عنوان فارسی مقاله:

فرا مدل جنگ الکترونیکی برای سیستم های مركزي شبکه

عنوان انگلیسی مقاله:

An Electronic Warfare Meta-Model for Network Centric Systems

توجه!

این فایل تنها قسمتی از ترجمه میباشد. برای تهیه مقاله ترجمه شده کامل
با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک کنید.
V. CONCLUSION

Modem warfare operations are ever more based upon a continuous flow of strategic information. Nowadays processing and communication technologies enable the possibility to share and integrate information among the 28 different entities of a distributed army. This technological condition only represents a base line for the realization of network centric operations. The next fundamental step for the achievement of this objective, consists of a knowledge engineering work aimed at defining ontological representations of the scenario perceived by the different network centric cooperating entities. These will represents shared domain vocabularies enabling seamless communication and cooperation among sensors, weapons and platforms made in different times by different organizations. In this paper we have presented a simplified version of a meta-model describing the Electronic Warfare domain we have realized for the knowledge base structure of an Elettronica S.p.A. product called EW-Manager. The EWManager is an enhanced processing unit aimed at integrating, in a unique picture, all the information provided by the different sensors installed on a platform and those retrieved from cooperating platforms.