

Studio SPE has recently been part in the EU funded Eureka project E!ONE (Optimized New Engine). The project had as its main target the development of a novel production management system for the well known italian motorcycle manufacturer Aprilia - Piaggio Group, to allow the tracking of all the critical components installed on a motorcycle throughout their life cycle. From now on it will be possible to track and archive all the relevant production and maintainance infos related to every single component upto its eventual substitution.

Within the project, Studio SPE has been charged of the activity to search and evaluate the best technological RFID solution for the critical assembled components' tracking.

One of the main contents of the research has been the selection and characterization of the different usable RFID tag typologies. The activity ended with an on-site testing of a demo software used to simulate the critical componenet tracking to let the company to plan the correct aftersales selected recall procedure.

The main project partners have been:



[Aprilia - Gruppo Piaggio - Italy](#)

(main contractor)

ACTsolutions
Analytics and Control technology

[ACT Solutions S.r.l. - Italy](#)

(partner)



[EST Enerji - Turkey](#)

(partner)