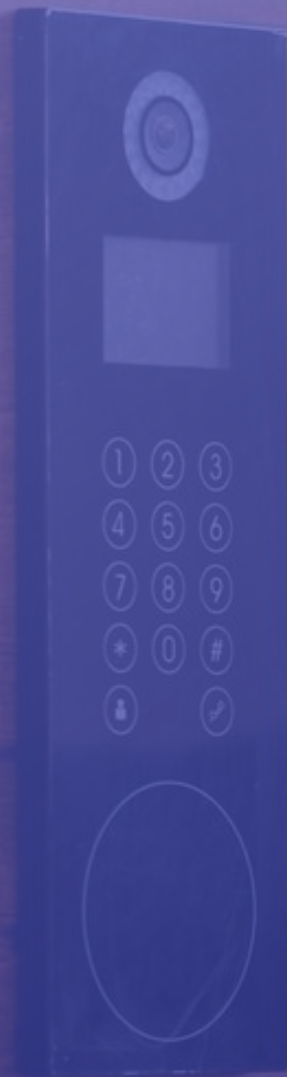


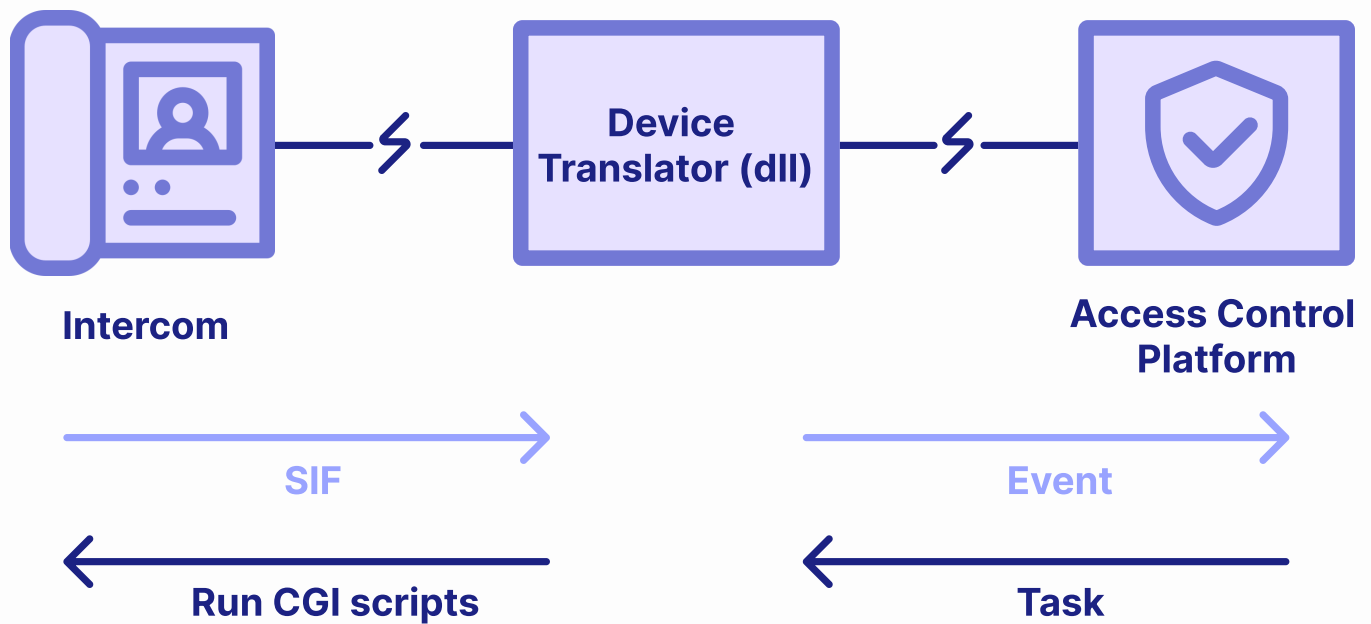
ACCESS MANAGEMENT INTERCOM SYSTEM

Datasheet



Project objective

Integrate the host/client intercom system into the 3rd party access management platform to provide full-fledged physical access control in an enterprise setting. Develop a support code to implement a real-time conversion of proprietary communication session management and events protocols to the same type of protocols for access management system. The integration activities would allow our client to launch the upgraded version of the intercom system to market to satisfy wider range of their customers' needs.



Result

The developed device translator module allows for seamless communication between the client's intercom systems and the 3rd party access management platform. Thus, the upgraded line of intercom products combined audio/video monitoring, phone functionality, and physical access control that allowed for security management for commercial, governmental, and industrial customers. The upgraded systems were successfully certified and launched to market.

Scope of work

- ❖ Development of unit for double-sided communication between security platform and intercom system
- ❖ Converting SIF-packages into platform's system events
- ❖ Transmission of commands from management platform to Intercoms
- ❖ Events logging implementation
- ❖ Setup events privacy in security platform
- ❖ Transportation of the audio and video information over the communication channel

Activities

- ❖ Requirements definition
- ❖ Specifications review
- ❖ Architecture design
- ❖ Software development
- ❖ Functional testing
- ❖ Integration testing
- ❖ Certification assistance

About the project

Technologies

- ❖ C++
- ❖ COM
- ❖ CGI
- ❖ Sockets
- ❖ OnGuard SDK
- ❖ XML
- ❖ HTTP/HTTPS
- ❖ OpenSSL
- ❖ SIP
- ❖ IP phones



Project size

- ❖ 1.5 people

Duration



Platform

- ❖ Embedded