



Harnessing Innovation to Automate Emergency Operations

An Air Force Air Logistics Complex harnessed innovation to improve emergency operations by leveraging existing systems and automating processes.

How RG Assisted the Air Force with Emergency Management Operations

The Emergency Operations Center at the Ogden Air Logistics Complex (ALC) tracked personnel using a paper-based system during emergency situations. This method was error prone and time consuming to maintain. A faster and more accurate tracking method was needed to ensure all personnel were accounted for during emergencies or incidents on base.

RG was selected to develop the Emergency Management Command and Control Application (EMC2), a real-time tracking system of personnel during emergencies or other incidents, while protecting personally identifiable information (PII).

The time and attendance system used to log man hours and chain of command records was an existing system capable of providing accurate personnel data. Using the data from the time and attendance system, a robust automated system was developed to eliminate the paper trail process that the Emergency Operations Center used. The automation enabled all personnel to be tracked in real time during emergency situations. RG provided program management, technical programming, requirements management, configuration and change management, system testing and sustainment, and training to the U.S. Air Force emergency operations center for creation of the EMC2 application.

Innovative Software

Using Agile methodology, the EMC2 application was developed with specific security requirements to mandate Smart Card access and data encryption to identify the location and status of Ogden ALC personnel based on their work assignment. The application quickly and accurately produces accountability for over 8,500 personnel, while mitigating the potential exposure of PII to loss or misuse.

Embedding Innovation

EMC2 became an integral part of the Air Force Emergency Management process and the functionality continues to expand to satisfy the growing needs of the Emergency Operations Center.

Outcomes Delivered

- Eliminated paper tracking in emergency situations
- Recognized as a Top 30 Finalist in ACT-IAC's 2017 Igniting Innovation event



Contact Us

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About RG

RG partners with clients to test and refine every solution to meet their exact needs. We take pride in tackling complex management challenges with fresh and innovative insights and in transforming our clients' vision into reality.