

Integrated Emergency Response Application

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Abstract

Faster response times to critical events is the focus of government agencies to ensure a safe & secure environment for the community at large. Organizations using advanced technologies will achieve these response times with ease. With disparate systems spread across various entities, system integration plays a vital role in the successful deployment of an integrated emergency response system. Stakeholder communication, resource mobilization, multi-entity coordination, dynamic response workflows, high availability of systems, business process mapping are some of the key success factors that must work in sync & real time to effectively make ERS work for the public.

Avineon has been addressing various challenges posed in the ERS for government agencies through custom applications developed using ESRI technologies & Avineon BPM suite, Avineonics. A web version/mobile version of the custom ERS application developed by Avineon team, deployed on iPad devices enables the field engineers to respond to critical events in real time. This application has workflows deployed to address damage assessment, categorization of the event types by severity and integration with Avineonics. The solution is extendable and independent of a geographical region.

This paper will provide the details on the emergency response business cases & benefits for the organizations which are involved in the emergency response systems.