Purpose and Composition of Multi-Agent System for Decision Support by Evaluating Operational Reliability of the Air Separation Plants of Stations Designed for Military Applications

I. Yu. Akulov

Air Force Academy named after Professor N. E. Zhukovsky and Yu. A. Gagarin, Voronezh, Russia

Keywords: agents; analysis; database; intelligent agents; models; multi-agent system for decision support; reliability.

Abstract: The paper describes the functional structure of a multiagent system for decision makingsupport, its main subsystems, features of the object and the functions which it can provide. The authors describe the functional environment of the multi-agent system of decision support for assessing the operational reliability of the air separation of air separation units for military purposes and its main features.