

# ACG International School, Vietnam



**BOSCH**  
Invented for life

## Industry:

Education

## End User:

### ACG International School, Vietnam

The school is owned and managed by the Academic College Group (ACG) which owns schools in Vietnam, Indonesia, and New Zealand. With 1.9 ha of ground and a building of 23,000 sqm- incl. libraries, auditorium, gymnasium, cafeteria, swimming pool and tennis court - ACG International School, Vietnam satisfies the high demand of its students. The school is located in Ho Chi Minh City and is attended by 300 students from three to 13 years of age.

## Business Objective:

The board of management of ACG felt it essential to implement a security system that ensures that no one is able to access the school buildings unacknowledged as well as guarantees a fast and immediate response to all safety threats within the school. Being an international school ACG strongly requested the highest security and safety standards calling for reliable, high-quality Bosch products for public address, video surveillance and access control.

## Solution:

As voice evacuation system Bosch's Plena system which offers great reliability through its TÜV-certified IEC 60849 standard was chosen. The Plena Voice alarm controller - the heart of the installed system - can be used as a stand-alone system with up to six zones. For ACG International School the system was expanded to even more zones using four Plena Voice Alarm Routers each of them adding six additional zones to the whole system. Volume override relay contacts are provided for each zone separately for overriding local loudspeaker volume controls. This ensures that priority messages go through with a given volume, even though the local volume controls may be set to a low level for background music, for example. Calls to up to six selected zones can be made by the Plena Voice Alarm Call Station. A total of 40 ceiling speakers, ten horn speakers and one outdoor horn speaker were integrated to the system and installed in the hallways, the 30 class rooms, and the swimming pool area to make announcements and alarms in case of fire or other emergencies audible from anywhere in the school. All speakers provide excellent audio performance at any time and any place even in the swimming pools as the ceiling speakers were specially designed for areas of high humidity.

Along with Bosch's voice alarm system eight Bosch AutoDome



ACG International School, Vietnam

cameras were implemented around the school's walls to monitor the hallways, stairs, main gate, playground, and football ground where most of the kids gather during day time. They have not only the purpose to protect people, but also their property.

In addition, the intrusion system with 20 PIR detectors protects the building from theft and unauthorized access.

## Result:

The newly installed products provide ACG International school with the ability to monitor vehicle and people movement in detail and to respond to any potential safety issue immediately. The high quality of all Bosch products guarantees reliability at any time.

"Bosch is famous for its security systems and solutions and also the biggest European supplier of these products in Vietnam", ACG explained its decision to choose Bosch products to satisfy their needs.

Thanks to Bosch and its partner, Minh Giao Technical and Trading Co. Ltd, ACG International School has been made a safer place.

## Installed by:

Minh Giao Technical and Trading Co. Ltd  
210 Nguyen Thai Binh Dist.  
Ho Chi Minh City, Vietnam

## Bosch Security Systems

473 Dien Bien Phu Street  
Hochiminh City, Vietnam  
+84/ 8 2583690 - 600  
[www.boschsecurity.com](http://www.boschsecurity.com)