



System Design Group



David Hewson

Profession

Audio Visual/Professional Video Systems Design Consultant

Current Position

Senior Consultant

Joined McSquared Systems Design Group in 2006

2003 – 2006 AVW-TELAV / I.S.T.S. Inc.
1991 – 2003 Electronic Arts (Canada)
1985 – 1991 Beach Computer Group

Qualifications

Diploma, Capilano College, North Vancouver, BC – Business Management and Computer Systems

Post Graduate Studies

BCIT AutoCAD level I certification
ICIA CTS, International

Communications Industries Association - Certified Technology Specialist; Installation School Level 1 Installation Technician

Crestron Essentials of Crestron Programming, Intermediate Crestron Programming

Extron School of advanced AV technologies certifications

Tandberg Videoconferencing System MXP platform Design Certification

SynAudCon Audio Program certification - Sound Reinforcement for Technicians; Sound Reinforcement for Operators

Professional Associations

- ❑ ICIA, International Communications Industries Associations, Inc
- ❑ Extron Technology Advisory Council

Key Data

David is a consultant with over twenty-four years experience in IT, telecommunications, and videoconferencing. Dave has been designing, building, and using integrated

boardroom and theatre A/V systems since 1994.

Dave began his IT career building and networking high-end CAD workstations and servers for corporate clients throughout B.C. He then moved to Electronic Arts (Canada), where as the senior technician he was responsible for over \$1.5M of integrated A/V systems, including world-wide videoconferencing and touch panel designs worldwide.

From 2003 to 2006, Dave worked for a Vancouver systems design and integration firm, and as their programmer-integrator he used his extensive A/V experience to improve the design of the integrated A/V systems being installed in both corporate and high-end residential systems. His extensive experience in support and operation of A/V systems allowed him to quickly troubleshoot existing installations, implement improvements, and increase reliability and ease of use in critical systems. David's system design and control system programming included Wi-Fi touch panels, web-enabled control systems, and IP-based videoconferencing.

Dave has obtained certifications from Tandberg (videoconferencing), Crestron (control system programming), and Infocomm (Certified Technology Specialist), Extron for their advanced video and audio products, and SYN-AUD-CON for sound system operator and design training to increase his technical knowledge in audio and acoustics.

Dave's extensive experience in support and operation of A/V installations allow him to provide clients with completed systems that meet their needs and expectations.

Relevant project highlights currently under development:

- ❑ **UBC, Distributed Medical Program, Capital Renewal of University sites (UBC, UVic & UNBC)**

Development of revised performance guidelines. Design of high definition, fully digital video, distance education enabled, videoconferencing based

distance education AV system used for the remote education of year 1&2 of the Distributed undergraduate BC Medical School.

Scheduled Completion: Phase-1 Jan 2010

- ❑ **Sauder School of Business, Henry Angus Building, Point Grey Campus, Vancouver**

Design and AV Coordination of the Henry Angus building upgrades: Distance education enabled AV systems, digital signage, high-tech classrooms and theatres, video wall, videoconferencing-equipped meeting rooms.

Scheduled Completion: Phase-1a and -1b Dec 2009

Relevant Project highlights recently completed

- ❑ **Vancouver Island Health Authority Emergency Department**

Design of high-definition videoconferencing-equipped conference room.

- ❑ **Sauder School of Business, Robson Square, Vancouver**

Design of high-definition distance education enabled AV systems for the distributed part-time MBA program, between the Vancouver downtown campus and UBC Okanagan.

- ❑ **MPAACT Phase-1**

Design of distance education enabled, videoconferencing based distance education AV system for the Medical Provincial Affiliated Academic Campus Technology Project, used for the remote education of year 3&4 of the Distributed undergraduate BC Medical School located at 8 teaching hospitals throughout BC.

- ❑ **UBC, Distributed Medical Program**

Development of user requirements, performance guidelines, distance education enabled, videoconferencing based distance education AV system used at the university sites for the remote education of year 1&2 of the Distributed undergraduate BC Medical School.