|  |  |
| --- | --- |
| Input contribution  Use case | |
| Use Case Title:\* | Use case for Special vehicle priority pass |
| Group Name:\* | TP#24 |
| Source:\* | CMCC |
| Contact: | Yawen Niu ([niuyawen@chinamobile.com](mailto:niuyawen@chinamobile.com)) |
| Date:\* | 2016-7-18 |
| Abstract:\* | Propose to add the use case for Special vehicle priority pass for urgent cases. |
| Agenda Item:\* |  |
| Work item(s): |  |
| Document(s)  Impacted\* | Technical Specification TR 0026 – Vehicular Domain Enablement Technical Report |
| Intended purpose of  document:\* | Decision  Discussion  Information  Other <specify> |
| Decision requested or recommendation:\* | Approval of the Use Case |

oneM2M IPR STATEMENT

“Participation in, or attendance at, any activity of oneM2M, constitutes acceptance of an agreement to be bound by all provisions of IPR policy of the admitting Partner Type 1 and permission that all communications and statements, oral or written, or other information disclosed or presented, and any translation or derivative thereof, may without compensation, and to the extent such participant or attendee may legally and freely grant such copyright rights, be distributed, published, and posted on oneM2M’s web site, in whole or in part, on a non-exclusive basis by oneM2M or oneM2M Partners Type 1 or their licensees or assignees, or as oneM2M SC directs.

* 1. **Title**

Special vehicle priority pass.

* 1. **Description**

In some urgent cases, special vehicles (such as ambulance) need priority pass to save time. In this cases, if the vehicle service centre can make a real-time pass plan for related vehicles and traffic lights, it will help special vehicles to save time a lot.

* 1. **Source**

CMCC

* 1. **Actors**
* Vehicles (M2M Devices embedded in vehicles)
* Traffic lights (M2M Devices embedded in traffic lights).
* Vehicle Service Centre
  1. **Pre-conditions**
  2. **Triggers**

1. The special vehicle sends the priority pass request to vehicle platform.
   1. **Normal Flow**

* Vehicles (including special vehicles) report data (such as location, speed, direction…) to vehicle service centre.
* Special vehicle sends the priority pass request to the vehicle service centre
* Vehicle service centre analyze the vehicles data and make a priority pass plan
* Vehicle service centre sends the priority plan to related vehicles and traffic lights
  1. **Post-conditions** (if any)

NONE.

* 1. **High Level Illustration (**as applicable)
  2. **Potential requirements (as applicable)**
* The vehicles can get the data (such as location, speed, direction…) and report to vehicle service centre
* The special vehicle can send the request to the vehicle service centre
* The vehicle service centre can analyze the traffic and make a priority pass plan
* The vehicle service centre can send the priority pass plan to related vehicles and traffic lights.