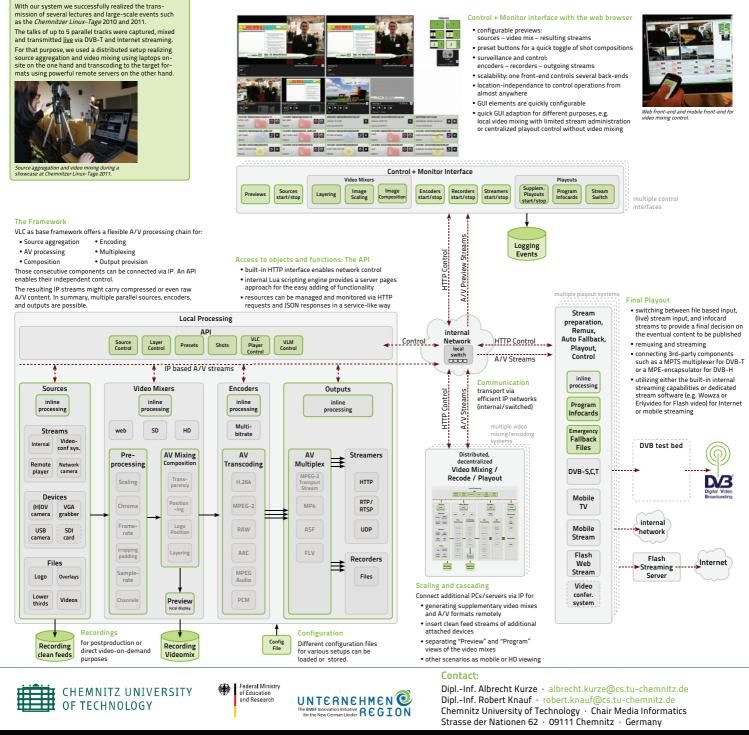


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A Scalable Open Source Framework for Live Media Production and Distribution

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Based upon the open source multimedia framework Videolan Client (VLC) we developed a scalable solution for video live production. It allows recording, composing images, encoding and distributing to digital TV, web or smartphones. With the help of few simple and low budget components as a laptop, (H)DV camera and VGA grabber both video and audio as well as the current picture of a beamer can be captured and arranged at high quality. Graphical elements as logo, lower thirds and program infocards can be superimposed and managed. All components are connected via IP and can be distributed across several PCs and servers in accordance with the requirements. A playout system capable of both broadcast and broadband transmission can be established either on the on-site laptop or on more powerful remote servers.



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