

# Cisco CBC Eschborn with IP building automation solution from RaumComputer® operated with Cisco IP phones

**Cisco CBC Eschborn**, that is 1100 m<sup>2</sup> of highquality office space, meeting and presentation areas, equipped with the latest communication, building automation, lighting, media and network technologies. The CBC is solely operated by softcontrols in conjunction with automation patterns that set room areas to predefined states of lighting, media use etc. Inside the rooms and the public available areas users operate building, media and communication services with Cisco 7970 ip phones and wall mounted touchscreens.



**RaumComputer® controls with RC-BOS 400 dimmable Lamps and 160 m LED RGB Lighting**

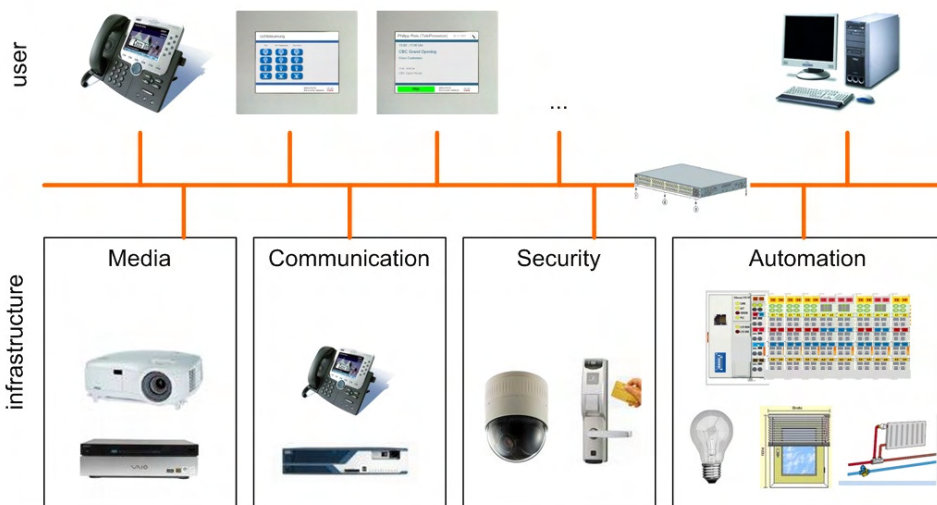
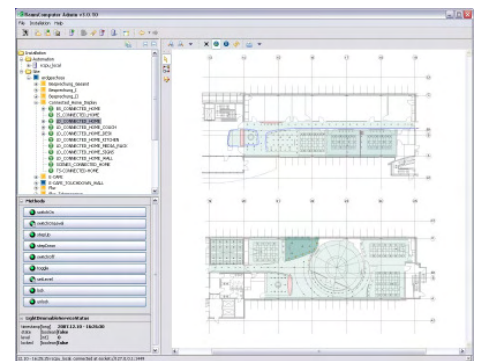


Each room is additionally equipped with an exterior information display mounted next to the door. These displays are part of the installed RaumComputer® Roombooking system and present useful information like roomname, time, upcoming and ongoing events and optionally the presence state of a room. This helps visitors to find their way through the building and avoids the interruption of meetings. Cisco CBC Eschborn facility is a milestone in the realization of the NetBuilding vision, a true converged IP network solution – all implemented functionality (communication, automation, security and media) share the same Cisco highspeed network infrastructure. Compared to buildings of today, where we usually find disparate networks and multiple control environments, this approach reduces the overall complexity, increases the performance and enables the management and operation of all connected devices and established services over IP platforms from anywhere in the world.

This is the way for Cisco and RaumComputer® to view the world and Construction markets to look at how the internet can be leveraged to streamline a process or provide an opportunity to simplify overly complex and expensive environments, and create new points of efficiency.

**RaumComputer®,** a specialist for IP based building automation, thinks of buildings as containers for services of any kind. The provision of building services and the mediation between these services and the users of a building by means of internet technologies and IP networks is the mission of RaumComputer®. RaumComputer® stands out with features like: Service Oriented Architecture (SOA) compliant to the OSGi standards, scalable and flexible, fully remote-administrable and controllable over IP networks. In short, RaumComputer® provides the ability to combine the „world of building automation“ with the „world of IT“, thus enabling a new level of user friendliness and

energy savings. Added value is given by the consequent support of softcontrols – each service is automatically accessible over IP networks with various devices via softcontrols. The RaumComputer® solution comes with a huge collection of manageable building automation services suitable to control the parameters light, temperature, shades and many more for any kind of building. Administrators create, manage, operate and visualize these services in the context of a graphical building model that is made of CAD data with the RaumComputer® management software RC BIS.



Users operate the building services of a RaumComputer® installation with softcontrols or conventional controls. Any combination of these control types is always possible. Softcontrols are implemented for Cisco ip phones, mobile phones, internet browsers and touchscreen panels. Additional features are pluggable to the open RaumComputer® architecture at any time. For example the **RaumComputer® Roombooking system**. The Roombooking system is capable of managing date definitions for rooms. As the Roombooking system is part of the automation solution it can interact with the services of a room depending on date and time, e.g. setting light and media scenes. From a users point of view it is easily operateable with webbrowsers from anywhere in the network. Useful information is shown on distributed display units mounted at the exterior wall of a room.

## Cisco CBC Eschborn converged network solution

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