MATRIX VIDEO SURVEILLANCE: TRIP WIRE DETECTION

MATRIX
SECURITY SOLUTIONS

DESCRIPTION

❖ Trip Wire is one form of security breach where an outsider enters a restricted/critical zone involving a threat to his/others life or any other danger.

❖ Matrix SATATYA SAMAS detects Trip Wire if a marked virtual line is crossed in an inward or outward direction during a pre-defined time period.

❖ On detection of Trip Wire, the system sends notifications in the form of SMS, Email, Video Pop-up, Audio, Alarm, etc.
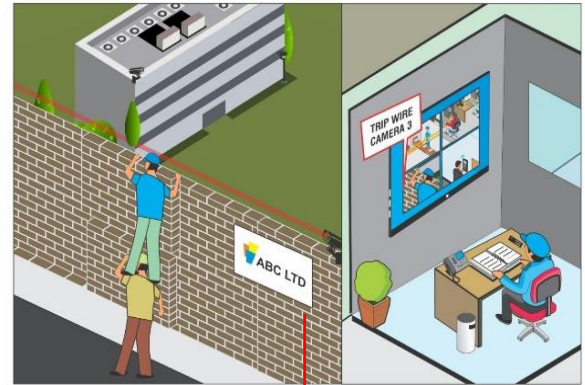
BENEFITS

Employee Safety
by Preventing Intruders

Asset Protection
by Preventing Thefts

Improve Productivity
by Avoiding 24*7 Live Monitoring

Quick Investigation
with Event based Search

Actions
- Record Event
- Set PTZ Position
- Capture Image/Clip
- Open Door

Alerts
- E-mail with Snapshot
- SMS
- Video Pop-up
- Alarm

APPLICATIONS

Trip Wire detection can be useful in outdoor and indoor areas of manufacturing units, banks and educational campuses, where security and safety are of utmost importance.

For example, in a manufacturing facility, Trip Wire can be useful in providing safety and security in the following manner:

Security

Trip Wire can be useful in securing perimeters of the manufacturing unit. Virtual fencing can be done by marking a virtual line over the boundaries of the manufacturing unit. If anyone tries to cross the boundary wall or throw some material across the boundary walls, an alert will be sent to the concerned person immediately.

Safety

Certain hazardous materials are present in manufacturing units, which need to be protected from general access to avoid accidents or injury. This can be done using Matrix Trip Wire solution. We can define a virtual line along with inward and outward directions, to generate an alert in case of any unwanted intrusion. This alert can be sent to the monitoring station for notifying security at the central control station.

CONFIGURATION

❖ A virtual line should be marked at the restricted area.
❖ The camera should be mounted exactly above the virtual line drawn to capture any movement across the virtual line.
❖ User can define the dimension of the virtual line.
❖ Then configure the mode of action/alert, which should be triggered on detection of the Trip Wire event.
❖ Schedules can be configured for the restricted hours.

For more information:
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