

## UC7: “Emergency”

- *Context of use.* Automatic and semi-automatic accident/incident notification and key info (i.e. type of cargo, level of loading, location of different compartments’ loading, etc.) provision to emergency support teams.
- *Primary actor.* The system (in semi-automatic cases could be the driver).
- *Input (trigger).* The system identifies emergency (with regard to accident).
- *Output.* The system provides all required info to emergency teams (i.e. vehicle position, type of cargo, type of accident/incident, etc.) and the emergency teams proceed with the mitigation of the accident/incident.
- *Main success scenario(s).*
  - ⇒ **Step 1:** The system identifies incident/event that requires intervention of the enforcement teams.
  - ⇒ **Step 2:** The system provides alarm to the enforcement teams, together with all required info with regard to the load, the vehicle, the driver, etc.
  - ⇒ **Step 3:** The enforcement teams confirm receipt of alarm, key info notification and availability for mitigation and proceeds with the intervention.
  - ⇒ **Step 4:** *Notification to interested parties of the logistics team is held (UC6).*
- *Connected UCs and extensions.* There is an interrelation with UC6; in some cases alarm is provided in both emergency and enforcement teams. In case the emergency unit that has been provided with the alarm is not available for mitigation, then notifies the system for non-availability and the system redirects the alarm to the closest emergency unit and so on... Connection to UC9.
- *Indicative scenarios of use.*
  - ⇒ “Cargo explosion detected at Vehicle Y”.
  - ⇒ “Vehicle Z roll-over”.
  - ⇒ “Leak detected in Vehicle Z...”