



COMMEND

OPEN LEARNING ENVIRONMENTS REQUIRE ADVANCED SECURITY

Advanced Security Building Intercom for Schools and Universities

TRUSTED. COMMUNICATION. ALWAYS.

PROTECTION AND SAFETY THROUGH COMMUNICATION

SAFE LEARNING ENVIRONMENTS FOR SCHOOLS AND UNIVERSITIES



OPEN LEARNING ENVIRONMENTS REQUIRE SMART SECURITY

Schools and universities require communication solutions that go far beyond traditional door intercoms and standalone alarm systems.

Modern educational facilities need systems that deliver information to the right people, connect teams and responsibilities, and support coordinated action when every second counts.

Commend combines audio, video, operator stations, mobile communication and security management on a single, integrated platform.

The result is reliable communication across the entire campus – from everyday operations to coordinated incident response.

Because the platform is used every day, staff remain familiar with its operation and can respond confidently when extraordinary situations arise. It is an investment that delivers value continuously, not only during emergencies.

By implementing Advanced Security Building Intercom Systems (ASBIS), operators strengthen the protection of people, facilities and critical infrastructure while supporting compliance with modern safety and duty of care requirements.

TRUSTED. COMMUNICATION. ALWAYS.

GUIDANCE FROM EUROPEAN STANDARDS

Across Europe, organisations are increasingly expected to align with harmonised standards that support business continuity, safe working environments and resilient operations.

Against this backdrop, **EN 50726 - 1** defines the organisational requirements for **Emergency and Danger Response Systems (EDRS)**, including alerting, verification, responsibilities and operational procedures during critical incidents.

IEC/EN 62820 Part 2 and Part 3 - 2 complement this framework by defining the technical and functional requirements for **Advanced Security Building Intercom Systems (ASBIS)** – the communication backbone that enables effective incident reaction.

Together, **EN 50726 - 1 and IEC/EN 62820 - 2/3 - 2** provide a comprehensive framework for legally compliant, technically sound and operationally effective security communication solutions.



DISCREET

ALWAYS AVAILABLE WHEN NEEDED



HELPFUL

SUPPORTING EVERYDAY CAMPUS LIFE



PROTECTIVE

READY FOR EMERGENCIES AND
CRITICAL INCIDENTS

These standards address the technologies and processes required for modern security environments, including physical security, identity and access management, emergency alerting, assistance requests, warning procedures and the delivery of clear instructions during critical situations.



IEC/EN 62820-2/3-2

Advanced Security
Building Intercom

INTELLIGENT ASSISTANCE ACROSS THE ENTIRE CAMPUS

TEN HOTSPOTS FOR SECURITY, COMFORT AND EFFICIENCY

1 MULTIFUNCTIONAL CAMPUS COMMUNICATION

Intercom terminals support **smooth operations throughout** schools, universities and complex campus environments via a single communication platform.

Intuitive touch interfaces and the seamless integration of audio, video and data create **versatile communication solutions** for everyday use. Available as desktop, wall - mounted or integrated devices, they can be adapted to virtually any architectural or operational requirement.

OPEN CAMPUS ENVIRONMENTS REQUIRE CLEAR COMMUNICATION

2 VISITOR FLOW MANAGEMENT

Advanced Security Building Intercom solutions **support access management, visitor guidance and campus - wide information services.**

Commend terminals combine QR - code registration, access integration and digital information points into a flexible solution for entrances, reception areas, campus buildings and public spaces.

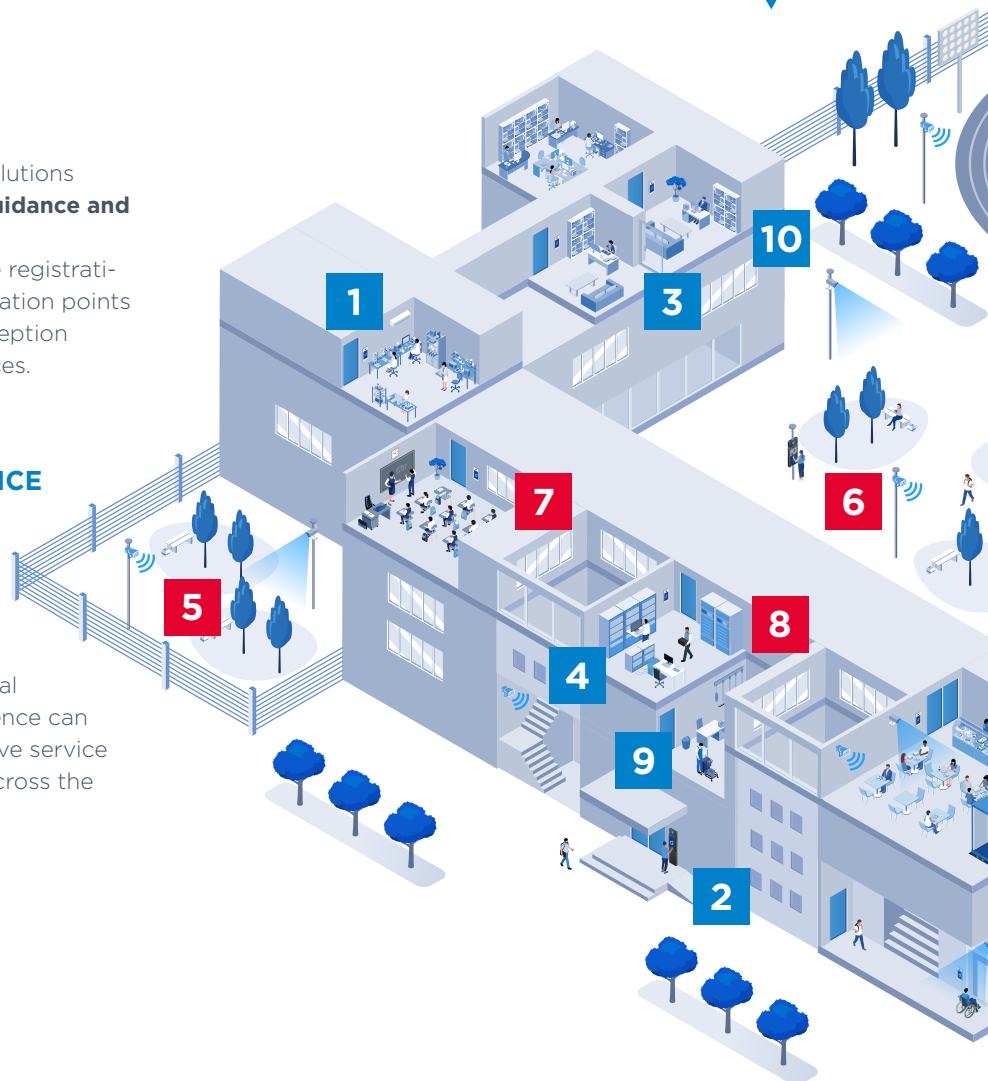
3 CLOUD SERVICES AND AI ASSISTANCE

Future - ready communication requires intelligent digital support. That is why Commend continues to invest in cloud services and AI - powered voice assistance technologies.

Symphony Cloud Services and the IVY Virtual Assistant demonstrate how artificial intelligence can streamline communication processes, improve service quality and support faster response times across the campus environment.

4 EXTERNAL OR INTERNAL SOC STATIONS

Handling incoming calls, managing video streams and controlling integrated systems requires intuitive tools and clear situational awareness. Ergonomic operator interfaces simplify day - to - day operation in reception areas, administration offices and Security Operations Centres (SOC). Shared access and parallel operation enable the ideal balance between local support and centralised control, delivering advantages during routine operations as well as critical incidents.



5 PUBLIC ADDRESS, INFORMATION AND AUDIO-ENHANCED VIDEO

Announcements and digital information displays in entrances, corridors, lecture halls, assembly areas and outdoor spaces **improve orientation, communication and responsiveness**. Pre-recorded messages and live announcements ensure information is delivered clearly and consistently – **from routine operational updates to evacuation instructions**. Combined audio and video provides additional situational awareness and enables targeted intervention when required.

6 EMERGENCY MODE WITH ASSEMBLY POINT INTEGRATION

Commend terminals are designed for continuous everyday use, but they also offer a **unique capability: Emergency Mode**. At the touch of a button, the communication platform transforms into a comprehensive emergency and danger response solution that supports security teams, crisis management personnel and **first responders during critical incidents**. Applications range from dynamic evacuation guidance and assembly point communication to crisis coordination in operator centres and Security Operations Centres.

7 COMMUNICATION FOR EMERGENCY AND DANGER RESPONSE

Educational facilities face a wide range of potential emergencies. Fire, smoke, medical incidents, violent behaviour, right up to active shooter situations and terror attacks, **all require rapid assessment**, coordinated action and reliable communication. Whether the objective is a safe evacuation, a controlled lockdown or effective incident management, **Commend solutions** support established procedures and comply with relevant standards and best practices.

8 CYBER-RESILIENT INFRASTRUCTURE

Maximum system availability and cyber resilience are fundamental requirements for modern educational institutions. With **Privacy and Security by Design**, Commend develops communication solutions that withstand **cyber threats while protecting critical infrastructure and connected systems**. From campus entry points and operator stations to mobile clients and cloud services, secure communication channels create resilient and future-proof educational environments.

9 MOBILE COMMUNICATION

Symphony Mobile and Web Clients extend communication capabilities beyond fixed workstations. Whether on campus, in administrative buildings or working remotely, authorised staff remain connected at all times. This improves responsiveness, increases operational flexibility and ensures that important communications are never missed.

10 SIMPLE COMMUNICATION MANAGEMENT

Configurable communication scenarios, priorities and workflows enable efficient information management across the entire campus. Critical information reaches the right people at the right time, supporting both everyday operations and coordinated incident response.

... FOR EVERYDAY
OPERATIONS AND
CRITICAL INCIDENTS

CONNECTING PEOPLE, PROCESSES AND SECURITY

ONE COMMUNICATION PLATFORM FOR CAMPUS-WIDE OPERATIONS

Educational institutions are among the most demanding environments when it comes to communication and security. Open campuses, diverse user groups, distributed facilities and constantly changing visitor flows require **communication systems that enable rapid coordination**, informed decision-making and reliable response. Commend provides the communication infrastructure that connects buildings, operator stations, mobile users and security systems into one seamless platform.

CONTROLLED COMMUNICATION FOR OPEN ENVIRONMENTS

Open learning environments encourage collaboration, exchange and accessibility. At the same time, they require clear communication processes, reliable reachability and effective operational coordination. **Commend supports everyday campus life** while providing the communication capabilities needed to manage critical situations with confidence. This makes communication more than just a utility – it becomes a strategic component of modern educational infrastructure.

FROM EVERYDAY OPERATIONS TO VERIFIED INCIDENT RESPONSE

Commend combines **emergency alerts**, voice communication, control center management, public address systems, video integration and mobile communications on a single platform. In the event of an incident, the information is immediately available to those responsible for assessing and managing the situation. Integrated audio and video communication enables rapid verification, thereby minimising false alarms whilst allowing for faster and more informed decisions to be made. Events can be initiated through Intercom terminals, emergency call points, mobile clients or integrated third-party systems. Information is automatically routed to operator stations, crisis management teams or external response organisations. Predefined response scenarios – for example lockdown, evacuation or emergency assistance – support the coordinated execution of measures ranging from announcements and access control to visual guidance systems and emergency communications. This results in a resilient communication framework that enhances situational awareness, supports decision-making and enables a rapid, coordinated response when it matters most.

SYSTEM INTEGRATION FOR CRITICAL INCIDENTS

During emergencies, individual systems must operate as a coordinated whole. Only when communication, video, access control, public address and security systems **exchange information seamlessly** can their full potential be realised. Integrated communication provides crisis teams and response personnel with a comprehensive real-time picture of events, enabling faster and more effective decisions.





SEAMLESS INTEGRATION. UNIFIED COMMUNICATION.

A comprehensive portfolio of Intercom devices, touch terminals, communication modules and operator stations provides the **right solution for every communication hotspot** on campus. Cameras, QR-code functionality and access readers supporting RFID, BLE and NFC technologies can be integrated directly into Intercom stations or deployed independently.

Open standards and standardised IT interfaces enable the seamless integration of access management, visitor management, building automation and security systems. The result is a **single communication platform** that brings together people, processes and technology while delivering outstanding speech intelligibility – even in acoustically challenging environments. Every message is understood. Every interaction is efficient. Every response is coordinated.



ALWAYS INFORMED. ALWAYS CONNECTED

RELIABLE COMMUNICATION FOR EVERYDAY OPERATIONS

Where communication reliability and operational continuity are essential, Commend Intercom terminals provide a dependable foundation for both daily activities and critical incident management.

EVERYDAY ASSISTANCE

As intelligent communication assistants, Commend terminals support visitor guidance, building access, information services and routine communication throughout the campus. They provide a professional and welcoming user experience while simplifying



READY FOR EMERGENCIES

In Emergency Mode, the same communication infrastructure becomes a powerful platform for security communication, crisis coordination, integrated video communication and continuous system supervision. Because the technology is already familiar to users, response procedures become faster and more intuitive when extraordinary situations occur.

INFORMATION TERMINALS AND HELP POINTS

Information terminals and help points provide far more than basic communication. They combine information services, visitor support and direct access to assistance while also supporting the integration of technologies such as QR-code readers, RFID systems and access management solutions. When help is needed, users can immediately connect to operator stations, security personnel or emergency service providers through reliable high-quality audio and video communication. The result is faster assistance, greater reassurance and improved operational efficiency across the campus.



DESKTOP KITS

Convert wall-mounted Intercom stations into compact desktop communication terminals for reception desks, administration offices and operator stations.



ACCESS READER

IP universal reader matching the design of od5/od1/id5 or od10 intercom stations, with LED indicator, silver or black.



EXPANSION MODULES

Additional inputs and outputs, audio interfaces, external microphones, loudspeakers, handsets and door-control functions enable highly customised communication solutions.

ID/OD TOUCH INTERCOM STATIONS

Multifunctional touch Intercom stations for indoor and outdoor applications. With IP65-rated protection, intuitive operation and highly flexible user interfaces, they provide a future-ready communication platform that can be tailored to the specific requirements of any educational facility.

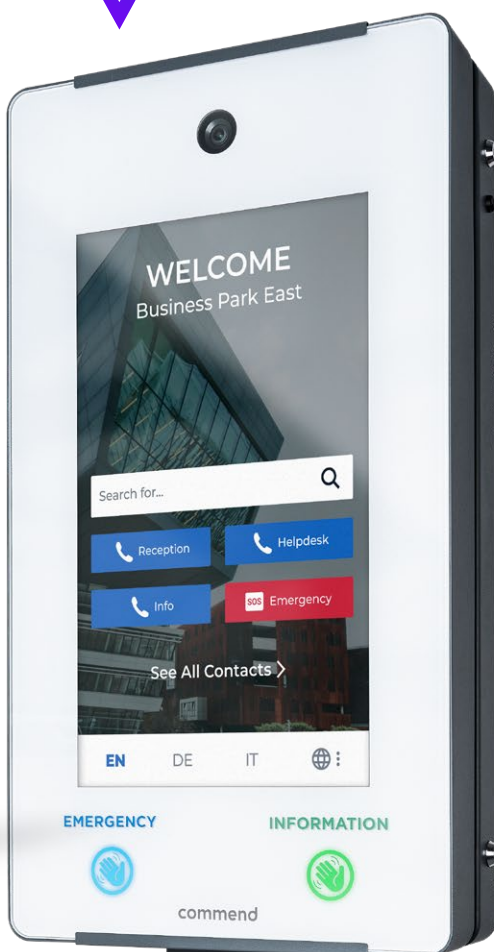
Hello, I'm ivy

**IVY VIRTUAL ASSISTANT
THE WORLD'S FIRST
AI-POWERED INTERCOM VOICE
ASSISTANT**

A CAMPUS EXPERIENCE THAT TALKS BACK

Whether supporting operator stations, information points or help desks, IVY Virtual Assistant introduces an entirely new level of communication efficiency. Powered by advanced artificial intelligence technologies, IVY understands natural language, responds conversationally and assists users just as a human operator would.

It was developed to achieve two important goals: Reduce workload for service and support personnel and enhance the user experience across the entire campus. Delivered through secure Symphony Cloud Services, IVY combines reliability, scalability and intelligent interaction in a single solution. The result is faster service, improved accessibility and a smarter communication experience

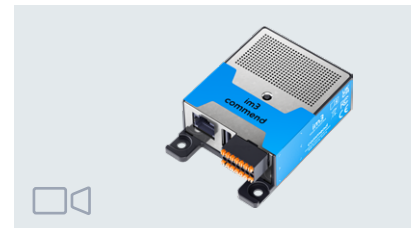


CUSTOM SOLUTIONS WITHOUT COMPROMISE



IM6 - INTERCOM MODULE

The IM6 is a versatile IP-based communication module designed for advanced custom applications. Supporting HDMI touch displays, high-performance audio, integrated I/O functionality and flexible connectivity options, it serves as the ideal foundation for sophisticated communication solutions across the campus environment.



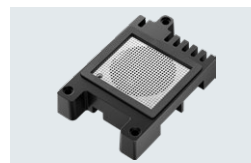
IM1 AND IM3 - INTERCOM MODULES

Ultra-compact IP Intercom modules designed for OEM integration and customised communication devices. Excellent audio quality, intelligent amplifier technology and seamless integration capabilities make them the ideal choice for specialised communication applications.



CM1 - CAMERA

High-definition camera module specifically designed to complement the IM3 and IM6 platform.



LSM - SPEAKER

High-performance loudspeaker module for exceptional audio reproduction and speech intelligibility.



AFIL - INDUCTION LOOP

Induction loop module for hearing-aid-compatible communication and barrier-free accessibility.

COMMUNICATION WHEN EVERY SECOND COUNTS

ASBIS: THE FOUNDATION FOR EFFECTIVE EMERGENCY AND DANGER RESPONSE

Commend security communication solutions are designed to strengthen safety, improve coordination and support effective emergency response throughout educational facilities. At the heart of every **Advanced Security Building Intercom System (ASBIS)** is a highly resilient communication server. This central platform connects emergency call points, operator stations, mobile users and integrated security systems throughout the campus. It also acts as the communication interface for video surveillance, public address, digital radio systems, access management and telephony solutions.

EMERGENCY MODE FOR RAPID INCIDENT RESPONSE

During everyday operations, **ASBIS** supports routine communication and organisational workflows. When a **critical incident** occurs, the platform instantly transitions into Emergency Mode, supporting the processes defined for **Emergency and Danger Response Systems (EDRS)**. This enables operators, crisis teams and emergency services to manage incidents through a single coordinated communication platform.

HEAR. SEE. RESPOND.

The Security Operations Centre (SOC) is the command hub for effective incident management. Here, operators receive all relevant information through a unified interface that **combines audio, video and operational data**. This comprehensive situational awareness enables faster decisions, better coordination and more effective response.

VERIFIED INFORMATION. CONFIDENT DECISIONS.

Successful incident management depends on clear communication and accurate information. Whether managing an evacuation, implementing a lockdown procedure or coordinating a response to a medical emergency, decision-makers need immediate access to reliable information. Commend solutions **enable direct communication with affected areas, support rapid verification and help deliver clear instructions** to students, staff and visitors. This creates confidence, improves coordination and supports effective action throughout every stage of an incident.



ADVANCED SECURITY - FROM EVERYDAY OPERATIONS TO INCIDENT RESPONSE, AND BACK AGAIN

EVERYDAY OPERATIONS

Reliable communication supports day-to-day activities, improves coordination and ensures smooth campus operations.

INCIDENT DETECTED

An event, emergency or threat is identified and reported immediately through the communication platform to authorised personnel.

ALERTING

Every second counts. Alerts must be delivered quickly, reliably and to the right people across multiple communication channels.

VERIFICATION

Integrated audio, video and operator station visualisation provide immediate situational awareness. Direct communication with affected areas enables rapid verification and helps prevent unnecessary disruption caused by false

RESPONSE AND DE-ESCALATION

The platform establishes immediate communication between internal stakeholders, emergency services and external response organisations. Critical information can be exchanged in real time, supporting faster decisions and more effective incident management.

EMERGENCY OPERATION PLANS

Commend solutions support operators through predefined workflows and emergency procedures. This helps reduce stress, improves consistency and ensures that established AUTOMATED RESPONSE SCENARIOS

The system can automatically execute predefined actions such as live and pre-recorded announcements, visual and acoustic warning signals, dynamic lockdown procedures, door and barrier control, emergency lighting activation, and dynamic escape routes. The result is a coordinated response that protects people, supports responders and minimises operational disruption. response plans are executed correctly.

POST-INCIDENT REVIEW AND CONTINUOUS IMPROVEMENT

Comprehensive logging, event documentation and optional audio/video recording provide valuable insights after an incident. These records support investigations, improve future emergency planning and help demonstrate compliance with organisational risk-management obligations. Operators gain clear evidence that appropriate preventive and response measures were implemented.

COMMEND EMERGENCY MODE



NGRS INTERCOM STATIONS ACCORDING TO IEC/EN 62820-3-2 DESIGNED FOR COMPLIANCE. BUILT FOR REAL LIFE.



The IEC 62820 family of standards defines the requirements for modern Intercom systems and their application in security-critical environments. It replaces earlier generations of door communication standards and reflects today's expectations regarding security, performance and operational reliability.

Commend EDRS Intercom stations are designed to meet these requirements while delivering exceptional usability in everyday operation. Natural hands-free communication, outstanding speech intelligibility and robust construction ensure reliable performance in even the most demanding environments. Available in 16 kHz eHD Voice quality and with audio bandwidths of up to 20 kHz on display-based systems, every message remains clear, intelligible and actionable. Designed for both indoor and outdoor deployment, the stations feature vandal-resistant construction, tamper protection and continuous self-monitoring capabilities.

Protected from moisture, dirt, and dust

Hands-free communication at distances of up to seven metres

Impact-resistant materials for long-term durability with proven IP and 2-wire technology options

Protection against moisture, dust and environmental influences

Hands-free communication at distances of up to seven metres

Standard-compliant emergency call button with a glass break panel and function or direct call buttons with illuminated label fields



Customisable user interfaces for Everyday Mode and Emergency Mode

High-performance processing for Advanced Security Building Intercom applications

Support for additional expansion modules

DOORS, GATES AND ASSEMBLY POINTS

SECURING ACCESS. GUIDING PEOPLE.

Door communication, access integration, video support and control centre management enable unauthorised or unknown individuals to be identified at an early stage and prevented from gaining access in a controlled manner. Sensitive areas are made accessible only to authorised persons. Particularly in open educational environments, this creates a balanced interplay of accessibility, wayfinding and organisational security.

At the same time, these systems help to reduce vandalism, streamline processes and significantly improve responsiveness in the event of an incident. People on campus can be provided with targeted information and guidance, and at assembly points, the terminals become essential tools for situation assessment and crisis communication in the event of an alarm.

WELCOME

Professional communication creates a positive first impression while supporting secure and efficient campus access for students, staff and visitors.

ROBUST AND RELIABLE

High-quality materials, vandal-resistant construction and durable components ensure dependable operation throughout years of intensive daily use.

FLEXIBLE SOLUTIONS

Bidirectional audio and video communication, automated announcements and customised workflows support a wide range of applications – from campus entrances and vehicle access points to assembly areas and emergency communication points.

BARRIER-FREE COMMUNICATION

Integrated induction-loop technology supports hearing-aid compatibility and accessible communication. Large illuminated call buttons, tactile markings and clearly visible status indicators ensure inclusive access for all users.



Prevents unauthorised access

Protects people and assets

Supports IT Security at the highest possible level

Provides support in day-to-day operations

Strengthens access management

Combines communication and video verification

Ensures barrier-free communication

Enables assembly point communication



ASSEMBLY POINT COMMUNICATION

During an evacuation, maintaining communication is essential. Dedicated emergency terminals at assembly points provide a secure and direct communication link to operator stations and emergency management teams. At the same time, Intercom displays inside buildings can support dynamic evacuation guidance, directing occupants safely towards designated assembly areas. The result is greater visibility, improved coordination and enhanced situational awareness during emergencies.

THE CAMPUS SOLUTION FOR AUTHENTICATION AND AUTHORISATION

THE UNIVERSAL KEY TO SECURITY, CONVENIENCE AND CONTROL



INFORMATION AND ORIENTATION

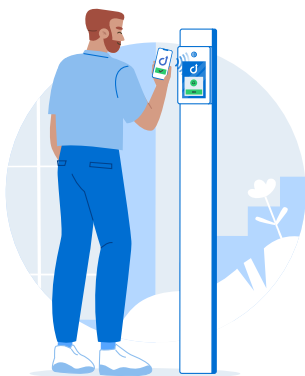
Intercom stations support visitor guidance, information delivery and secure communication throughout the campus environment. Displays provide dynamic content ranging from **building directions and visitor information to personalised messages and operational instructions**. QR-code-supported workflows, visual guidance and direct communication improve user experience while enhancing organisational efficiency. When required, systems can automatically transition into Emergency Mode and support incident-specific communication procedures, including evacuation and lockdown scenarios.

COMPATIBILITY AND FLEXIBILITY

Access decisions remain under the control of the external access management platform while communication functions are seamlessly integrated into the Command ecosystem. This enables educational institutions to enhance security and operational efficiency without replacing existing infrastructure.

One particularly valuable application is the controlled activation of emergency and security functions. Authentication via smartphone credentials, RFID technologies or mobile identities ensures that only authorised personnel can trigger security-related actions and emergency procedures.

This significantly reduces the risk of false alarms while maintaining immediate availability during genuine incidents. The combination of access management, communication, video verification and information services creates a unified security experience for schools, universities and large campus environments. Open where necessary. Secure where it matters.



UNIVERSAL READER INTEGRATION

Commend Universal Readers integrate seamlessly with third-party access **control systems via secure APIs**. All communication is encrypted, ensuring secure authentication, authorisation and access management throughout the process.

1. Credential presentation at the terminal
2. Authentication and authorisation through the access control platform
3. Automated actions such as door release
4. Audio and video communication throughout the interaction

COMPATIBLE ACCESS CONTROL SYSTEMS

Universal Readers are continuously tested with leading access control platforms to ensure maximum compatibility and long-term investment protection. Updated compatibility information is published regularly.



QR-CODE INTEGRATION

QR codes captured by integrated cameras can be securely processed through visitor management and access control platforms **using the SymMX integration framework**. This enables highly flexible visitor workflows without compromising security.

USE CASE

SECURING SCHOOL BUILDINGS AND CAMPUS ACCESS POINTS

Teachers, staff and authorised personnel can conveniently access buildings and designated areas using mobile credentials or RFID technologies. Credentials are securely transmitted to the connected access management system, which evaluates permissions in real time and grants access accordingly.

At the same time, integrated communication and video capabilities provide an additional layer of security and accountability. Visitors, contractors and external service providers can also be incorporated into campus access processes through temporary QR-code credentials delivered electronically.

Every access request is verified. Every interaction can be documented. Every access point becomes part of a coordinated communication and security strategy. The result is a modern access solution that intelligently combines openness, convenience and security.

ON YOUR DESK. ON YOUR SMARTPHONE. WHEREVER YOU ARE.

CAMPUS-WIDE COMMUNICATION WITHOUT LIMITS

With Symphony Call Management, educational institutions gain a powerful and flexible communication platform that keeps people connected wherever they are. Whether in administration, facilities management, security operations or crisis management, users can stay connected to the campus communication system at all times. Enabled by just a virtual Intercom station available on laptops, tablets and smartphones.

Whether working in the administration office, moving across campus or responding to an incident, users have instant access to the communication services they need. An intuitive user interface provides direct access to contacts, favourites, call history and advanced call-management functions. Incoming calls can be managed efficiently through features such as call queuing, forwarding and intelligent routing.



CENTRAL OPERATOR STATIONS

Call queuing • Call forwarding • Call hold • Remote access • Activity logs with snapshots

CLOUD-BASED

Access via browser or Symphony Mobile App with secure cloud connectivity and automatic software updates.

EVERYTHING UNDER CONTROL

Integrated video streams, notifications and real-time communication ensure complete visibility of relevant events.

CYBER SECURITY

Developed according to the principle of Privacy and Security by Design.



WHY COMMEND FOR SCHOOLS AND UNIVERSITIES?

 **Campus-Wide Connectivity**
Stay connected across multiple buildings and locations without ever missing important communications.

 **Outstanding Speech Intelligibility**
Every word is clearly understood, even in challenging acoustic environments.

 **Immediate Response**
Critical calls reach the right people without delay.

 **Maximum Availability**
Continuous device supervision eliminates the need for manual operational checks.

 **Inclusive Communication**
Support accessibility for people with disabilities and users facing language barriers.

 **AI-Powered Assistance**
IVY Virtual Assistant improves service quality while reducing operational workload.

 **Open Integration**
Connect communication with access control, visitor management, video surveillance and other campus technologies.

 **Cyber-Resilient Architecture**
Multiple layers of protection support resilience against modern cyber threats.

Evergreen Technology
Future-proof solutions designed for long service life, scalability and maximum return on investment.

SECURITY MANAGEMENT AND CAMPUS NETWORKING

COMPLETE VISIBILITY.

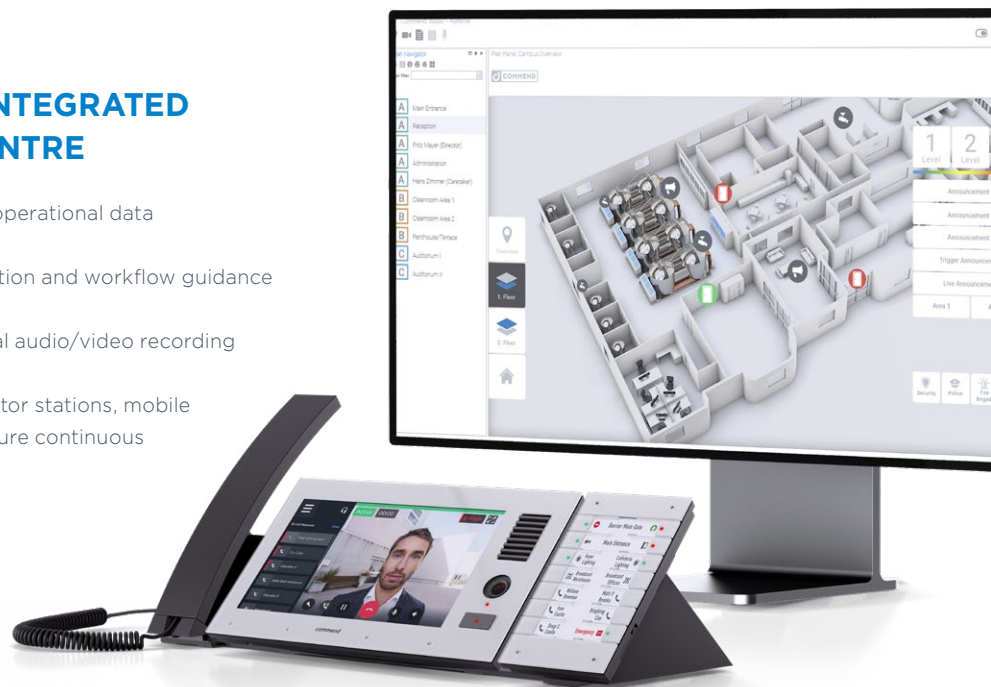
COMPLETE CONTROL.

Effective security depends on rapid access to reliable information. Command operator stations bring together communication, video, alerts and operational workflows in one integrated environment, enabling security teams to respond quickly and confidently to incidents of any scale. When required, information can be forwarded directly to external emergency services, including police, fire and medical responders. Automated announcements, warning messages and emergency procedures can be initiated instantly to support coordinated action across the campus.

At the touch of a button, conference calls can connect classrooms, administration offices, crisis teams and external responders. Security personnel and emergency services can communicate directly with affected individuals, gather information, provide instructions and support de-escalation efforts in real time. The ability to establish immediate communication often makes the difference between uncertainty and effective response.

THE ADVANTAGES OF AN INTEGRATED SECURITY OPERATIONS CENTRE

- Unified management of audio, video and operational data
- Faster response through intuitive visualisation and workflow guidance
- Comprehensive event logging and optional audio/video recording
- Automatic forwarding to alternative operator stations, mobile users or public telephone networks to ensure continuous availability and operational resilience.



THE RIGHT OPERATOR STATION FOR EVERY ENVIRONMENT



STUDIO

Visual operator station management with powerful graphical interfaces, event visualisation, call recording and comprehensive logging capabilities.



CONDUCTOR

Modular operator station solution with display, programmable keys, hand-set and microphone options, designed for demanding operational environments.



ID8 - SYMPHONY OPERATOR STATION

Compact operator station with touch display, programmable controls and optional camera integration. Expandable with direct-access modules for immediate response.



DESKTOP INTERCOM STATIONS

Flexible communication terminals that combine traditional Intercom functionality with operator station capabilities.

HEARD. UNDERSTOOD. SEEN.

IP PUBLIC ADDRESS FOR MODERN CAMPUSES

Communication is only effective when messages reach their intended audience. Commend IP loudspeaker solutions ensure that information is delivered clearly and reliably across buildings, outdoor spaces, assembly areas and campus-wide environments. From routine announcements to emergency communications, information reaches the right people at the right time.

Live announcements, automated messages and event-triggered communications support both everyday operations and incident response. Flexible zoning concepts ensure that messages are delivered precisely where they are needed.

IP HORN SPEAKER WITH SIGNAL LIGHT

The AFLS-H-P combines powerful audio performance with a configurable high-intensity LED signal light. This unique combination dramatically increases the effectiveness of warnings, alerts, announcements and everyday information messages. People receive information through both hearing and visual perception, increasing attention and improving comprehension.



THE TWO-SENSE PRINCIPLE: HEARING AND SEEING

Particularly effective are Commend's innovative IP horn speakers with integrated LED signal lights. By combining visual and acoustic alerting within a single device, they significantly improve awareness and message recognition, especially in noisy environments or stressful situations. Instructions are not only heard – they are also seen. This improves response times, supports orientation and strengthens communication during evacuations, lockdowns and other critical incidents.

POWERFUL SOUND. EXCEPTIONAL CLARITY.

The integrated Class-D amplifier and Intelligent Volume Control automatically adapt audio output to ambient noise conditions, ensuring optimal intelligibility at all times.

NO EXTERNAL AMPLIFIERS REQUIRED

Direct IP connectivity with Power over Ethernet enables decentralised deployment and simplified installation.

FLEXIBLE ADDRESSING AND ZONING

Each loudspeaker can be individually configured and assigned to specific groups or zones for targeted communication.



IP horn loudspeaker

AFLS 10H HG | IP66, for outdoor areas and industrial environments. Max. sound pressure: 118 dB.



IP projector loudspeaker

AFLS 10H PW | IP54, for indoor and outdoor areas that are protected against environmental influences. Max. sound pressure: 101 dB.



IP ceiling/wall loudspeaker

AFLS 10H CW | IP 54, for indoor areas. Max. sound pressure: 105 dB.



IP cabinet loudspeaker

AFLS 10H SCW | for indoor areas. Max. sound pressure: 102 dB.

COMPREHENSIVE CAMPUS SECURITY

PHYSICAL AND CYBER

SECURITY WORKING TOGETHER

Educational institutions are becoming **increasingly connected** – and increasingly exposed to cyber threats. Protecting people, facilities and digital infrastructure requires a holistic approach that combines **physical security, operational resilience and cybersecurity**. Business continuity depends on being prepared before incidents occur.

Across Europe and around the world, regulations and standards continue to evolve in response to growing cyber and physical security risks. Requirements such as NIS2 and the Critical Entities Resilience framework highlight the importance of resilient infrastructure, secure communications and robust risk management. Maintaining state-of-the-art security capabilities is no longer optional – it is essential.

COMMEND: A PIONEER IN SECURITY AND COMPLIANCE

High downtime costs, damage to reputation, financial claims, followed by the replacement of affected components, data theft, etc. Even a single potential vulnerability is enough to severely disrupt operations. That is why, at Commend, we are absolute pioneers in the field of cyber security and always at the cutting edge of technology.

Staying up to date with the latest technology is therefore not only advisable, but absolutely crucial to an organisation's resilience.

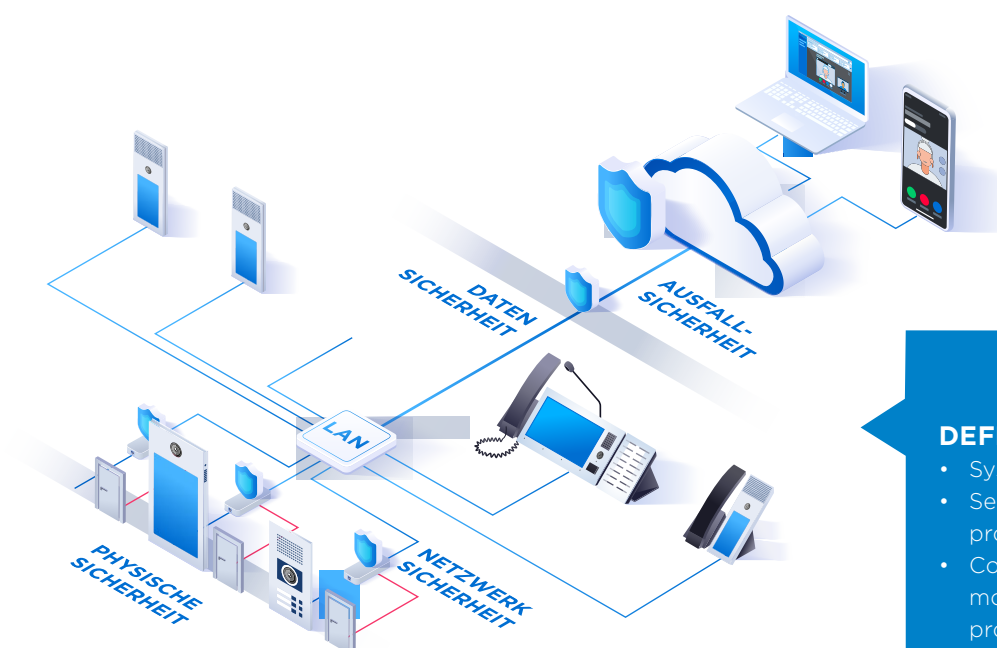
Commend helps organisations address these challenges through a comprehensive security strategy spanning every layer of the communication infrastructure. Customers benefit from protection at multiple levels:

- Physical Security
- Network Security
- Data Security
- High Availability

We actively help our clients' IT departments to better manage the enormous challenge of cyber security.

IT-SECURITY BY COMMEND

- Privacy and Security by Design
- Independent penetration testing
- Secure standard internet protocols
- Modern cryptographic technologies



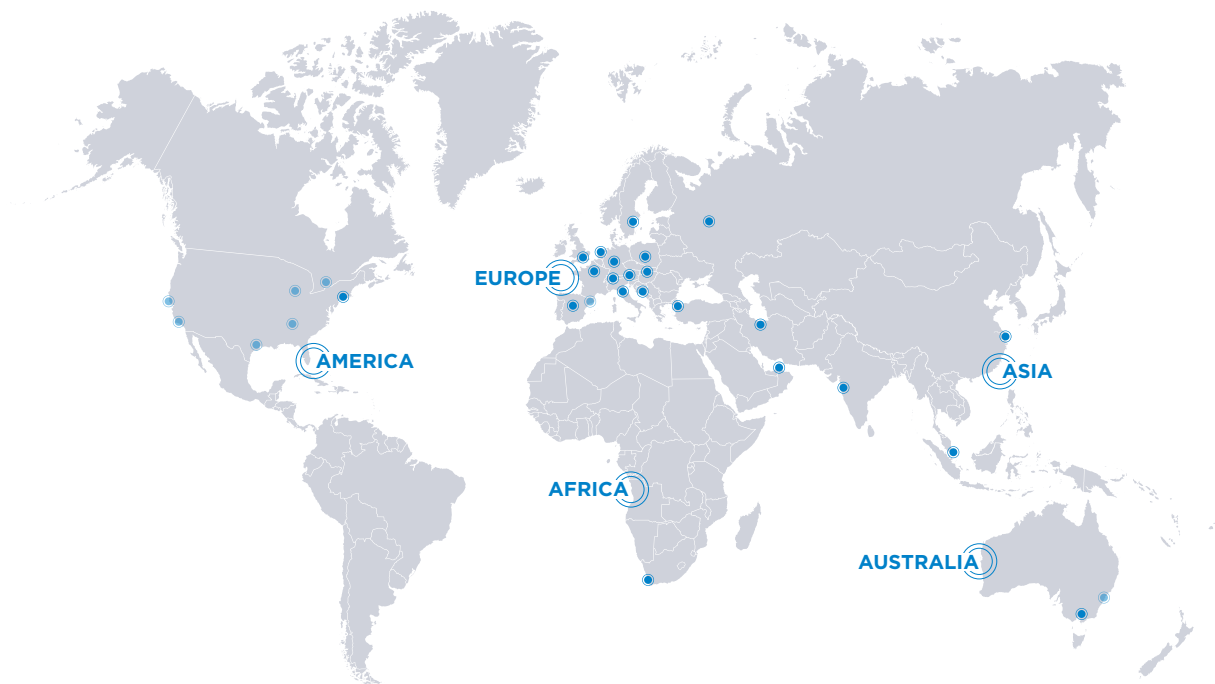
DEFENSE IN DEPTH

- Systematic threat modelling
- Secure development processes
- Continuous vulnerability monitoring and disclosure program



COMMEND WORLDWIDE

23 sales organisations in over 60 countries. More than 550 people are working for Commend worldwide.



TRUSTED. COMMUNICATION. ALWAYS.

Secure communication is something millions of people rely on every day. In schools, universities, hospitals, transport facilities, industrial sites and critical infrastructure environments, every message matters. That is the world of Commend! Secure, reliable communication is our passion. As a global market leader with more than 50 years' experience in innovation within voice transmission. We enable the interface-based integration of intercom and video systems with third-party systems, and our products also open up many new possibilities for integrated solutions. Commend is the first choice worldwide when it comes to secure, professional communication systems.

Ready to strengthen communication, security and resilience at your institution? Contact us today!

QUALITY. RELIABILITY. SECURITY.

Digital transformation creates enormous opportunities – but it also introduces new risks. Cybersecurity, operational resilience and information protection have therefore become fundamental requirements for every modern organisation. At Commend, Privacy and Security by Design guide every stage of product development, system architecture and lifecycle management. This commitment is supported by internationally recognised certifications and continuous investment in secure technologies and processes.

Commend International, based in Salzburg, Austria, is certified to ISO 27001 for information security management, which underlines our ongoing commitment to adhering to the highest security standards. Furthermore, our development and production processes comply with the EN ISO 9001:2015 standard, demonstrating our commitment to operational excellence.

Find out more about our uncompromising commitment to security at trust.commend.com.