[CLAIMS]

[Claim 1]

A monitoring system for event related data from a plurality of sensors, comprising:

receiver means for receiving the event related data from a plurality of sensors;
coverage analyzer means for analyzing predetermined data and the event related data from the receiver means, the predetermined data including sensor coverage information; and
sensor selector means, coupled to the coverage analyzer means, for selecting one or more of the plurality of sensors based on the analysis by the coverage analyzer means, wherein the sensor coverage information includes information concerning Field of Regarding (FOR) of the plurality of sensors.

[Claim 2]
The system in accordance with claim 1, further comprising a sensor actuator means, coupled to the sensor selector means and the plurality of sensors, for actuating the one or more of the plurality of sensors selected by the sensor selector means.

[Claim 3]
The system in accordance with claim 1 or 2, wherein the predetermined data further includes map information concerning wall or other space defining structures.

[Claim 4]
The system in accordance with claim 1 or 2, wherein the sensor coverage information includes information concerning Field of View (FOV) of the plurality of sensors.

[Claim 5]
The system in accordance with claim 3, wherein the coverage analyzer means analyzes data based on installed configurations of sensors, the sensor coverage information and the map information.

[Claim 6]
The system in accordance with claim 5, wherein the coverage analyzer means determines one or more of the plurality of sensors that may capture an object as it moves away from an event location in response to the installed configurations of sensors and the event related data.

[Claim 7]
The system in accordance with any one of claims 1 to 6, wherein the coverage analyzer means analyzes the data in accordance with a rule based algorithm method, a machine learning algorithm method and/or a geographical map based algorithm method.

[Claim 8]
The system in accordance with any one of claims 1 to 7, wherein the