

DEMONSTRATOR

CONNECTED VISUAL REALITY

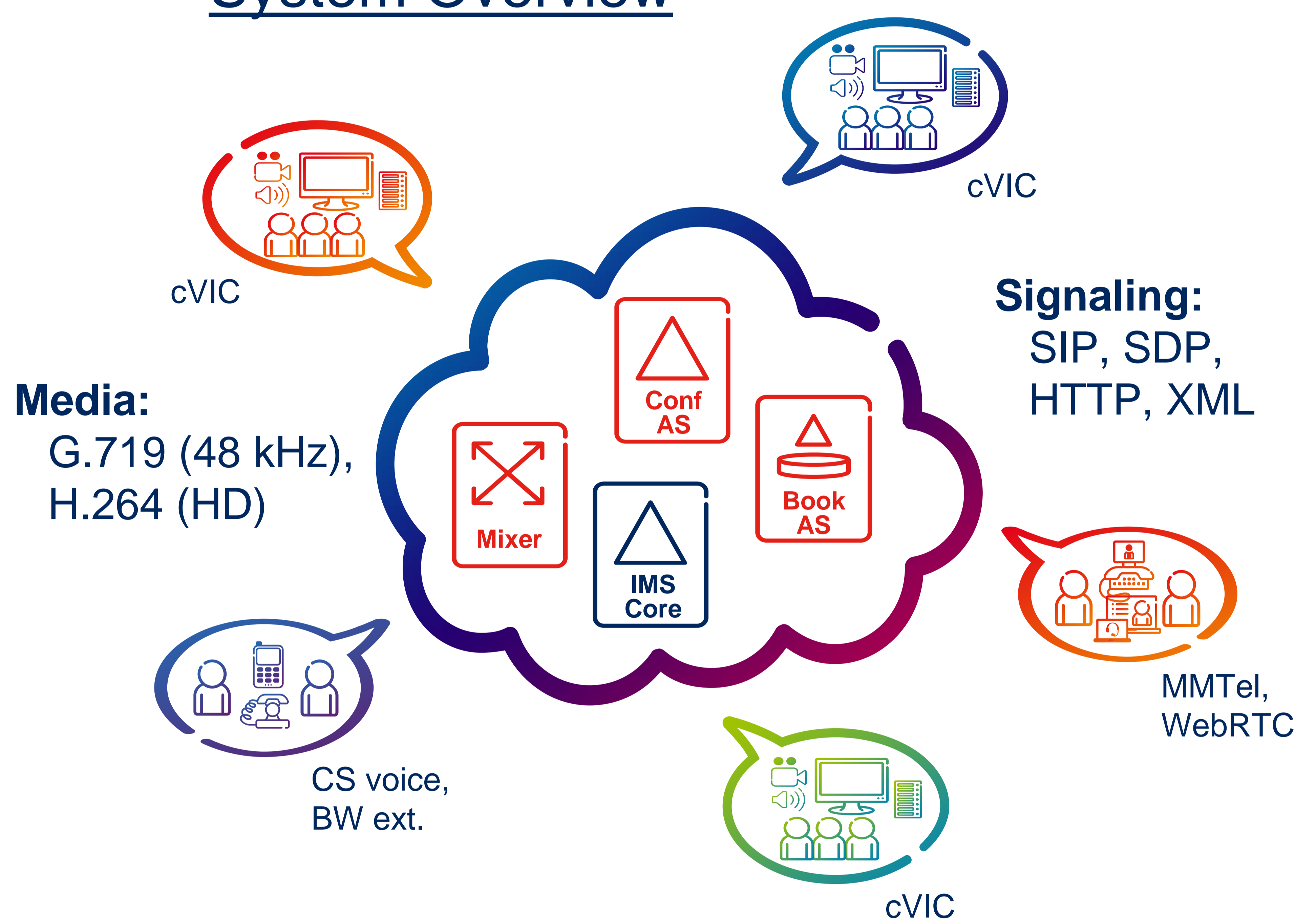
High Quality Audio Visual Communication in Heterogeneous Networks

Video conferencing system prototype using the IP Multimedia Subsystem (IMS) framework and CoVR components. Integration of newly developed features from the CoVR partners in one common system.

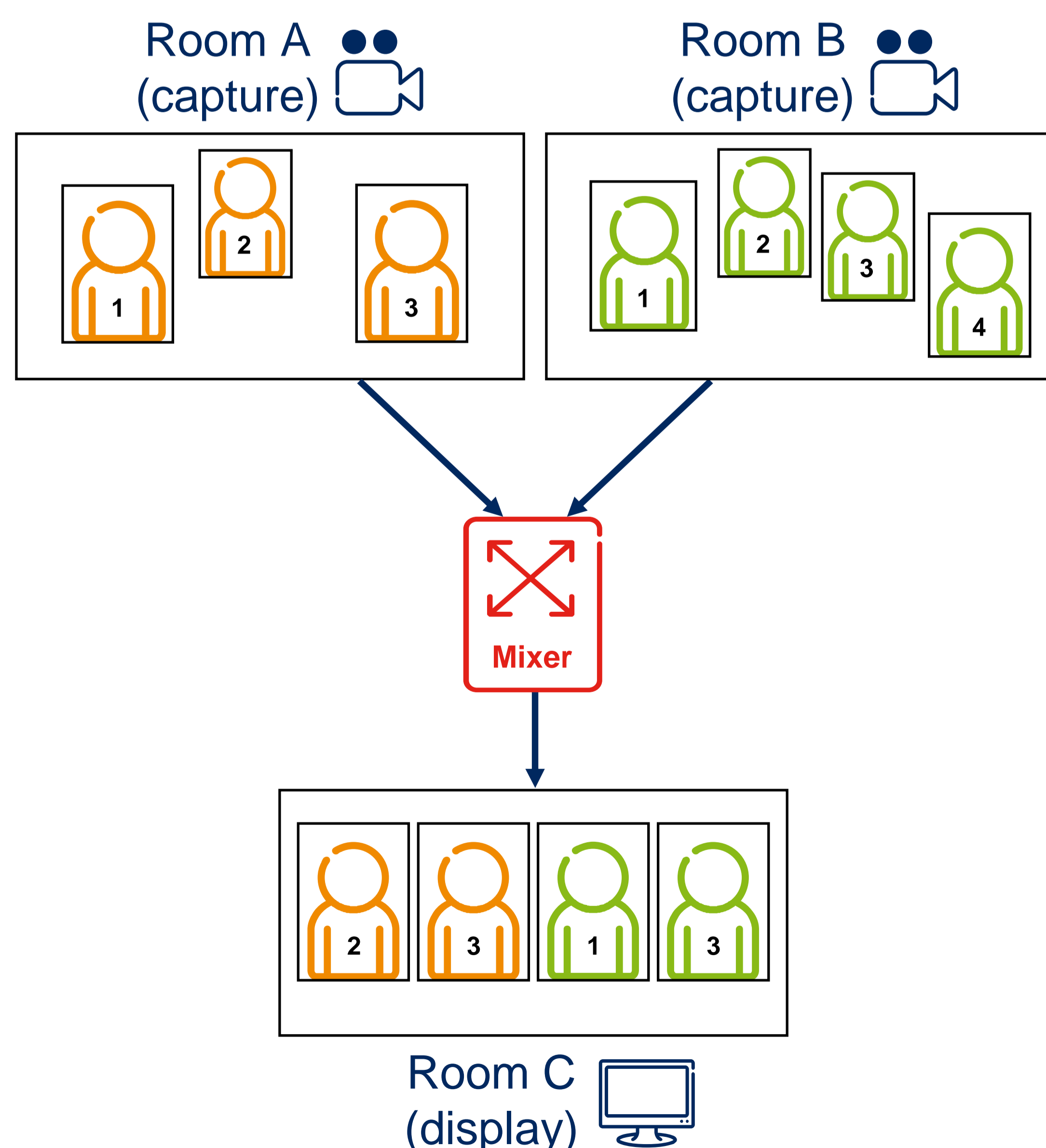
System Overview

CoVR Components:

- IMS domain providing subscriber provisioning and routing
- Conference and booking server
- Media mixer
- Software client (cVIC) (initially developed by Ericsson Research)



Scene Composition



Features:

- Audiovisual scene composition
- Spatial and active speaker detection
- Combined audio and video analysis
- Enhanced AV signal processing
- Region of interest and scalable video coding
- End-2-end integration
- Interoperability with CS voice, MMTel and WebRTC

