

Integrated Security and Communication Solutions

Integrating systems for intrusion and fire detection, access control, video surveillance and communications improves security and reduces complexity. Increase situational awareness and ensure an effective response by triggering automatic announcements based on security events.








Scenario	Trigger	Actions
Back door opened / sensitive area entered	Surveillance camera with video analytics, access control card reader, door contract, or motion detector	<ul style="list-style-type: none"> An event / alarm is created on the intrusion control panel An event notification is sent via email or text message Paging system plays chime pattern through loudspeakers
Employee in distress or other emergency	Panic button or bill trap sensor	<ul style="list-style-type: none"> An event / alarm is created on the intrusion control panel Paging system sends an automated message (e.g. "panic button two activated") directly to the two-way radios of internal security
Fire in facility	Fire pull station	<ul style="list-style-type: none"> An event / alarm is created on the intrusion control panel Video recording is initiated from a nearby camera Notification of the recorded event is sent directly to manager via email or text message for video verification Paging system sends an automated message identifying location of alarm directly to the two-way radios of internal security
Severe weather	Alert issued by local authority	<ul style="list-style-type: none"> Security operators use a simple mouse click on the BVMS graphical map interface to send a custom message (all call or zone specific) to PA loudspeakers
Building evacuation	Pull station, smoke detector, or panic button	<ul style="list-style-type: none"> Paging system broadcasts pre-recorded announcement through internal and external loudspeakers Emergency personnel can use two-way radios to communicate via loudspeakers inside the building Integrated public address allows for direct communication between two-way radios of internal personnel and first responders

Bosch Products for Integrated Solutions



Bosch products are designed to work together to maximize facility control, better mitigate risks, and make systems easier to use and manage.

All video and security devices can be centrally managed using the graphical map in BVMS.



Intrusion

	Control panel	B Series G Series
	Motion detector	Blue Line Gen2 Series Commercial Series Professional Series RADION wireless
	Panic button	RADION panic
	Bill trap	RADION specialty
	Door/Window contact	RADION contact SM RADION contact RM




Video

	Video management	Bosch Video Management System (BVMS) v7.0
	Cameras	FLEXIDOME IP fixed dome cameras AUTODOME IP moving cameras DINION IP fixed cameras

Fire

	Pull station	Single- and double-action manual stations
	Smoke detector (addressable)	D7050 family (addressable) F220 family (conventional) RADION smoke (wireless)

Communications

	Paging	PAVIRO
	Loudspeakers	LBC 3200 (surface mount) LBC 3951 (ceiling) LBC 3400 (horn)
	Radio dispatch	Telex IP 224 gateway