



# Navayuga Infotech

A CMMI Level 5 & ISO 9001 Company



# Introduction

Field inspections, field data collection and other field operations are activities that are part of many organizations. The activities range from routine asset maintenance inspections, door to door surveys, HSE inspections, inspections for issuing permits, bill collection, pickups and deliveries and so on and so forth.

Organizations face many challenges in coordinating such field activities and managing their field task force.

HawkEye is a one stop solution for managing every aspect of Inspections. HawkEye allows organizations to perform paperless real time field inspections with the use of specialized field inspection software. HawkEye helps organizations to improve the efficiency and speed of carrying out inspections, standardize inspection processes and automate workflows.

HawkEye has a web based back office system and an mobile based field inspection software.

The web based back office system performs Administration, Inspection Scheduling, Case Workflow Management, Inspector Tracking, Reporting and Notifications and much more. The system is integrated with Google Maps to provide the necessary Geospatial support for location based inspections and tracking.

The field solution allows inspectors to perform easy and efficient field inspections with customizable standard forms, photo capture facility, and ability to take customer signatures and provides voice guided Navigation to inspection site. The app integrates with device GPS to geo-tag inspections and transmit inspector's location. The app allows inspectors to work offline when they are outside the network coverage area.

The applications are built using the latest technologies adopting a Service Oriented multi-tier architecture to support different deployment requirements.



# Modules and Key Features

## Administration and Configuration

- Configure Inspection Categories and Inspection Types
- Configure Violations and Fines
- Configure Inspection Forms and Customer Forms to standardize data capture templates to provide reliable and consistent results
- Configure Inspection and Case Management Workflows to streamline processes across the organization
- User management with application and data authorization for added security

## Task Management and Inspector Tracking

- Comprehensive Task Scheduling and Workflow Engine
- Automatic inspector selection
- Send immediate tasks to inspectors
- Specify inspection location using maps
- Schedule routine inspections
- Automatic and manual follow up inspection scheduling
- Save frequently inspected locations and track history of inspections for a saved location
- Monitor and track your field officers in real time
- Define inspector Geo-fences on a map and receive email alerts for geo-fence violations

## Case Management and Reporting

- Receive inspection reports in near real time
- Audit track every action in the workflow
- Print case information with photos, maps, customer information and customer signature
- System managed workflow to collaborate and resolve cases
- Generate management reports and dashboards to support decision making
- Plot inspections on a Geospatial map to perform analysis such as concentration of violations, concentration of incidents or accidents etc. on a map.

## HawkEye Mobile Solution

- Capture incidents, violations or perform routine checks, collect field data and perform surveys
- Optimize field operations with the Integrated Maps and GPS Navigation
- Support for offline mode and auto data synchronization
- Voice guided navigation to task location
- Inspection Forms
- Capture photos, attach files
- Customer Forms
- Capture customer signatures with a stylus
- Reliable Data Validation
- Automatic Incident/violation Location capture
- Receive notifications when crossing geo-fences

## Benefits

- Maximize the work efficiency of your field task force
- Reduce operating costs by efficient task distribution and scheduling
- Generate revenue by identifying violations and collecting fines
- Standardize inspection processes and work with reliable field information

**NAVAYUGA**



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