

## eVigilo Ltd

### eVigilo Integrated Alert Distribution Center (IADC)



#### Solution Description

eVigilo Integrated Alert Distribution Center (IADC) is an emergency control, management and alert distribution center solution that enables authorities to communicate with the public and first responders in times of crisis. Geographic targeted alerts and/or notifications are sent to the affected public and respective first responders within the polygon created with the help of the integrated GIS engine. All means of communication (mobile, tv, radio, sirens, pagers, bill boards, IP, etc.) within the polygon are being triggered and deliver the information to the respective recipient.

#### Features & Benefits

**Geographic Targeted Information:** through GIS integration, it is possible to send the alerts/notifications only to the affected population.

**Machine2Machine Notification:** Besides manual operation through support of the CAP (Common Alert Protocol), it is possible to integrate any kind of event notification source (such as sensors and others) and initiate automatic alerts/notification based on the event source and location without any human interference.

**Multi-Channel Notification:** Through creation of the respective polygon in the target area, all available means of communication in the selected sector are initiated (such as mobile phones, bill boards, variable message signs, sirens, pagers, TV and radio).

**Reliability and Availability:** System designed to support not only high availability but also remote site redundancy (active active mode) to ensure maximum reliability in times of crisis. The system works in a way capable to deliver alerts and notifications even when other systems collapse.

**SGA (Special Group Alert):** Besides sending information to the public, it is also possible to send segmented and encrypted cell broadcast messages to first responders (Police, Rescue Forces, Fire Department etc.) messages sent on a “need to know” basis to those in the specific distribution group.

#### Value Proposition

eVigilo IADC enables the authorities to communicate with the public in times of crisis helping them to manage the situation in a more effective manner. Regardless of the network status, authorities are able to send vital information to the public. Through the SGA feature, it is furthermore possible to communicate with the first responders through an encrypted channel, sending information that is not relevant to the public. All the aforementioned is being achieved through the given infrastructure without the need for additional elements.

#### IBM Segment

- Information Management

#### Business Function

- Data Management

#### Target Industry

- Communications Service Provider
- Government

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