

ABSTRACT**Installation for the simulation of the state of radio communication between entities engaged in an operation**

The simulation installation for simulating the status of radio communications between entities comprises: an entities generator (220) providing the ability to define a set of entities engaged in the operation and a status data base of the status of entities (201) grouping together, at each time instant, the covering status of each entity; the scenario development means (240) for developing a suitable scenario, capable of describing the sequencing of actions to be performed in the operation and a status data base of the status of the scenario (241) grouping together, at each time instant, the current status of the scenario; a radio traffic generator (260) capable of simulating the radio traffic between the various different entities; a central simulation module (200) for simulating the operation, capable of executing the scenario and defining the consequences of the actions provided for by the scenario and capable of integrating these consequences in the progressive unfolding of the scenario; and a rendering module (520) for rendering of the status, over time, of the radio communications between entities engaged in the simulated operation.

The central simulation module (200) is capable of executing the scenario based on the status, over the course of time, of the traffic of radio communications between the entities engaged, as simulated by the radio traffic generator (260), and the installation includes the scenario modification means (440) for modifying the scenario in the scenario status data base (241), based on the status of the scenario executed by the central simulation module (200), and by taking into account the status of the communications traffic.

Figure 2