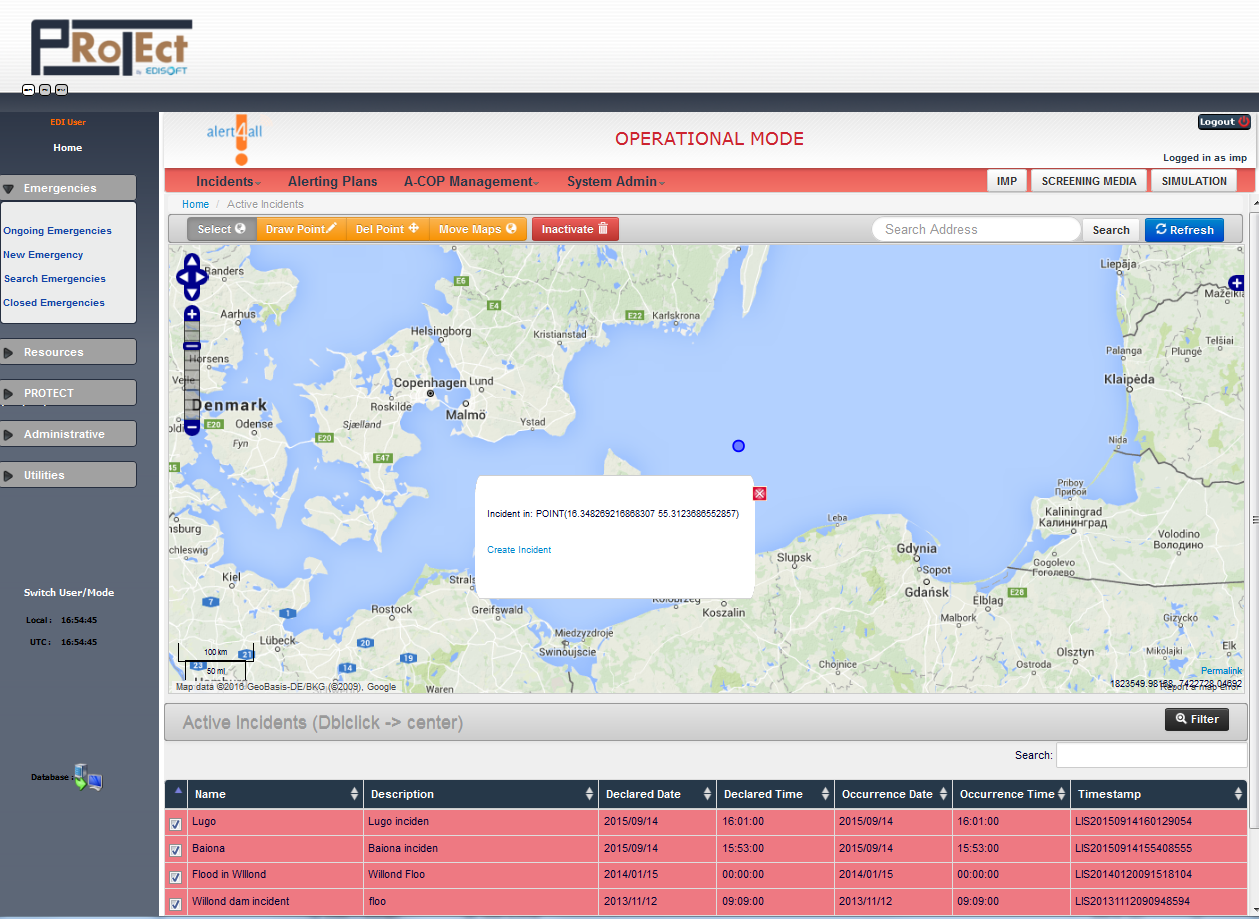
1. **LOC proceeds with a manual Emergency creation (or receive a EMSI message from other organization, from the Test Bed), and Send an update EMSI message using the Test Bed.**

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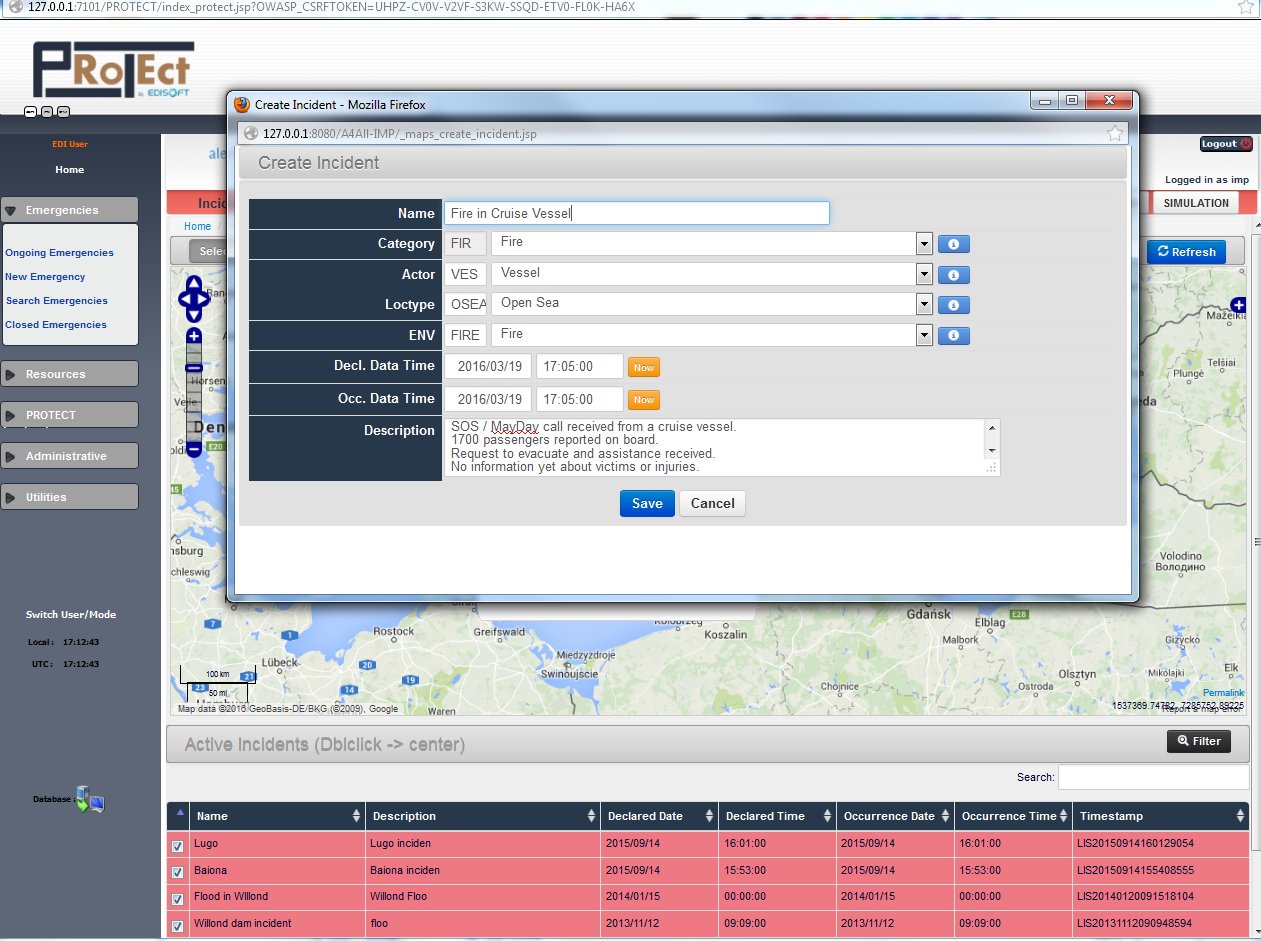
1. **The emergency characterization uses the received information from a xml (in EMSI Standard form the CIS) file or as alternative by inserting manually the emergency.**

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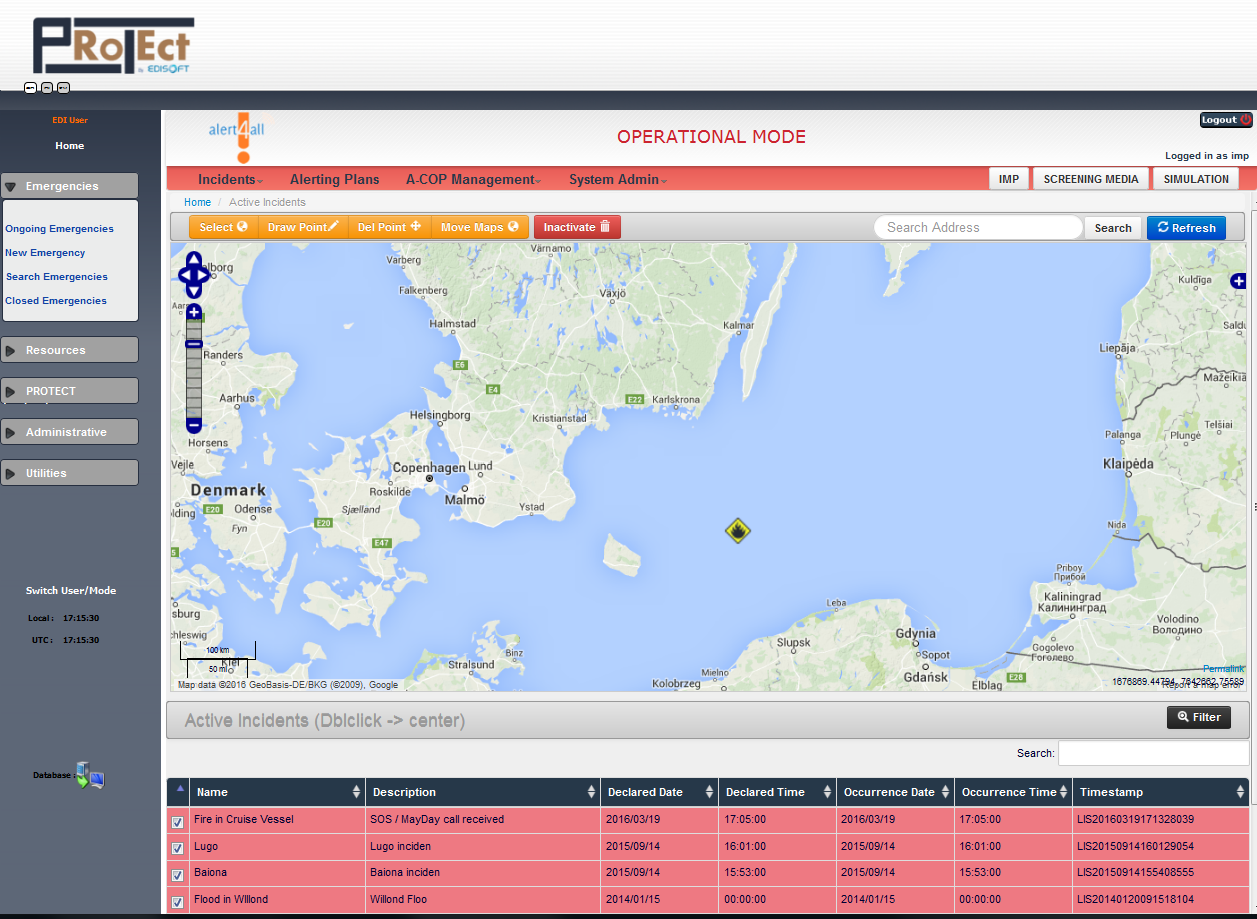
1. **The user visualizes (or as alternative draw a point to fill) the event position and the incident characterization.**

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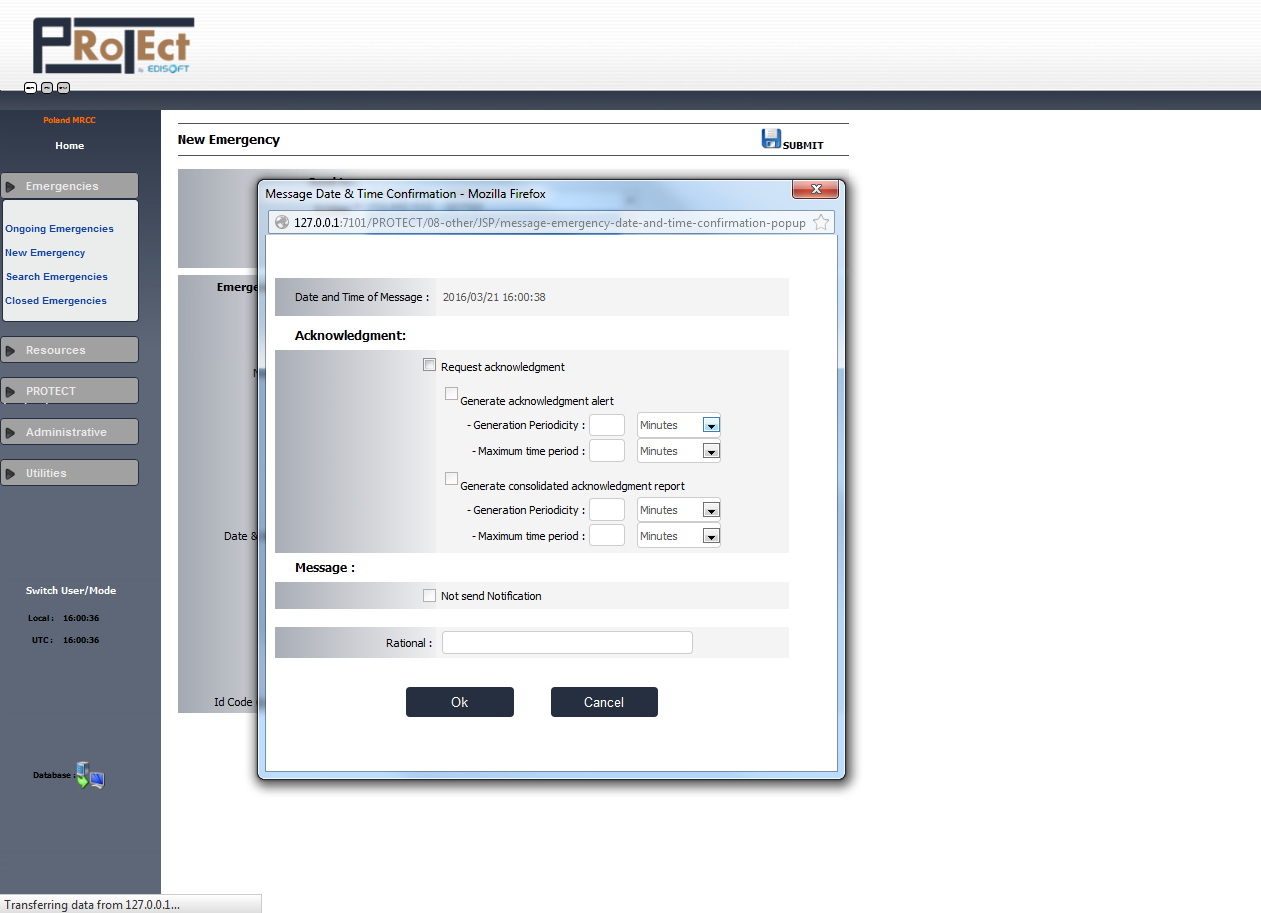
1. **The emergency status is activated and characterized to be used by other entities.**

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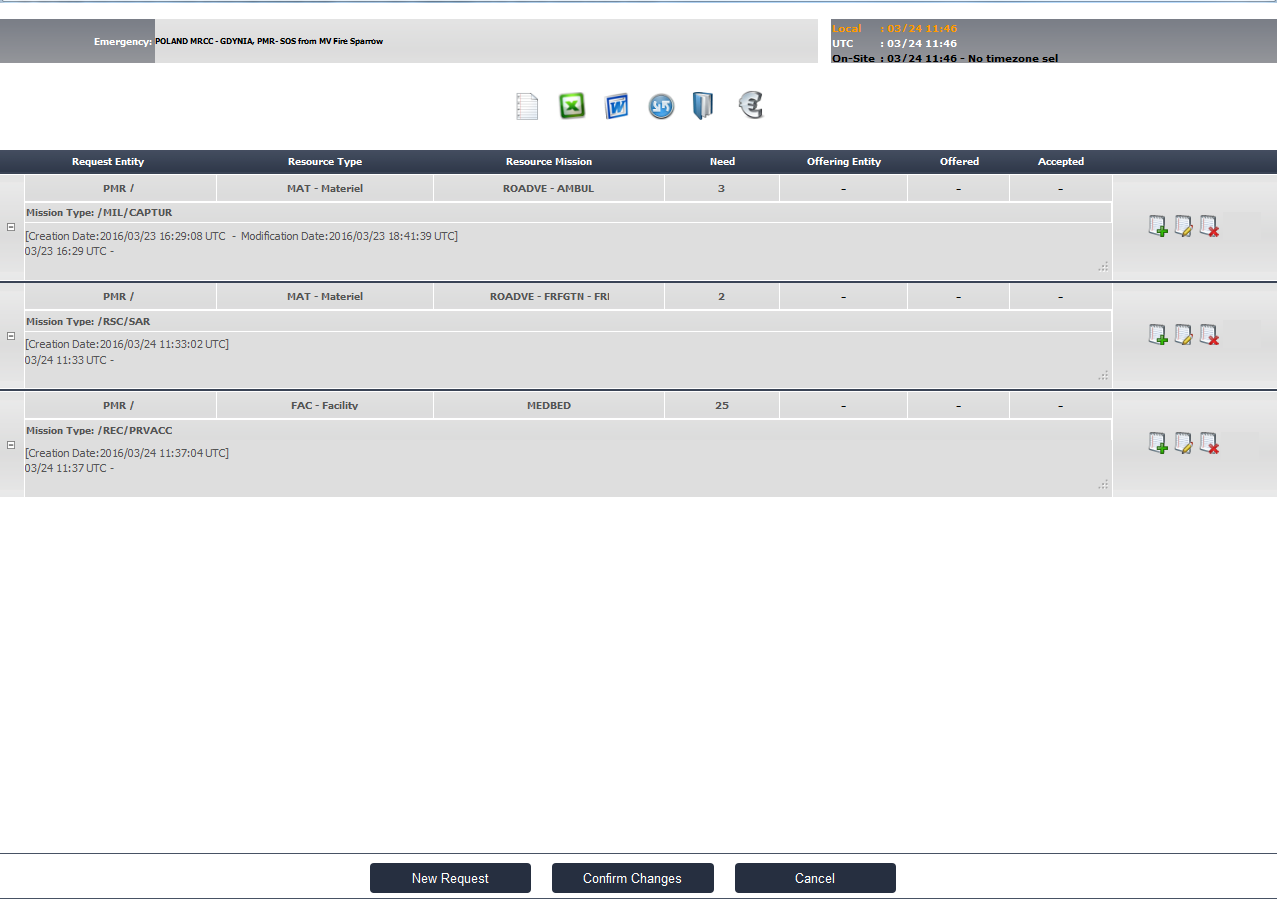
1. **The Incident is now available and included in the map.**

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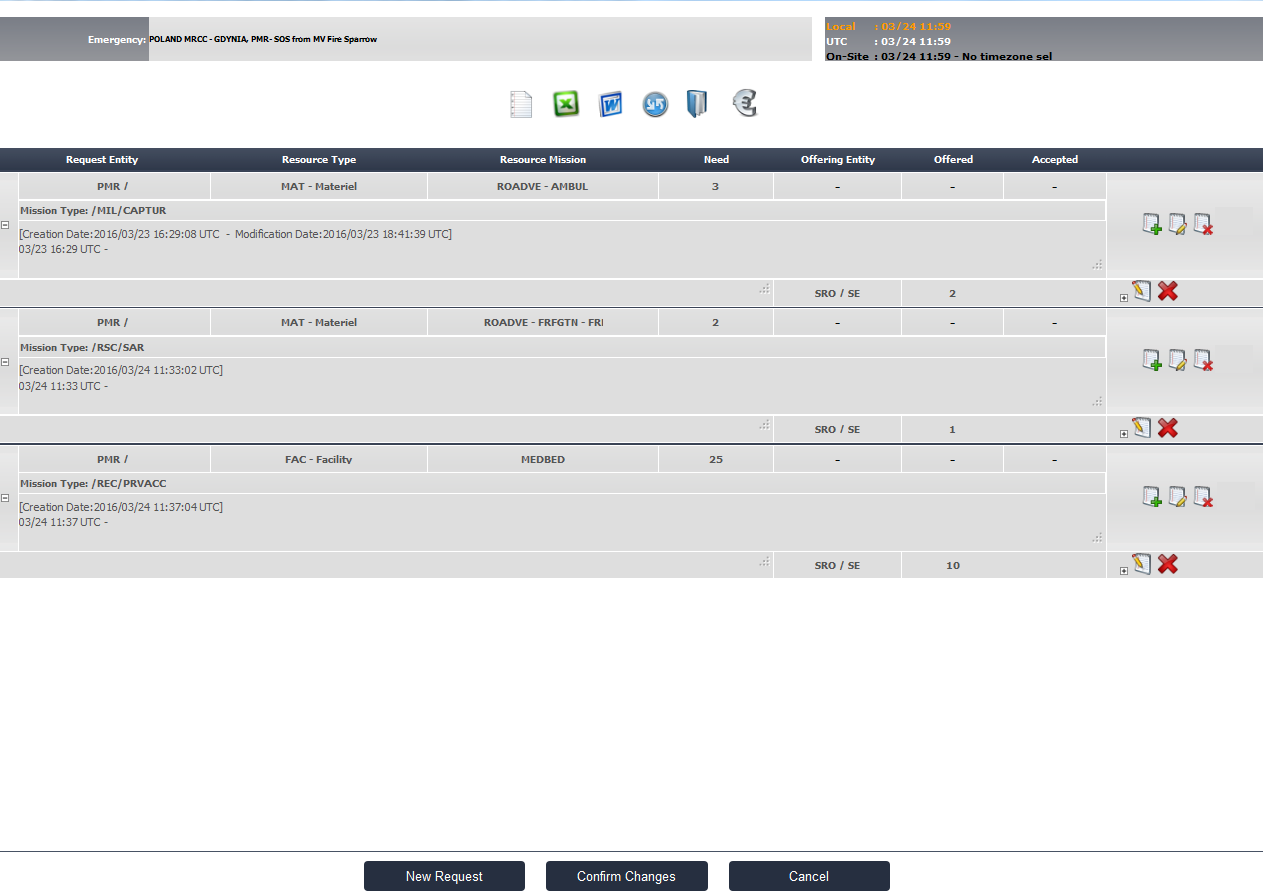
1. **The incident is now in the system and using Protect, a notification can be sent to the others registered authorities system using the CIS (EMSI messages).**

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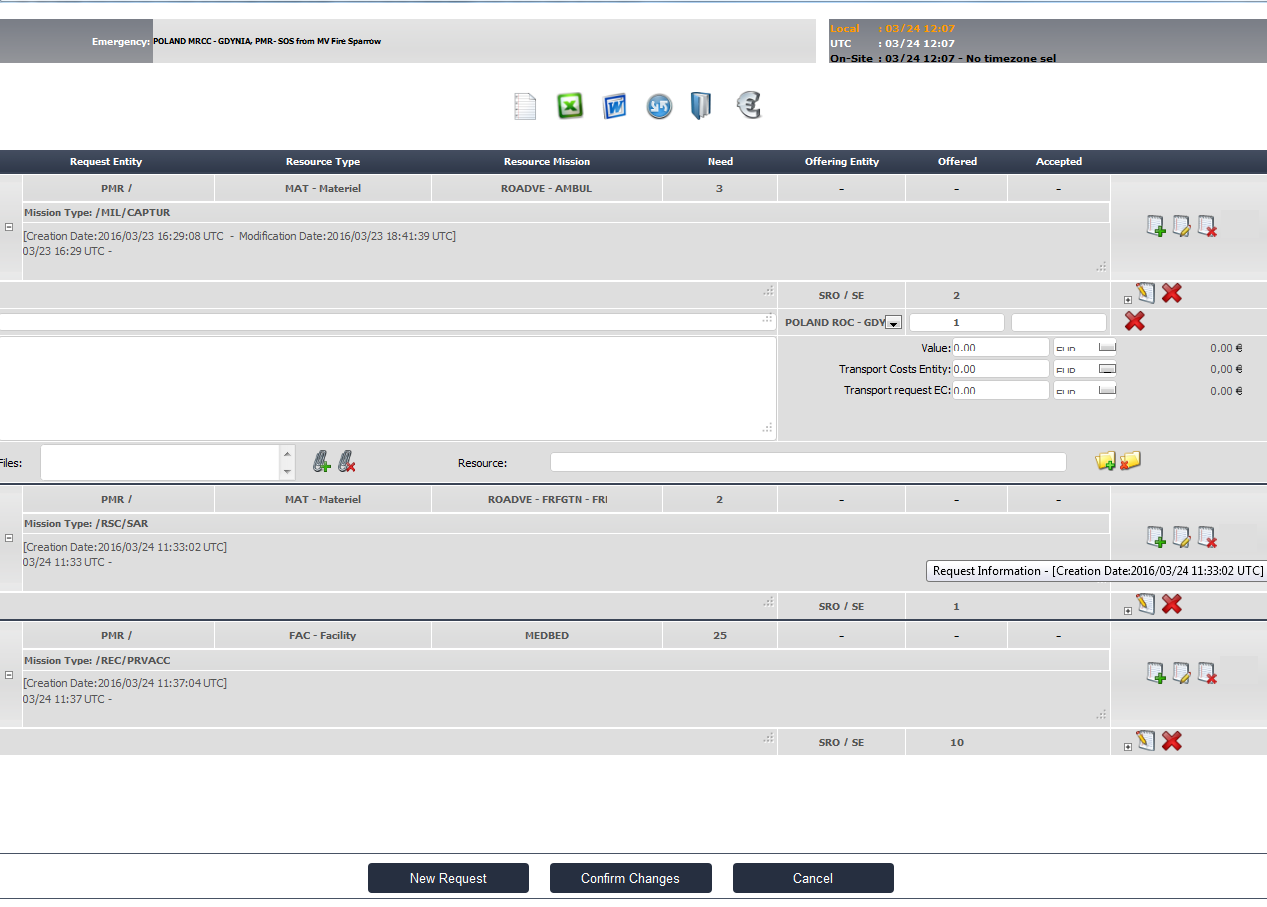
1. **According to the information gathered from the assets and the amount of own resources that are available, LOC asks NOC for cooperation in the incident response.**

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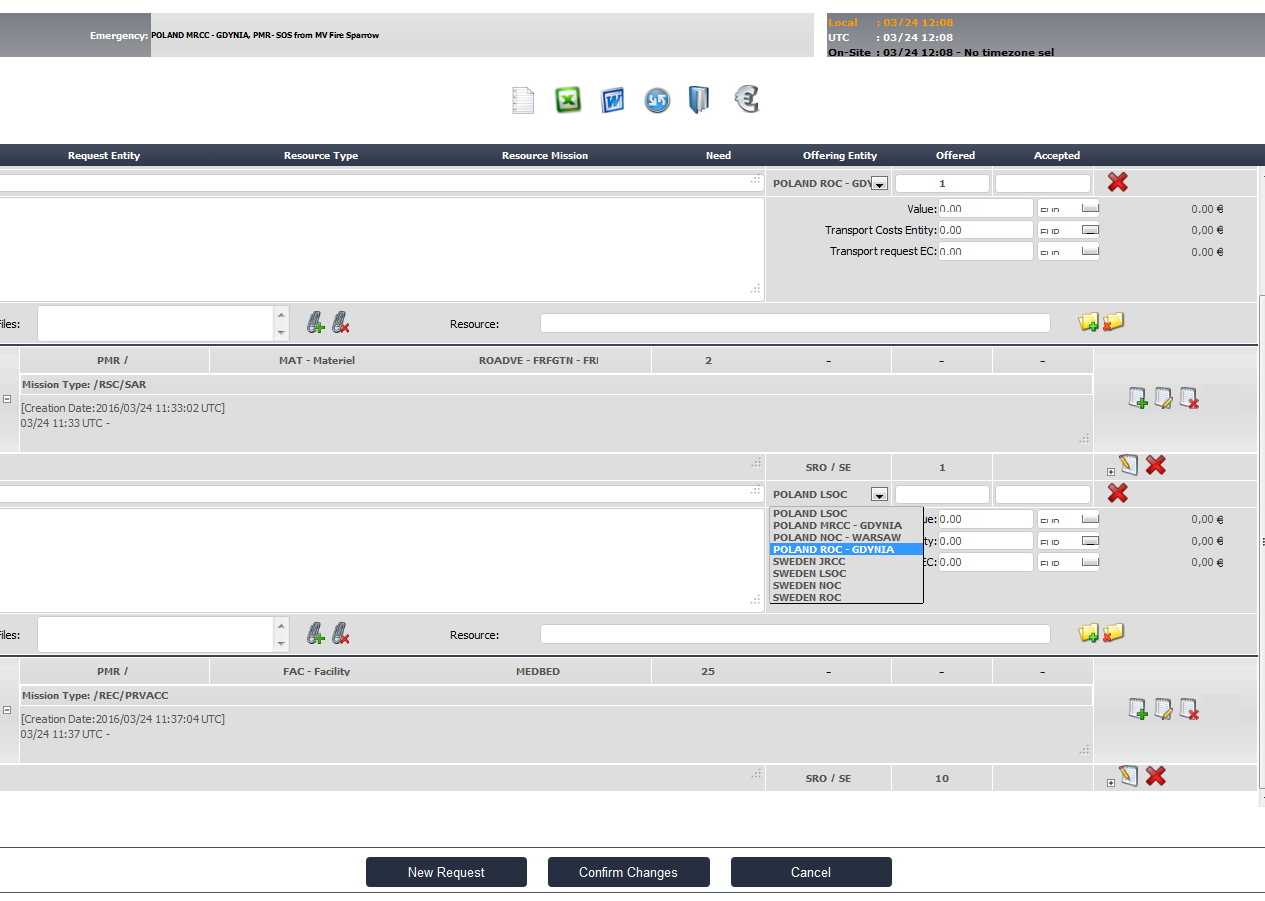
1. **NOC start to answer for the request for assistance with the amount of resources available.**

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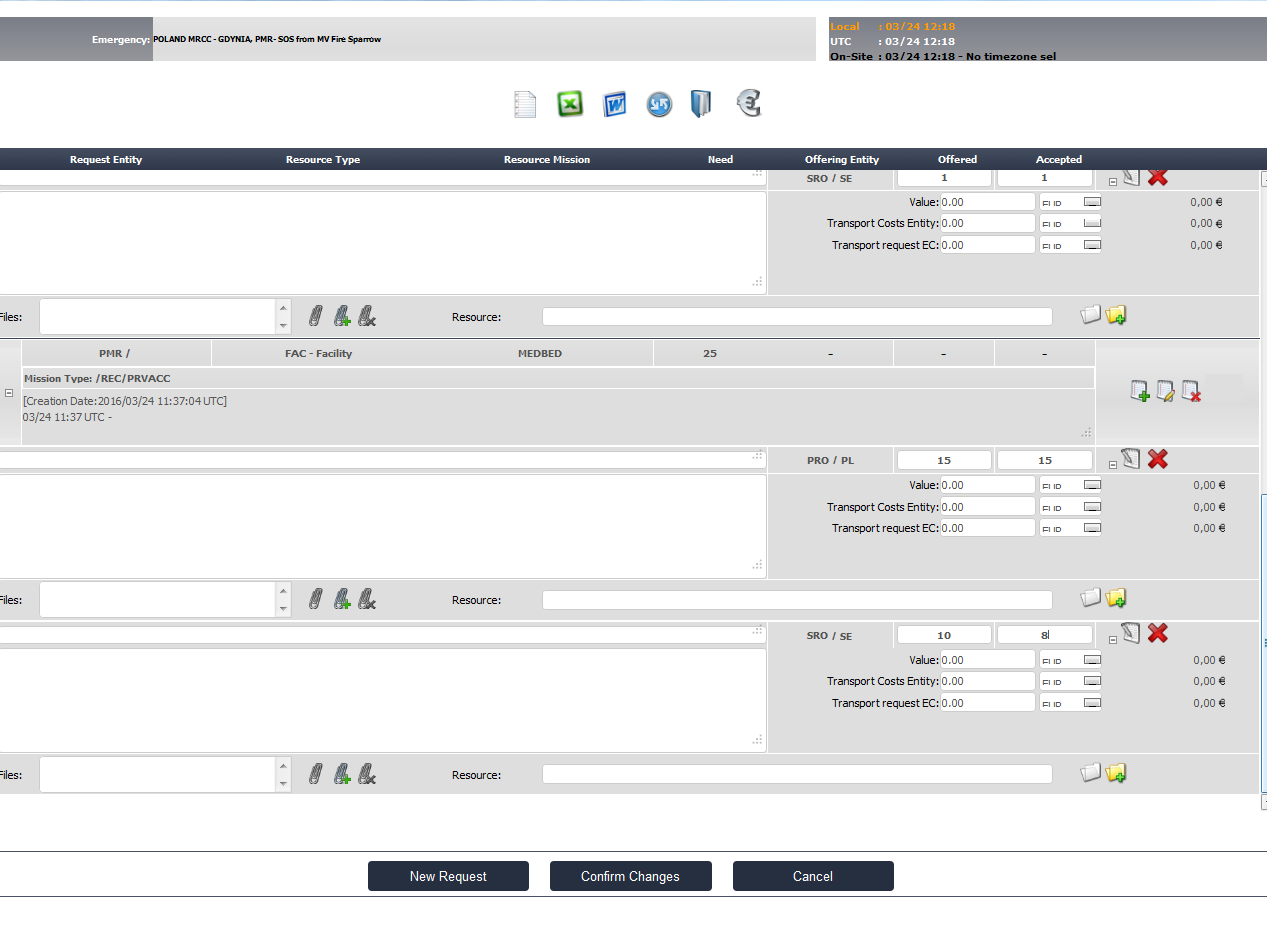
1. **NOC inform LOC about the costs involved**

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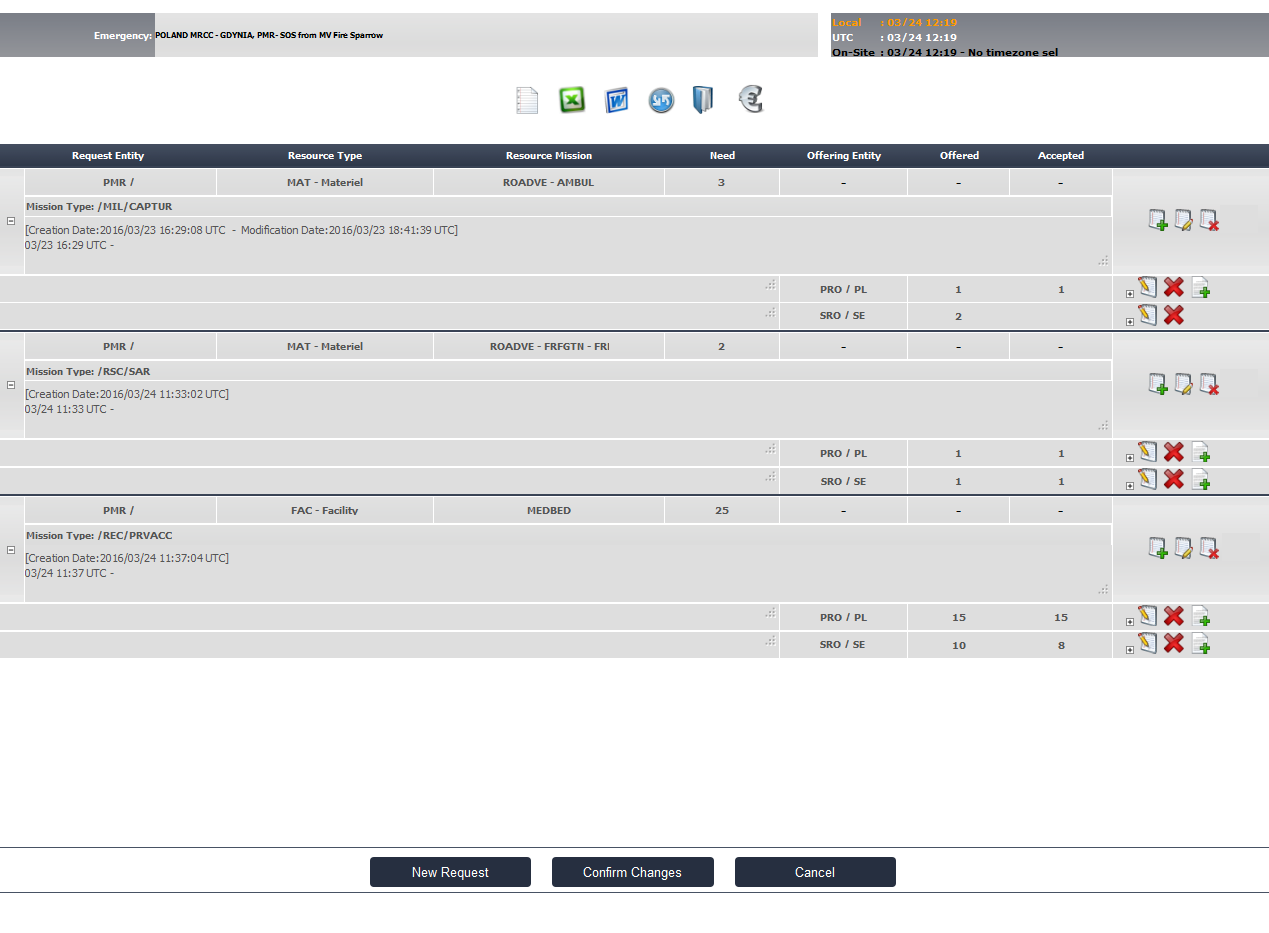
1. **LOC user selects the authority that is offering the request for assistance**

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1. **Taking into account previous information from NOC and other entities, LOC accept or refuses the request for assistance**

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1. **Example of a request for assistance final resume**

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1. **This information will be available to other entities in the CIS**