



Neova Case Study

# Situational Awareness Software For A Renowned Security Solutions Company

## Overview:

Our client is a leading security solution provider who has developed and installed a gunshot detection system. The system consists of gunshot detection sensors networked together and connected to a gateway application. Alert notifications are mailed and visible on the Situational Awareness (SA) Software.



## Challenges / Objectives:

- Overcome the shortcomings of the earlier SA software version
- Migrate solution to a distributed architecture for improving processing time
- Add new features for event notifications
- Integrate and Migrate to a new standard database

## Our Solution:

- Designed and implemented client-server architecture
- Integrated MongoDB database and migrated the data
- Email and SMS notification functionality was implemented
- Multiple sites and floorplans functionality was designed and implemented.

# Results & Benefits:

- After changing the complete architecture of the software, clients can now be remotely monitored
- Capacity has been increased without compromising on the performance and response time
- Advanced features such as SMS / Email notifications are now available to the users



## About Neova:

Neova is in the business of transforming your ideas into beautiful products. Our passionate group of software professionals will deliver your dreams with out-of-the-box thinking and a can-do attitude.

Excellent depth and breadth of knowledge across our core technologies, and our workplace methodologies have led to successful engagements and deliveries to clients ranging from Fortune 500 to startups.

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# Thank You!