



International School of Berne

Emergency and Threat Response System



Security and Communication

Case Study – Commend AG Switzerland



Project Details

Customer

International School of Berne



Type of Project

Emergency and Threat Response System

Basic Project Data

Comprehensive security and communication solution pursuant to EN Standard VDE 0827

Technical Specifications

Intercom Server GE800

Recording Module G8-VolPRec

VoIP card for VoIP server connections and direct integration of SIP telephones

G8-VOIPSERV (SIP Trunk)

Control Desk Basic terminal with TFT display

ComREPORT Reporting and Statistics

Customer-specific Emergency Call Station

Y-WS800 SOSI

Wallmount station with TFT display WS810 PI

Vandal-resistant IP Emergency Call Station with built-in camera WS203 VICM

Vandal-resistant Loudspeaker Module WSLM 56V

IP Intercom Amplifier AF50I

Clock and gong system

The Challenge

The International School of Berne needed an emergency and threat response system for their planned new school building. Because the building was newly constructed, they had no specifications to base their evacuation and lockdown procedures on. This meant that the new school emergency call system had to be extra flexible in terms of configuration to allow for further post-construction fine tuning.

Whenever a school-related security incident occurs anywhere in the world, the school's crisis team reviews the case to update their existing security concept accordingly.



VDE 0827 compliant (school security standard)

Water-tight sealing, IP 54 certified

VDE 0827 and EN 54-11 compliant emergency call button with cullet front cover

Electret microphone for up to 7 m speaking distance

WS 800 SOSI



The Solution

The International School of Berne contracted Siemens Schweiz AG to install the Emergency and Threat Response System described here. The Emergency and Threat Response System is being implemented in cooperation with Commend AG.

A GE800 hardware-based Intercom Server was installed to guarantee full self-sustained availability of the system. The server's modular structure enables the systematic future extension of the system. The entire emergency call system was implemented using only Commend's school building emergency call stations, which provide direct call connections to the in-house crisis intervention team. If required, emergency calls can be relayed automatically to the appropriate police unit at the operations centre.

The police crisis intervention team can use direct communication lines to the classrooms to assess incident situations first-hand and provide instructions and/or psychological support to locked-in persons.

In case of an incident, all calls, announcements and actions taken are recorded and logged as evidence. This information can be used later on to optimise procedures, to improve the system, and also for training purposes.

Thanks to the system's flexible programming capabilities, Siemens Schweiz AG was able to cover all required control and function monitoring features with a single system. Several interfaces are used to automate the building infrastructure in case of an alarm.

Key benefits of the Commend solution:

- Perfect sound quality and intelligibility
- Technical benefits through networking with central office in Vienna
- Easy integration into the existing Siemens system
- Reliability and long product lifecycles
- Cost saving thanks to reduced staff requirements

Brief Company Profile

Founded in 1961, the International School of Berne is a co-educational day school that offers training courses in English to meet the needs of the city of Berne's international community. ISBerne is accredited by the Council of International Schools (CIS) and the New England Association of Schools and Colleges (NEASC). It is also authorised to teach all International Baccalaureate (IB) courses. The school is located in Muri, a suburb of Switzerland's capital Berne.

The International School of Berne is one of only four schools worldwide to be designated an "IB Open World School."

SIEMENS
Ingenuity for life





Security and Communication

NGS – the communication platform for school security



“ As building owner and operator of the school, we consider reliability, a high level of user-friendliness and comprehensive self-monitoring capabilities as crucial to our emergency and threat response system. Commend’s technical solutions won the day in all of these areas. The people at Commend are very focussed on finding solutions. Working with them has been a pleasure. We can confidently recommend Commend as a competent partner for school communication and security systems ”

Margrit Schürch, Business Manager

Real life makes for the best stories

How do Commend solutions cope with the tough real-life communication and security challenges at locations all over the world? Real-life answers to this question are provided by our many case studies on customer projects, available at www.commend.com.

Your local contact person will be happy to answer your questions about individual solutions.

Secure communication systems by Commend

Can you imagine a system that millions of people rely on every day, where every word has to count? That’s the world of Commend! Secure, reliable communication is our passion.

As global market leader with more than 40 years’ experience in developing voice technology, we have integrated video and interfaces to third-party equipment that complies with international norms and standards. Commend is the preferred choice for hands-free voice communication systems all over the world.

Further project references

HTBLuVA (Technical College) Salzburg, Austria

BOKU Tulln (University), Austria

St. Georges International School Luxembourg, Luxembourg

A strong network, worldwide.

COMMEND is represented around the world by local Commend partners to provide enhanced security and communication with tailored Intercom solutions.

www.commend.com



Natural Communication



Audio Bandwidth



High Volume Capacity



Background Sound Suppression



Loudspeaker-to-Microphone Self-Monitoring



Loudspeaker Line Monitoring