OfficeMaster EntryControl
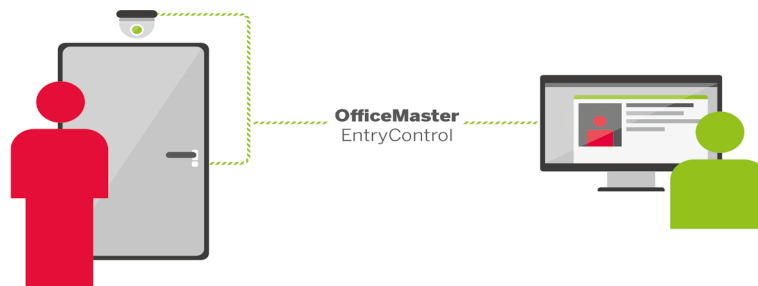
Linking video intercom devices to Cisco® and Microsoft® Unified Communications solutions

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OfficeMaster EntryControl

Linking video intercom devices to Cisco® and Microsoft® Unified Communication solutions

Currently, all industries highly value security measurements within their compounds.

The implementation of an access control solution is a primary key for them. Apart from audio, they need to support video as well.

Implemented in a Unified Communications solution, video intercom systems provide a flexible usage. Ideally, employees may manage access without the necessity of a running a separate application or hardware.

Often voice and video are streamed using two separate lines, thus the most commonly used video intercom systems are not compatible with modern UC solutions. OfficeMaster EntryControl provides a single stream that contains audio and video from door intercom systems and cameras respectively. This stream is forwarded as a video call to the workstation

We offer two variants of EntryControl, each of which being distinguished by technical specifications as well as planned usage.

» Note! Since the release of **version 3.5**, it is not mandatory to implement an OfficeMaster Gate into your EntryControl infrastructure as it is independent on the Media gateway used.

EntryControl for Skype for Business

This variant is particularly compelling for customers who want to have access to a video live stream prior accepting the call. By choice, a group of users can have access to the same video stream. Once a user answers the call, the video stream and call notification disappears for the others.

The EntryControl workflow starts with a push on the "bell"-button of the door intercom device. This establishes a call to users who have been authorised to answer these calls and a pop-up window notifies them. Within the EntryControl interface, the video stream is shown to the user and has the option to either accept the call, decline the call or simply open the door without talking.

If the person ringing is not immediately recognisable, the user might want to accept the call and ask for identification. Given that the person ringing is not authorised to enter the compound, he can simply terminate the call. If, however, the person ringing is authorised to enter the compound, the "open door" button grants him access. Furthermore, if the user thinks the person ringing is confidential, he can open the door by clicking the "open door" button without having to accept the call in the first place.

One user can open multiple video-stream windows.

Prior to release version 3.5. an OfficeMaster Gate was mandatory for establishing calls. However, this is no more the case

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and any media gateway can be used that is capable of receiving a SIP connection from the video intercom device and forwarding it to the Skype for Business infrastructure.

Configuration and installation processes are carried out using a Windows machine located in the local domain. This machine will also be used to administrate licenses and cameras (for the video intercom devices).

EntryControl Server for Cisco Unfiied Communications Manager

As opposed the variant described above, this version is 'tailored' for Cisco environments.

Calls pop up as a standard video call. However, as the EntryControl functionalities are controlled using telephone keys, information on which key triggers what response is additionally added to the call.

By implementing EntryControl into a Cisco environment, the user won't have to carry out supplementary installations on his computer.

Calls established by a video intercom device are directly routed to the EntryControl server, which in turn determines the camera associated to the video intercom device. Having successfully accessed the camera signal, both the audio and video stream are forwarded to the Communications Manager. Hence, no additional gateway or licenses are needed, which significantly keeps costs and hardware administration at a minimum.

Requirements for video intercom devices

The configuration of the video intercom devices should essentially support these requirements:

- Routing the audio call to an attendant or group after triggering the bell

- Provide a full H.264 video format

- Receive and process the "open door" command (as HTTP request or DTMF)

It is not a necessarily a prerequisite to use video intercom devices as video and audio can be provided by other devices as well (such as a separate IP camera and microphone).

Our product

We offer licenses depending on the amount of video intercom devices used. These video intercom devices are henceforth referred to as "Camera".

- EEC.23000 OfficeMaster EntryControl Base - Basic system including activation for 1 Camera

- EEC.23001 OfficeMaster EntryControl (1) - License for 1 additional camera

If an OfficeMaster Gate is used, you might need to obtain SIP licenses that ensure a connection build-up to an OfficeMaster Gate.

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» OfficeMaster EntryControl seamlessly integrates into the native IT infrastructure and facilitates an easy yet contemporary link to SmartBusiness. No matter if you have already made the move to SmartBusiness or weigh off the pros and cons: OfficeMaster EntryControl might be your stepping stone to a modern environment. We perpetually endeavour to enhance EntryControl and its integration into SmartBusiness.