

INFORMATION	CAB - Applications
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Audisi CAB codec + hybrid control

Connect And Broadcast. It's that simple if you use this set of client/server applications. Just use drag and drop from the phonebook onto a device and all technical stuff is done for you. The codec or other audio device is setup properly, the connection is made via POTS, ISDN, X.21 and/or IP and the return audio from your studio is routed.

CAB controls a pool of various models of codecs, hybrids, integrates Skype and HF equipment like receivers, transmitters and antenna rotors. It also routes audio using a digital audio system. From your PC in the studio you have full control and see actual status information of equipment assigned to you.

System setups range from small to large and complex installations with lots of audio channels, devices and even multiple routers. One thing remains the same: it's really easy to use so your reporters and editors can take care of audio connections themselves.

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FEATURES

Uniform device status

All devices look the same to the user. Codecs, hybrids, audio connections.

Phone book

Folders with often used connections, including all their codec settings.

One action

Use drag and drop from the phonebook on a device to make a connection. That's it.

Flexible licensing system

CAB uses one central license based on a concurrent use ('floating license') principle. Just select what mix of applications will be used at any given time up to the maximum license value. Licences can be adapted easily by using an update application. There is no need to install a dongle on each machine or sending dongles by mail for each license change.

Easy installation

Applications can be started from a local drive or over the network. The server is equipped with an embedded database driver so there is no need to install a database server or additional driver software on each machine. Almost all changes to settings are effective immediately without restarting applications.

Robust and low maintenance

All clients reconnect to the server automatically as soon as the network becomes available again. Because only the server 'owns' the database, there is no risk of record or file locking. In case of replacing a defective machine, reconfiguration is not necessary: all clients save their settings in the central database, not in local files or (worse) the registry.

CLIENT/SERVER COMPONENTS

Besides the central CAB-Server, the system consists of multiple specialized client applications. Using the server saves costs of database licenses. It enables sharing metadata and real-time status and control via a standard TCP/IP network.

CAB-Manager
System configuration.

CAB-Controller
Studio remote control client.

CAB-Driver
Knows how to control a codec or other device that is used to make the connection.

CAB-Router
Knows how to control a digital audio router/core.

CAB-Planner
Performs tasks like making connections at specific times using a schedule.

CAB-Timer
Network timer application.

WEQ-Controller
Remote control of HF equipment to be used in a studio or edit.

WEQ-Driver
Knows how to control HF equipment.

CAB-SERVER

Platform server

Description

Central (database) server that accepts connections of various types of clients that exchange data and control.

Features

- Safety: the server can generate automatic database backups

CAB-MANAGER (CLIENT)

System configuration

Description

Application that connects using TCP/IP (therefore from everywhere in the world) to the server to perform system configuration and maintenance.

Features

- Safety: Automatically reconnects to the server.

CAB-CONTROLLER (CLIENT)

Studio remote control application

Description

Remote control of all codecs and hybrids assigned to a specific studio.

Features

- Safety: Automatically reconnects to the server

CAB-DRIVER (CLIENT)

Equipment control

Description

Knows how to control codec or other equipment.

Features

- Safety: Automatically reconnects to the server
- Safety: Automatically reconnects the control port

CAB-ROUTER (CLIENT)

Audio router control

Description

Knows how to control a digital audio router/core.

Features

- Safety: Automatically reconnects to the server
- Safety: Automatically reconnects the control port

CAB-PLANNER (CLIENT)

Task performer

Description

Performs tasks at specific times.

Features

- Safety: Automatically reconnects to the server

CAB-TIMER (CLIENT)

Network clock/timer system

Description

Shows date/time and gives the user separate timers/countdowns.

Features

- Safety: Automatically reconnects to the server

WEQ-CONTROLLER (CLIENT)

Studio remote control of HF equipment

Description

Shows HF equipment like receivers, transmitters and antenna rotors.

Features

- Safety: Automatically reconnects to the server

WEQ-DRIVER (CLIENT)

HF equipment control

Description

Knows how to control HF equipment.

Features

- Safety: Automatically reconnects to the server
- Safety: Automatically reconnects the control port

DOCUMENT HISTORY

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2014-Sep-11	3.23	BCL	• New

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