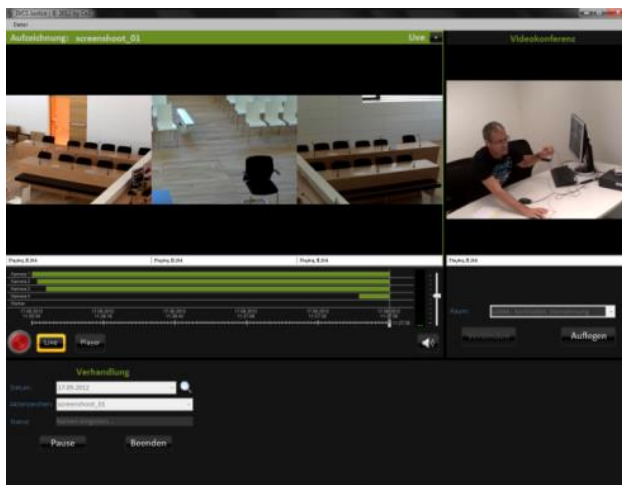# IVCS – smart court solution

IVCS, the **I**ntegrated **V**ideo-recording, **C**ommunication and **C**ontrol **S**ystem", is a "SMART COURT" solution with one integrated interface for the following use cases in courts:

- for the court room:
  - o audio/video capture and recording of proceedings for transcript after the proceeding, for video protocolling or quality reasons,
  - o playback of any recordings (proceedings, hearings, etc.) and evidence,
- for the hearing room:
  - o audio/video capture and recording of a normal or contradictory hearing – mobile version available,
- video conference and -recording:
  - o for hearings of witnesses, parties, experts and for the integration of interpreters - in the LAN/WAN and recording at the same time,
- live-broadcast
  - o of proceedings with high public interest and for the media,
- control and automation of the audio and video installation and of lights and blinds through a very easy-to-use GUI on the IVCS-PC,
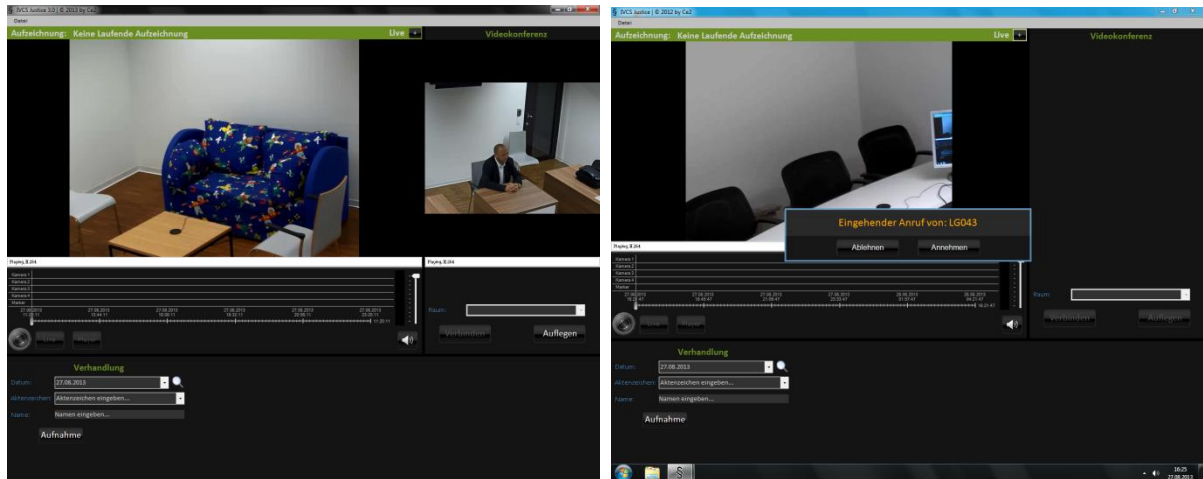

Special characteristics of IVCS:

- modern system design - Ethernet-network + PC + TCP/IP + NAS,
  - o simple solution for interrogations: 1 PC, 1 IP camera, 1 microphone, 1 audio-modul,
  - o usage of the IP network for almost everything - for audio and video data transfer and communication and for the building automation to control lights, blinds, etc.,
- simple and secure handling
  - o GUI very easy-to-use, running on the IVCS-PC to handle all functions, like recording, playback, conference, a/v and building automation,
  - o main functions are designed to be handled by the judge and are reduced to like start, pause, stop, playback (during the proceedings), etc.,
  - o displaying the recorded video on the screen for control purposes - to ensure secure operation of the recording – in the near future,
- video protocol and transcript
  - o set and edit marks in the video – instantly and after the proceedings,
  - o make and comment on playlists to create „video protocols" (in the near future),

IVCS – smart court solution

- o make proceedings and interrogation with or without the presence of a court reporter and transcript after the proceedings (IVCS-player with USB-foot pedal),
- ➢ Conferences and streaming
  - o any conference connection between the court and interrogation rooms in the LAN or WAN possible, combined recording of the proceedings and interrogation,
  - o establish a connection very easy,
  - o video broadcast proceedings to another room for the press, if necessary.
  - o convert videos for web-streaming – in future release,

- ➢ Integration of a/v- and building control into IVCS
  - o Connect and control external sources like notebook, DVD-player, external videoconference system (SIP), document camera, etc.,
  - o control and automation of the audio and video installation and of lights and blinds through a very easy-to-use user interface on the IVCS-PC,
  - o easy playback of evidence (audio and video) being on DVD, CD, USB-devices or central storage (NAS) through the Multimedia-PC. Audio can be recorded during playback,
  - o recording of external video-conference sessions (SIP) – in next release,
  - o technical components depend on the requirements (microphones, amplifier, speakers, screens, beamer, PC, IP-cameras, NAS, LAN, etc.,
  - o integration of assistive listening devices.

Installations in Austria:

- ➢ Public Prosecutors Office for Combating Economic Crimes and Corruption (1 hearing room, 1 mobile hearing system), since 2011
- ➢ Regional Court Korneuburg (7 court rooms, 6 hearing rooms, 1 hearing room for Pub. Prosecutors office, control and automation of a/v, lights, ..), since 2011,
- ➢ Regional Court Krems (2 court rooms), since 2008
- ➢ Regional Court for Penal Cases Vienna (4 court rooms, 2 hearing rooms), since 2013
- ➢ Regional Court Eisenstadt (1 court room, 1 hearing room, 1 mobile video-recording and media system, control and automation of a/v, lights, blinds), since 2013.

MULTICON IVCS:

Is a product of Ce2 GmbH, developed based on the requirements of the Austrian Ministry of Justice.

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Project in co-operation with:

More info: http://www.ce2.at/index.php/produkte-loesungen/videorecording

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