

**CASE STUDY**



# Key Digital Provides Smooth Transition to Virtual Activities for Arkansas Courthouse

Key Digital designs a system to offer a simplified and user-friendly approach to a fully online courtroom experience using current hardware and software ecosystem.

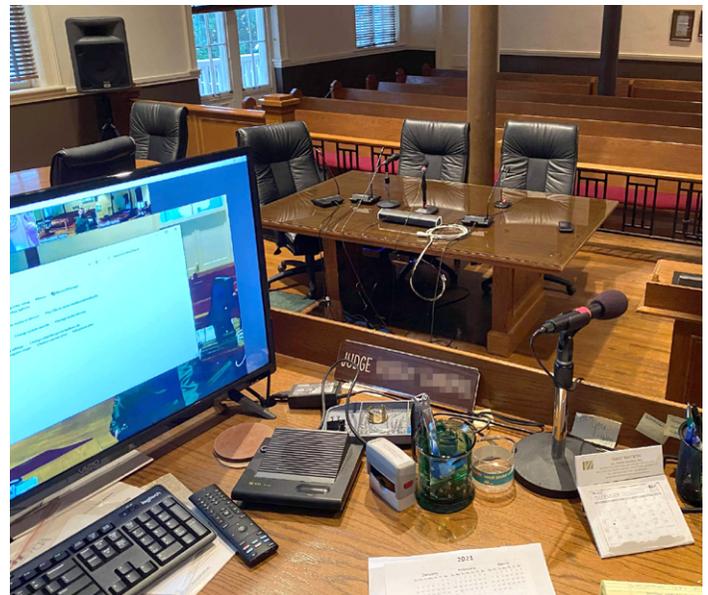
Acting fast to adapt to the current restrictions and safety precautions in place due to COVID-19, courthouses and courtrooms across the world have turned to the leaders in AV for guidance in virtual proceedings, hearings, and trials. In response, Key Digital methodically designed a system using its trusted existing hardware and software ecosystem to offer a simplified and user-friendly approach to a fully online courtroom experience with the necessary confidentiality and privacy.

With the [Key Digital® Courtroom Communications System™](#), **KD-CCS™**, the system features AV over IP encoders and decoders, located at each participant's table. Unlike traditional AV Systems, the system does not require a centralized equipment rack, making KD-CCS™ especially ideal for installation in the existing courtroom.

*The success of this system is a perfect example of the power behind a skilled integrator combined with the impressive array of Key Digital's product lineup.*

When White County Courthouse in Searcy, Arkansas contacted the professionals at Fortress Audio Video and Surveillance to install the required elements for a virtual undertaking, the company knew to turn to Key Digital for a reliable turnkey system solution with maximum efficiency. Fortress Audio Video & Surveillance offers a service-based company located in Arkansas specializing in audio,

video, ethernet, and camera systems sales and installation for residential, commercial, car, and marine. Its expertise shines through as the company goes above and beyond for its clients in every project.



The system runs smoothly and steadily via a managed network switch and provides the Operator with a user-friendly PC control software to route video content and camera feeds. Concerns regarding the technical savvy of the operators were immediately quelled when the Legislative Officials of White County used the system, and the Judge often operates the system without any need for an Operator.

## Case Study - The White County Courthouse



The White County Courthouse now has the ability to route the audio and video from Participant's voice, camera feeds, and shared laptop content for their local and remote activities. Participants are completely managed in a way never before possible providing complete confidence for these essential functions and communications.

The **KD-CCS™** system is comprised of a request button for each participant, [KD-CAMUSB](#) 1080p PTZ cameras, push-to-talk USB microphones, [KD-IP1022ENC](#) and [KD-IP1022DEC](#) 4K AV over IP encoders and decoders, KD-RMPC mini computers, a Linksys LGS328MPC managed network switch, and PC control software for the operator for AV routing of each participant to a single participant or to all participants, and PTZ camera control. [Key Digital Management Software™ Pro](#) (KDMS™ Pro) provides an intuitive GUI designed for an optimized user-friendly experience.

At the heart of the installation is Key Digital's pre-configured AV over IP foundation with its KD-IP1022 encoders for camera and laptop capture via HDMI and a decoder for each participant's monitor. Key Digital's KD-CAMUSB provides adjustable PTZ and preset control at each station. With the press of a KDMS button, participants can change from camera view to laptop share. The audio portion provides 2-way audio via USB microphones for public and private communications, and uses the display's speaker for audio or may be integrated with an amplifier or assisted listening system if desired.

The success of [Fortress Audio Video & Surveillance](#) at White County Courthouse is a perfect example of the power behind a skilled integrator combined with the impressive array of Key Digital's product lineup. The courthouse has conveyed that the system is more versatile and user-friendly than they believed



possible, and they look forward to adding additional Key Digital products and solutions in the future.

### About Key Digital®

Key Digital products are designed and engineered in-house in Mount Vernon, NY. Superior quality, ease-of-installation, and versatility are the result of strenuous research, development, and testing. Expertise and unparalleled knowledge have created a unique hardware-software suite solution ideal for the consultants, designers, and installation firms of the A/V industry. Key Digital is known to deliver best-in-class products based on quality, performance, and reliability. For more visit [www.keydigital.com](http://www.keydigital.com).



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