

Alert-Response for Distributed Surveillance: DODAF-based Services and Systems

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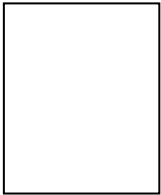
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Abstract— Over decades of research and development in surveillance domain, multimedia surveillance systems have achieved a great maturity level. However, due to the distribution of surveillance capabilities in current surveillance systems, new challenges on how to manage and coordinate alerts and responses among the distributed parties becomes a challenge. These alerts and responses are the two very important information items in establishing effective collaboration among the distributed smart surveillance systems. This research aims to develop an enterprise-scale alert-response management framework based on DODAF 2.0 services and systems model. The proposed framework may be considered as generic information assimilation and coordination framework for different surveillance scenarios.

Keyword— Alert, DODAF 2.0, enterprise architecture, multimedia surveillance, response



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