



## Offering smarter software testing services for a global security system company

### Industry:

Security and Surveillance

### The Client:

Our client specializes in intelligent video surveillance analysis and managing products for intelligent video surveillance and security applications. The main purpose of the intelligent surveillance system is to provide real time event detection based upon established rules. The software has the ability to distinguish between objects and their behavior and keep a track of the events captured by a camera or CCTV.

### Business Objective:

Our client's intelligent surveillance software algorithm enables motion detection more effectively than any human can. The software proactively monitors numerous simultaneous video feeds, track objects, classify each object and compare the behavior of those objects to given set of rules. The software has the ability to identify, classify, and understand the behavior of events.

### Solution:

We were handed over the responsibility of developing a testing lab for configuring the hardware and installing the software to be tested. A large number of tests including regression, functional and ad-hoc testing were used to ensure that the resultant software is error-free and has no bugs. Manual testing was carried out in five phases.

### Challenge:

Our professional testing team used their skills to systematically test various aspects of the software. Test system designs and components were prepared during the Test Design phase. After the tests cases are designed in the Test configuration phase, they are executed in the Test Execution phase, using Client's bug tracking tool. Finally the test results, analysis and reports are delivered in the Test Analysis and Test Reporting phases.

### Technology:

- Client's various Bug Tracking tools

### Benefits:

- Prepared and executed around **800 test cases** to ensure that the product is bug free.
- In period of **12 months** around 5 projects were executed on time completion.

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# Case Study

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