

FORTUNE 100 INSURANCE HEADQUARTERS-- NEW JERSEY JUNE 18, 2009

The TABS BPSI Building Sentry One System (BSO) is a fully automated QATT- Qualified Anti-Terrorism Technology that has "Full Designation" under the Dept. of Homeland Security SAFETY Act of 2002. The BSO will respond to terrorist or accidental events to protect the lives, health and property of building owners and occupants. This was acutely illustrated on Thursday June 18, 2009 when what an electrical fire in the transit system, external to client's headquarters, set in motion the events that proved the capabilities of the Building Sentry One to quickly and accurately and automatically perform its designated functions. The following is the chronological chain of events as registered and stored in the BSO Alarm History screen. All times are local.

3:57:04PM- 1B Shops Outside Air
CSA3 Bank2 Oxides of Sulfur High Level

3:57:09PM- 1B Shops Outside Air
CSA3 Bank1 Oxides of Sulfur High Level

3:57:09PM- Emergency Shutdown in Progress (this is the signal to shutdown the building)
At this point all the fans and dampers in the building are shutting down, in addition the boilers are shutdown and the elevators are being recalled to the 2nd floor.

3:57:10PM- 1B Shops Return Air
CSA4 Bank2 Oxides of Sulfur High Level

3:57:10PM- 1B Shops Return Air
CSA4 Bank1 Oxides of Sulfur High level

3:57:10PM- CSA3 Shutdown Request logged

3:57:10PM- CSA4 Shutdown Request logged

3:57:33PM- The Network Operations Center operator physically acknowledged the event at the NOC in Queens and called the client Global Security Command Center The (GSCC) initiating the Con-Ops plan as previously defined by Client.



Alarm Time	Address/Zone/ID	Message
6/18/2009 4:22:58 PM	6/18/2009 4:22:23 PM	BSO IN BYPASS
6/18/2009 4:26:17 PM	6/18/2009 4:26:18 PM	BSO SYSTEM OFF
6/18/2009 3:57:04 PM	6/18/2009 3:57:04 PM	1B Shops Outside Air CSA3 SHUTDOWN REQUEST
6/18/2009 3:57:09 PM	6/18/2009 3:57:09 PM	1B Shops Outside Air CSA3 BANK1 OXIDES OF SULFUR HIGH LEVEL
6/18/2009 3:57:09 PM	6/18/2009 3:57:09 PM	1B Shops Outside Air CSA3 SHUTDOWN REQUEST
6/18/2009 3:57:10 PM	6/18/2009 3:57:10 PM	1B Shops Outside Air CSA4 BANK1 OXIDES OF SULFUR HIGH LEVEL
6/18/2009 3:57:10 PM	6/18/2009 3:57:10 PM	1B Shops Outside Air CSA4 BANK2 OXIDES OF SULFUR HIGH LEVEL
6/18/2009 3:57:10 PM	6/18/2009 3:57:10 PM	EMERGENCY SHUTDOWN IN PROGRESS
6/18/2009 3:57:10 PM	6/18/2009 3:57:10 PM	1B Shops Outside Air CSA4 BANK2 OXIDES OF SULFUR HIGH LEVEL
6/18/2009 3:57:33 PM	6/18/2009 3:57:33 PM	BSO SYSTEM OFF
6/18/2009 4:26:22 PM	6/18/2009 4:26:22 PM	BSO IN BYPASS
6/18/2009 4:27:42 AM	6/18/2009 4:27:30 AM	BSO SYSTEM OFF

As can clearly be seen within 5 seconds of the initial high level detection, the BSO detected the event, determined it to be a true event and automatically initiated the building shutdown. Within 23 seconds after the Emergency Shutdown started, the NOC operator was contacting the Client GSCC.

In this instance, the rapid detection and response by the BPSI BSO and the TABS Network Operations Center personnel prevented the building from drawing in all the toxic fumes and smoke from the electrical fire, which was right outside the building next to the 1B Shops Outside Air intake grills. The BSO System also prevented the building from having to be evacuated along with all the resultant lost productivity and possible injuries to those exposed to the Toxic fumes or injured during the evacuation.

As can also be noted from the Alarm History Screen both CSA3 in the 1B Shops Outside Air inlet and CSA4 in the 1B Shops Return Air duct registered the event and triggered Emergency Shutdown requests meaning that both these CSA's detected the event.