

Televic Conference Systems







# Televic Conference A family of products ...

Whether you are a corporate headquarter looking for an easy to use entry-level conference system, a rental company looking for an easy to set up wireless system or an international institute looking for the best-of-breed conference systems for multi-room installations, Televic has the right solution for you.

Its range of products for conference applications is based on a unique family concept. Flush mount -, table top - and wireless systems can easily be combined in one single installation to provide the best possible solution, tuned to your specific needs and future-proof thanks to the backward compatibility with existing installations

The family concept also ensures that technologies developed for the high-end, used by many international institutions world-wide, find their way in all products throughout the range. Yes, even the entry-level products benefit from the experience of Televic in the most demanding applications.







# Confidea® Series Table Top Conference Solutions



### Wired and Wireless Capability

The Confidea series are available in both wireless and wired versions. By simply adding a Wireless Conference Access Point (WCAP) any wired Televic installation can be expanded with wireless units. For wireless basic discussion and voting systems, there is no need to add a central unit. The WCAP acts as central unit, thus making the installation simple and straight-forward. The integrated balanced IN/OUT audio connection with mix-minus functionality provides all that is needed to connect to external systems, without the need for an additional central unit.



### Security and reliability

The information exchanged over the wireless link is secured by a double mechanism. The Televic proprietary protocol makes it impossible to tap into the wireless link with standard equipment. Additionally, the use of encryption algorithms and access lists, that allows monitoring which units are connected, eliminate the risk of eavesdropping in meetings where absolute confidentiality is a must. Moreover, the user can define up to 15 custom encryption keys to even further secure confidentiality of the meeting.



#### Simultaneous Interpretation

Televics' Confidea® is the most versatile wireless system around. Additional to the basic discussion functionality, it also offers voting and simultaneous interpretation. The latter with up to 16 language channels - all conveniently transmitted over the wireless link – or up to 58 channels in case of a wired system.



### Basic and Extensive voting

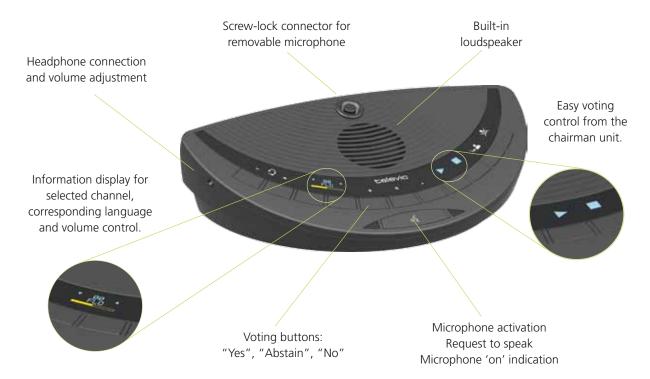
Confidea offers both simple 3 button voting functionality in stand-alone configuration, as well as extensive 5-button voting functionality in a full set-up with central unit and PC-connection. The latter offers voting agenda management, voting result export, etc. In a basic set-up, voting results are displayed on the unit's OLED display.



#### User friendly

The OLED information display with auto dimming function instantly shows the selected language channel and headphone volume. For ease of use, the ISO language code can be added to the channel number, so that the user instantly knows what language he has selected.

# Confidea® Wired and Wireless



# Wireless/Wired Discussion

Confidea (L-) DD - for individual use



- Microphone activation button
- · High quality loudspeaker
- Two headphones connections with single volume control
- Chairman version (Confidea CD) equipped with priority and next-in-line button

Confidea (L-) D2D - for twin use



- Microphone activation button
- High quality loudspeaker
- Two headphones connections with individual volume controls.

# Simultaneous Interpretation

Confidea (L-) DI - for individual use



- Microphone activation button
- · High quality loudspeaker
- Two headphones connections with single volume control and channel selector.
- One OLED information display
- Chairman version (Confidea CI) equipped with priority and next-in-line button

Confidea (L-) D2I - for twin use



- Microphone activation button
- · High quality loudspeaker
- Two headphones connections with individual volume controls and channel selectors
- 2 OLED information displays

# Voting

Confidea (L-) DV - for individual use



- Microphone activation button
- · High quality loudspeaker
- Two headphones connections with single volume control
- Three voting buttons
- OLED information display
- Chairman version (Confidea CV) equipped with priority and next-in-line button
- Chairman can start and stop voting from the unit
- Chairman has two OLED information displays

# Full Function

Confidea (L-) DIV - for individual use



- Microphone activation button
- High quality loudspeaker
- Two headphones connections with single volume control and channel selector
- Five voting buttons
- OLED information display
- Chairman version (Confidea CIV) equipped with priority and next-in-line button

# Access Point

The Confidea Access Point is the central point of communication for the wireless system. It can either be used stand alone for smaller basic discussion systems, as well as connected to a TCS2500 or TCS5500 central unit for larger installations with voting and simultaneous interpretation.

Thanks to the on-board Web server and integrated LAN port all RF-settings and basic conference settings can be controlled from a simple internet browser.

An audio IN/OUT with N-1 feature allows easy connection to a video conferencing system, wireless microphone or recording equipment without the need for an extra central unit.





# Battery Pack



- The battery pack uses Li-ion cells which guarantee a long life without the inherent degradation of battery capacity of other rechargeable batteries. The microprocessor controlled charging allows recharging without the need to discharge first.
- Via a regular web browser an operator or technician can monitor the battery condition of each unit in operation, to avoid any surprises.
- A push button and LED bar indicator on the battery itself allow checking its condition without having to plug it into a unit.



# Flush-mount solutions



### Modular 5500 panels

The modular 5500 panels offer various building blocks enabling the creation of a configuration that is tailored to the need of your installation. The various modules that are available range from fixed or removable microphones to loudspeakers, channel selectors and various voting panels. Any of the modules can be combined to create a layout that offers the required functionality and fits the furniture.

The electronics of the 5500 modules can also be used for the creation of custom panels that meet the most demanding architectural constraints.



#### All-in-one 2500 panels

The all-in-one 2500 panels bundle a number of functions in one single panel. There are a number of models available to fit the specific needs of the customer. The range offers models varying from a basic discussion panel with microphone and integrated loudspeaker, to a full-option panel that also includes a channel selector, 5-button voting and a chip card reader.



### Easy installation

The flush mount panels all use standard computer network cabling with RJ45 connectors and CAT5 cables. This is proven connection technology with widely spread and readily available hardware. Our connectors are not proprietary, they are inexpensive and easy to get hold of during installation or in case of an emergency intervention.



#### Identification

Real-time identification through a chip card automates several functions of the system: delegate names, authorization to vote, voting results, ... are only some examples. Even interpreters can use a chip card to personalize the set-up of their interpreter unit.

# All-in-One Conference Panels

### Fully integrated panels

- · Easy and quick installation
- Daisy-chain wiring
- · Wear-resistant steel front plate
- · Full range, high quality speaker
- · Immune to mobile phone interference
- · Compatible with Confidea® table top series





FD/MV5B



A fully integrated flush mount solution like the FD/M, including 5 button voting and a chipcard reader.

#### FD/MV5CS



A fully integrated flush mount solution like the FD/M, including 5 button voting and a channel selector.

#### FD/ MV5BCS



A fully equipped flush mount solution like the FD/M, including 5 button voting with badge reader and a channel selector.

### Modular Panels

### Configurable building blocks

- · Flexible configuration
- · Up to 4 delegates connect to 1 interface
- · Wear-resistant steel front plate
- · Immune to mobile phone interference
- Customisable
- Compatible with with Confidea® table top series



The DML5500 is a microphone panel that is available with a fixed microphone, or with a removable one on a robust XLR connector. It includes a microphone button, complemented with a prior button for the chairman version. A light ring indicates the active state of the microphone.





The LS5500 is a high quality loudspeaker with a broad spectral response and producing an even sound field for optimal intelligibility. A metal grid protects the loudspeaker. The panel is also available in a slim version for integrations where the furniture offers only limited space.

ODCSA5500



The ODCSA5500 is a channel selector with a contemporary blue and yellow OLED information display that shows channel name and –number. With its portrait layout it is specifically suited to be integrated in a seat armrest and to serve as a listening station.

Voting Panels



Depending on the application a 3 or 5 button panel can be added for voting functionality. When adding a model with an integrated chip card reader and using the voting software, the management of voting rights, voting with authority and presence detection becomes a lot easier.

ODCSL5500



The ODCSL has a landscape format so that it fits nicely with the other modules in a set-up with simultaneous interpretation. It has a headphone connection with volume adjustment and an OLED information display that shows the channel name and –number.



# Custom-made Conference Solutions

When your wishes are beyond standard solutions, Televic can go a long way to offer a bespoke solution tailored to your specific needs. With its project-oriented history Televic has the experience to cope with project-specific requirements even for smaller series. Whether it involves custom-made hardware or tailored software, Televic has the experience and the logistic capabilities to meet your demands.



#### Custom hardware

When your installation has very specific needs from an architectural-, design- or functionality point of view, Televic can help you to the solution. Standard modules can be combined into a single delegate station with a RAL colour of your choice and complemented with additional LAN connections, power sockets etc. Within certain production limitations, other materials such as brass or aluminum are possible.



#### Custom software development

Certain specific applications ask for specific solutions. Televic offers custom software development to accommodate such specific needs, ranging from minor adaptations to existing standard software modules, to full custom software development. One example is voting software, where our software can be adapted to match your specific voting procedures.



#### Project oriented engineering

Originating from a project oriented approach, Televic knows exactly how to deal with customer specific requirement. Together with you, the Televic team of developers and project engineers will help define the required adaptations to the standard products, or even define new products. Only when the design or prototype is found to be fully according to your needs and is fully approved, the product will go into production, closely monitored by those people who have been working with you from the beginning.



#### Custom Series production

Besides a series production plant for the larger quantity of standard products, Televic also has a dedicated assembly line for smaller quantities of customized products. It is located close to its research and development department in Belgium to insure a maximum of interaction between the project development people and manufacturing. This not only reduces the turn-around time, but enables our project leader to make sure that our products are build to the custom specification.

# Going the extra mile to meet your requirements.

Televic is a manufacturer that continuously strives to offer value through differentiation and with an eye on the future. All new product designs are based on a desire to offer our customers solutions for the needs of today as well as the challenges of tomorrow.

### A few examples illustrate this ambition:

- When European Institutions requested in 2003 for a conference system capable of supporting 32 languages, Televic developed a solution catering for up to 58 languages. 2010 will show an actual need for 40 languages, which is still supported by the original Televic solution.
- The Confidea® wireless solution has been designed to operate in both the 2.4 GHz and 5 GHz band. Knowing that the 2.4 GHz band will be saturated soon as a result of interference of Wi-Fi, USB, ZigBee and many other applications, the Confidea® wireless solution is the only future proof solution available in the market today.
- All new central equipment is based on TCP/IP protocol. This gives technicians and operators
  full control (set-up, configuration and meeting management) over the Televic conference
  system from any location requiring nothing more than an Ethernet connection. Upgrades
  of the software can be done seamlessly from one central location. Moreover, this concept
  enables full active coupling of delegate units and interpreter booths of up to 80 conference
  rooms. This requires only limited additional equipment in the central control room and no
  extra equipment at all in local control rooms.



# Custom integrations



Journalist connection box European Court of Justice Sometimes, the standard functionality available from Televic or other brands of conference systems just isn't enough to cope with the specific demands of certain installations. Televic capabilities to modify existing hardware, to add functions and to integrate the total solution into a dedicated piece of hardware are some of the factors that explain Televic's success in many European institutions.

This is an example of a journalist connection box where Televic's OLED channel selectors where adapted to accept balanced XLR connections, and finally were integrated in a single panel. This panel was then installed under a floor hatch, ready to be used whenever necessary. Whenever journalists are present for a public event, they can plug in their recording equipment and dial into any one of the interpreted languages.

Using Televic standard modules, very specific integrations can be achieved. A close cooperation with seat and furniture suppliers in the early stage of a project can result in a tailor-made solution that not only offers the required functionality, but is also pleasing to the eye and matches the atmosphere that the architects had in mind for the conference room. In some cases, small adaptations to existing standard furniture can result in a much better solution for the customer.

Seat- and armrest integration

Integration in armrests of seats usually presents specific challenges such as narrow spaces, lack of room under the seat to hide interfaces and tailor-made armrest equipment. Televic's universal interface has been specifically designed to cope with such challenges.

The universal interface is a very small interface that can be hidden inside the seat and provides full functionality. It is hence no longer required to hide equipment under the seat. The interfaces are linked in daisy-chain, thus minimizing the cabling that runs in-between the seats.

The interface has an array of connections that allow wiring a number of buttons. In this way it is possible to design a button panel that fits the seat perfectly and that in its turn is connected to the interface. Depending on the application, functionalities such as microphone on/off, channel selection, voting etc can be incorporated in a single button panel.





# Interpreter Equipment

### ID5500 Interpreter desk



This heavy duty Interpreter Desk is supplied in a professional all metal housing, and adheres to all international interpreter standards. The ID5500 offers easy and intuitive operation and can accommodate the floor language plus 58 languages. Up to 15 interpreter desks can be installed per booth. An integrated alphanumerical LCD display shows information relevant to the interpreter.

- For table-top or semi flush mounting
- Removable gooseneck microphone with built-in illuminator ring
- 64 x 240 dots graphical LCD display with backlighting
- Integrated loudspeaker with volume control and up and down channel selector.
- Headphones volume, bass and treble controls.
- 5 relay preset buttons for selection of incoming languages.
- Slow Down button to alert chairman that speakers are talking too fast
- Channel B selection keys with red 'engaged' LED indicators.
- Connects to the CPU5500 central unit

### ID2500 Interpreter desk



The ID2500 Digital Interpreter is supplied in an elegant housing, suited for table top and mobile applications. The ID2500 features easy and intuitive operation and can accommodate the floor language plus 4, 8 or 28 languages. Up to 8 interpreter desks can be installed per booth. An integrated graphical LCD display with backlighting shows information relevant to the interpreter.

- For table top use
- Integrated gooseneck microphone, with built-in illuminator ring.
- 122 x 32 dots graphical LCD display with backlighting
- Integrated loudspeaker with volume control and up and down channel selector.
- Headphones volume, bass and treble controls.
- Up and down controls for selection of relay preset languages and outgoing Channel B
- · Connects to the CE2500 central unit

### TEL 10 Headphones



The TEL10 professional dynamic headphones were specifically developed for simultaneous interpretation applications and offer excellent intelligibility and speech reproduction.

- Adjustable steel wire headband
- Hygienic, smooth ear cups for comfort and convenience
- Light pressure on ear, ensuring hours of comfortable wear
- Single cord, causing minimum disturbance to the user



## ALADDIN

# Digital language distribution

On international events with many different nationalities and languages, interpreters do their utmost to make sure that all attendees have a perfect understanding of the speakers' words. It is obvious that this effort deserves the best possible technology to bring the interpreted speech within the reach of the audience.

# Compatibility

Aladdin complies with IEC 61603-7, the industry standard for digital infrared transmission used by other manufacturers of digital language distribution systems. This means that Aladdin is compatible and interchangeable with equipment that is compliant with to the same standard.

### Aladdin R8 Pocket Receiver



The Aladdin R8 receiver is an ergonomically designed, lightweight pocket receiver for the delegate. It is equipped with an LCD that shows the selected channel number and also the language name. The super wide reception angle ensures perfect sound quality. This all contributes to the users' comfort and enhances the listening experience.

The Aladdin R8 can be equipped with standard AA batteries, or with a rechargeable battery pack. To preserve the battery, the receiver switches off automatically when the headphone is disconnected.

### Aladdin RAD25 Infrared Radiator



Aladdin RAD25 is a high power 25 W infrared radiator that transforms the digital signals coming from the Aladdin T8 transmitter into infrared signals. Its high power guarantees a reliable distribution of the infrared signals to cover the conference area, thus providing a reliable reception by the delegates.

The Aladdin RAD25 can either be mounted on a tripod for temporary rental applications, or it can be mounted permanently in the conference venue using a wall bracket. The HF in- and output allow loop through to multiple radiators to cover very large areas. For smaller conference theatres, the Aladdin RAD25 can be switched to half-power.

### Aladdin T8 Digital Transmitter



The Aladdin T8 is the heart of the Digital Infrared Language Distribution system. It translates all incoming audio signals into a digital high frequency signal and sends it to the radiator. The LCD screen and configuration menu allow easy set-up of the system without the need for special software.

- Up to 8 languages standard (up to 32 on demand)
- Built-in infrared emitter for audio monitoring
- Language name assignment for easy channel identification
- Emergency signal interface
- Adjustable input sensitivity
- Configurable quality- and mono/stereo modes.

# T-Rex Recording Software

The TReX (Televic Recording Matrix) software takes modern conferencing to a next level of interaction. The software suite enables multi-channel recording of your conference. TReX hence not only records the audio of the speaker, but simultaneously records the different interpreter channels. An integrated coupling with the conference system automatically generates timestamps to mark all relevant events during your conference. A network interface allows remote management and control using a standard internet browser.



### TReX Network Access



The TReX recording software can be remotely controlled through a standard web browser. This optional feature is ideal for multi-room applications where recordings for the various rooms can be controlled from one central location and over the existing LAN infrastructure.

The TReX web interface can provide recording control functions such as start, stop, pause and marker insertion. It provides information such as the recording state and recording session data. The browser based technology allows easy integration into other applications.



### TReX Recording Software



The TReX Recording Software offers all you need to record your conference audio, including simultaneously interpreted language channels. The software runs on a standard PC and can in its basic configuration record 2 audio channels simultaneously. When adding additional licenses and the appropriate audio card, up to 20 languages can be recorded simultaneously.

- PC-based recording software
- Manual and automatic marker insertion
- Voice activation
- Marker timeline
- WAV or mp3 file format

### TReX Transcription Software



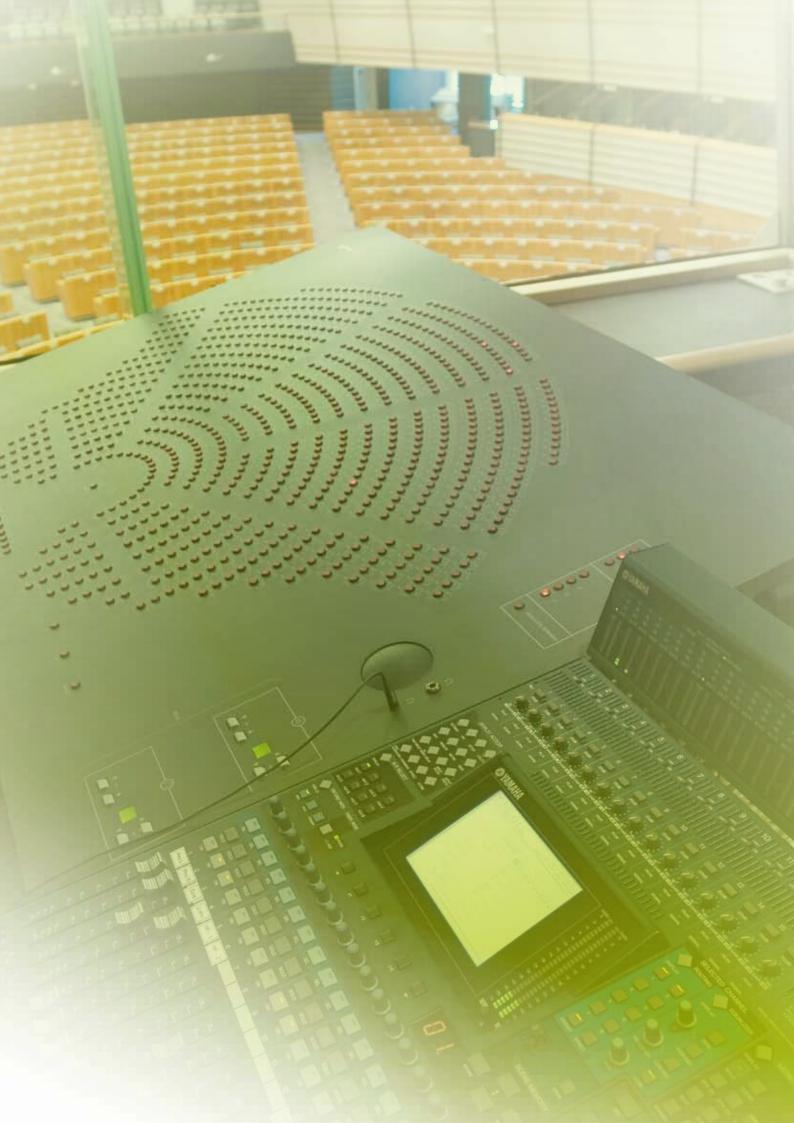
The TReX Transcription software is the ideal tool to be used by transcribers to create meeting minutes. The tool allows transcribers to listen to the recording while controlling the playback through a foot pedal. For the purpose of intelligibility, the speed of playback can be controlled without changing its pitch. In addition, to help the transcription of difficult to understand sections in the recording, the transcriber can simultaneously listen to two different languages in the left and right ear.

- Foot pedal control
- Playback speed control
- Loopback control
- Marker editor
- Recording splitter: by marker, by count or by time interval

### TReX Player



The TReX Player is a small software tool that opens TReX recordings. Like any other player it playbacks the audio file, but additionally lets the user choose between the available languages in that audio file and displays the markers. The user can browse through the markers and jump to any point in the recording by clicking the respective marker. The TReX Player is a free tool that can be distributed freely throughout your organization.



# Central Equipment

### CE2500 Central Unit



The CE2500 central unit comes in an all-metal19"housing for rack or tabletop mounting. It is specifically suited to cater for the smaller installations and supports the Confidea® table top unit and All-in One flush mount panels.

All settings can be adjusted using the jog-wheel and LCD display, but can also be set through the Televic PC software.Communication with a PC is possible through an RS232 connection.

The integrated supply provides power sufficient for smaller systems. If more power is needed, two central units can be interconnected in a master-slave configuration. When configured to its maximum capabilities, the system supports up to 28 channels for simultaneous interpretation.

### CPU5500 Central Unit



This sophisticated unit has all it requires to handle large and complicated installations. For very large systems, a virtually unlimited number of extension units and power supplies can be added to accommodate a virtually unlimited number of delegates in the system.

The LAN network connectivity enables to easily integrate the conference system in a networked environment. Communication between the central unit, one or more control PC's, slave PC's and video display PC's can be easily established via LAN cabling and TCP/IP.

The system supports up to 58 simultaneous interpretation languages and is therefore the workhorse in many institutions worldwide.

### Analog Audio Interfacing Units



Two 19" rack-mountable units: AIP5500 Dual Auxiliary Analog Input Panel and the AOP5500 Dual Auxiliary Analog Output Panel add analog in- and output capabilities to the CPU5500 based system. Any number of these modules can be added to achieve the number of in- or outputs required.

The PIO5500 is a programmable unit offering 4 inputs/outputs with N-1 functionality. Several PIO5500 units can be daisy-chained allowing a virtually unlimited number of programmable analog inputs/outputs.

## Digital Audio Interfacing Units



The DIOP5500 Digital Input Output Panel is part of the TCS 5500 digital conference system.

It provides four mono digital AES/EBU or SP/DIF audio output signals and accepts two (stereo) digital AES/EBU or SP/DIF audio inputs

All inputs and outputs can be optical or copper and several DIOP5500 units can be daisy-chained

# Conference Control Software

Televic conference systems come with a comprehensive suite of software packages that facilitate the installation, configuration and operation of the system. The software is modular so that only the modules that are relevant to the actual use of the system need to be installed.

Preparing agendas, managing delegate lists, displaying voting results ... these are just a few examples of what Televic software offers to the user of the conference system.

However, the software not only supports the use of the system, but also allows operators in central control rooms to monitor and control the system. In multi-room installations, Televic software makes active room coupling as easy as a mouse click.





### Microphone Management



### Delegate Management



### Voting Management

The microphone management software allows you to manage your conference system from any PC connected to the Central unit, either via RS232 or via a TCP/IP Ethernet connection.

- Automatic and manual microphone initialization.
- Creation of speakers list
- Synoptic room layout: the software provides a full editor to create a screen that replicates the layout of the room and represents the physical position all microphones.
- Microphone activation control via the synoptic layout, microphone number list or delegate name (with S-DM software)
- Controlling the conference mode settings
- Speech time management
- Microphone logging

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Via an intuitive user interface, the delegate management software package allows the creation and use of a database containing all relevant information related to the participants in a conference.

- Creation of a delegate database
- Importing from file
- Detailed information per delegate
- Linking to political party
- Move delegates to other microphones
- Printing of sorted information
- Search function
- Synoptic screen with delegate names
- In combination with the voting software, voting rights and authority can be assigned.

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The Multi Voting Management software assists in the complete process of voting. Before the start of the meeting a voting agenda can be prepared to support the voting process. During the session, voting can be started and stopped, and voting results are visible on the master PC, controlled by the operator or the chairman.

- Creation of agenda database
- Moving agenda points
- Agenda search
- Import agenda from file
- Defining voting mode: 3 or 5 button
- Voting synoptic displaying results on the master PC screen
- Printing of the voting agenda
- Printing of the voting results
- Logging of voting characteristics

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# Wireless Conference Access Point Webserver Control Software



The Confidea® wireless on-board Web server and integrated LAN port allow controlling all RF-settings and basic conference settings from a simple internet browser. The web server also provides an RF monitoring function, offering an indication of the condition of the spectrum nearly in real-time.

The webserver offers among other things the following:

- Unit initialisation
- Management of conference settings
- Battery condition monitoring
- RF spectrum and link quality monitoring
- Defining and activation of encryption keys
- Analog in- and output level settings
- Event logging

The access point of Televic's wireless
Confidea® system is equipped with a
built-in web server that eliminates the need
for additional software in entry-level
installations. The server can be accessed
using a standard internet browser. This not
only reduces cost, but increases the ease of
use significantly.





The Video Display Software module allows showing relevant information graphically. It will typically run on a slave video PC of which the graphics card will provide the output for the display. The display can be a plasma screen, a large screen monitor or beamer installed in the conference room so that it is visible to the delegates of the conference.

- Display of speech time, voting results or synoptic screen
- Show individual and group speech time
- Show speaker names and request list
- Display voting results graphically
- Display item number, amendment number and title of the topic
- Display individual voting results via a synoptic layout
- Start/Stop voting indicator, including remaining time to vote
- Graphical and/or textual format.



Interpreter Management

The simultaneous interpretation application supports the preparation of simultaneous interpretation facilities and the monitoring of interpreter activities during a conference. It can accommodate up to 58 interpreter booths, each with up to 15 interpreter desks

- Interpreter configuration management
- 58 interpreter booths
- 15 interpreter desks / booth
- Interpretation desk initialization
- Monitoring of interpretation activities
- Real time channel B update
- Upload actual configuration from CPU to PC
- Intercom configuration
- Desk function configuration
- Message distribution
- PIO5500 configuration

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The remote management software is an ideal tool for multi-room applications where the control and management of the various rooms need to be done from a single central control room. Via a diagnostic screen the condition of the different rooms in the installation can be monitored and the various Televic software applications installed in those rooms can be activated remotely. In this way, the Televic conference systems installed in different rooms can be controlled and monitored from a single central control room.

- Ideal multi-room monitoring tool
- Diagnostic screen with state and version info per room
- · Active and passive room coupling
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# Recording & Transcription TReX













# Recording & Transcription TReX







# Central equipment TCS2500



Central unit



Analog Audio interfacing units

### SW Control

- Microphone management
- Voting management
- Interpreter management
- Visualisation



## **AV** Integration

- Room Management systems
- Camera control systems
- Video Conference applications

### Flush-Mount

All-in-one



SPL5525



Modular



INT5500



#### Customised







#### Seat integration







# Central equipment TCS5500



Central unit



Analog & Digital Audio interfacing units

### SW Control

- Microphone management
- Voting management
- Interpreter management
- Visualisation



# **AV** Integration

- Room Management systems
- Camera control systems
- Video Conference applications
- Custom applications via API interface



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