

Douglas Hoag: Consulting Profile



Douglas Hoag CTS

Role

As Principal Consultant at DCH Technology Consulting, Douglas leads technology planning and audiovisual design services for a wide range of clients. His approach is rooted in a deep understanding of user needs, coordination with stakeholders, and delivering cohesive solutions that prioritize usability, integration, and long-term functionality. Douglas provides responsive consulting that supports client goals through clear communication, technical expertise, and thoughtful design.

Education

BA Communications, University of Northern Colorado 2012

Accreditations

Certified Technology Specialist (CTS), InfoComm 2016

Affiliations

Consultant Council, AVIXA 2022

Work Experience

Commercial Property:

Confidential Client, Baltimore, MD

Provided audiovisual consulting, systems design, and project management for phased portions of a 235-acre waterfront mixed-use development. The scope included apartment amenity spaces and outdoor public areas, with distributed audio supporting music along promenades and shared gathering spaces. Coordinated audiovisual requirements within the development's phased delivery.

Confidential Client, Washington, D.C.

Provided audiovisual consulting, systems design, and project management for residential and office portions of a 24-acre waterfront mixed-use development. The scope focused on apartment amenity spaces and shared amenities for corporate occupants, supporting meeting, gathering, and day-to-day use.

Corporate:

Microsoft Global Audiovisual Owner's Representative

Served as Global Deployment Manager for Microsoft's audiovisual owner's representative program, coordinating consulting resources across offices and supporting consistent delivery of new construction, office fit-out, and equipment refresh projects worldwide. Worked with Microsoft to develop audiovisual standards and reviewed projects for compliance. Combined global program coordination with direct project management, consulting, systems design, and commissioning across more than 50 projects, including major campuses, executive engagement environments, and office facilities.

Microsoft Executive Engagement and Envisioning Centers

Reston, VA; Burlington (Boston), MA; Chicago, IL; and Schiphol (Amsterdam), Netherlands

Provided audiovisual owner's representative services, consulting, and systems design for executive engagement environments featuring industry-focused demonstration vignettes. Developed flexible scene controls that allowed staff to configure content sources, displays, and lighting, then assign those settings to discrete presenter buttons at each vignette. The coordinated systems supported natural storytelling while allowing the owner to adapt presentations over time. Verified control programming and system operation through handoff.

Microsoft Silicon Valley Campus, Mountain View, CA

Led audiovisual owner's representative services for Microsoft's 643,000 square foot Silicon Valley Campus, supporting delivery across more than 100 conference and collaboration spaces, a campus auditorium, and the quad multi-purpose space. Coordinated with Microsoft IT and internal stakeholders to align room standards and user experience goals. Provided design and contractor submittal reviews, field observations, and issue resolution support to drive cohesive implementation of video conferencing and network-based audiovisual systems. The auditorium included broadcast capabilities and a full-proscenium, direct-view LED video wall spanning the width of the stage

Confidential Client, Washington, D.C.

Consultant for 6' x 25' multi-zone LED touch video wall as the main lobby feature for a multi-national technology company's policy center, which is utilized to engage the federal government. Douglas provided audiovisual project management, consulting, design and commissioning services.

Bank OZK, Little Rock, AR

Consultant for five-story 248,000-square-foot bank headquarters. This striking glass façade building in the hills of Arkansas required upscale lighting and audiovisual design to support executive level spaces and impressive collection of artworks. Douglas provided audiovisual project management, consulting, systems design and commissioning for executive level conference spaces and multi-purpose spaces.

Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

Provided audiovisual consulting and systems design for the executive suite boardroom. A continuous 32:9 direct-view LED video wall supported two simultaneous 16:9 images, each measuring 136 inches diagonally, or one centered image of the same size. Microphone-based camera tracking and laptop connections at multiple board-table locations enabled presenters to share content and access room conferencing peripherals through a simple meeting workflow.

Tri-State Generation and Transmission Association, Westminster, CO

Provided audiovisual consulting and systems design through construction documents for a multipurpose boardroom with flexible furniture configurations and a dedicated control room. Network-based audiovisual systems allowed a mobile lectern to operate at five floor-box locations without reconfiguration. Operator controls supported audio-level adjustment for up to five active delegate microphones and manual positioning and selection of eight cameras for video conferencing and recording.

Education Environments:

University of Northern Colorado, Greeley, CO

Acted on behalf of the university as an installer and designer of audiovisual system for well over 150 classrooms and meeting spaces on a 260-acre campus. This included classrooms, lecture halls, auditoriums, conference rooms and research spaces.

Metropolitan State University of Denver, Denver, CO

Acted on behalf of the university as the owner of audiovisual system for over 100 classrooms and meeting spaces on a 126-acre tri-institutional urban campus. This included classrooms, lecture halls, conference rooms, research spaces and sports fields. His role included creating and enforcing standards for cohesive technology system deployments, designing classroom control system interfaces, and creating collateral materials and user manuals.

ISD 624 White Bear Lake School District, White Bear Lake, MN

Provided audiovisual consulting and systems design for a new Performing Arts Center encompassing an 800-seat auditorium, control booth, and supporting spaces. Coordinated audiovisual infrastructure and equipment integration across performance and backstage areas to accommodate theatrical productions, presentations, and educational use.

Somerset School District, Somerset, WI

Provided audiovisual consulting and systems design for a new 21,300-square-foot Performing Arts Center addition encompassing a 600-seat auditorium and supporting spaces. Coordinated audiovisual systems with the architectural design to accommodate theatrical productions, presentations, and educational use.

Blooming Prairie High School, Blooming Prairie, MN

Provided full audiovisual consulting and systems design for the high school's auditorium addition. Coordinated with architects and acoustics consultants on projection sightlines and equipment integration, including projector placement within the architectural surroundings. The scope included sound reinforcement, audio mixing, wireless microphone infrastructure, and production intercom systems to support performances and presentations.

Government:

Commonwealth of Kentucky, Kentucky

Served as Independent Certifier for KentuckyWired, a 3,000-mile fiber-optic network spanning all 120 counties, managing certification activities covering more than 900 sites. Developed the certification framework, field inspection checklists, and fiber-test review procedures, trained reviewers, and personally performed site evaluations. Established consolidated tracking and automated checks of submitted test data to identify duplicate records and failed results, supporting monthly progress and deficiency reports. Served as the primary contact with the Commonwealth and the design-builder.

Waukesha County, Waukesha, WI

Led the comprehensive audiovisual system design for the 191,000 sq ft Waukesha County Courthouse renovation, a project encompassing upgrades to HVAC, plumbing, electrical, and audiovisual systems. Douglas's contributions focused on integrating state-of-the-art technology to enhance courtroom functionality, including sound reinforcement and display integration, thereby supporting modern judicial proceedings.

Pierce County, Ellsworth, WI

Consulted on the audiovisual design and integration for the 61,000 sq ft Law Enforcement Center and Judicial Addition in Pierce County. This project involved creating technologically advanced courtroom and law enforcement spaces to enhance judicial proceedings and law enforcement operations. Douglas's contributions ensured that the audiovisual systems supported transparency and efficiency in judicial functions.

City of Hutchinson, Hutchinson, MN

Provided audiovisual consulting for the new 36,000 sq ft Police Department facility in Hutchinson, MN. The project included designing systems for the Emergency Operations Center, Roll Call spaces, and multi-purpose office areas, aiming to improve communication and operational efficiency within the department. Douglas's expertise contributed to creating a facility equipped to handle modern policing demands.

City of Minneapolis, Minneapolis, MN

Provided audiovisual and broadcast systems design serving the historic City Council Chambers, the mayor's press briefing room, and several conference rooms. A centralized broadcast platform connected room cameras and presentation sources to two control locations, allowing operators at either location to access production functions for the council chambers and press briefing room. A fully equipped primary control room and a smaller secondary control room supported different production needs.

City of Virginia, Virginia, MN

Consulted on the audiovisual systems for the new 48,000 sq ft Public Safety Facility in Virginia, MN. This state-of-the-art facility combines fire and police operations into one shared space, featuring a regional training center for specialized public safety training. Douglas's work ensured that the facility's audiovisual capabilities met the needs of modern public safety operations and training programs.

Tazewell County Justice Center Annex, Pekin, IL

Provided owner advisory services and audiovisual requirements development for the new Justice Center Annex. Worked with judges, clerks, and representatives of the Illinois Supreme Court system to reconcile stakeholder requirements and define courtroom operating workflows. Documented digital evidence presentation to jurors and judge and clerk control functions, establishing a coordinated basis for subsequent audiovisual systems design.

Shawano County Courthouse, Shawano, WI

Provided owner advisory services and audiovisual requirements development for courtrooms and the county boardroom. Worked with judicial, sheriff's department, county, and IT stakeholders to define operational workflows, essential system requirements, and shared expectations. The owner-facing basis-of-design narrative documented evidence presentation, judge and clerk controls, and board meeting procedures, including requests to speak and chair-controlled microphones, to guide subsequent systems design.