



**AV MULTIMEDIA DESIGNERS**

**SINCE 1982**

Places of Worship

[www.novita.ca](http://www.novita.ca)

## AV MULTIMEDIA DESIGNERS

Novita has specialized in designing a wide range of information, communications and presentation systems since 1982.

We are an independent consulting and design office only. We do not sell equipment or represent manufacturers or suppliers.

We understand how clients can use technology to inform, persuade and teach. We believe that technology is a means to an end, not an end in itself.

We design systems and equipment with an integrated approach, bringing together a number of disparate technologies into a single system package. We want the attention of the audience to be directed towards the content of the presentation, not the technology.

Novita's staff have a wide range of qualifications and experience in Audio-Visual Multimedia design. In addition to formal and in-service training, many have worked in other aspects of the industry such as installation, operation, and technical support.

### Our AV Multimedia Services Include:

- Broadcast Systems
- Audio Reinforcement and Effects
- Specialized Lighting and Effects
- Audio Paging and Monitoring
- Video Monitoring
- Large Format Video Display
- Optical Film Projection
- Assistive Listening and Simultaneous Translation Systems
- Teleconferencing and Video Conferencing
- Combined Room Controls
- Control Rooms
- Digital Signage



## SCARBOROUGH CHINESE BAPTIST CHURCH

Location: Scarborough, Ontario

Project Owner: Scarborough Chinese Baptist Church

Date Completed: 2008

AV Multimedia Cost: \$60,000

Architect: Teeple Architects

AV Multimedia Consultants: Novita

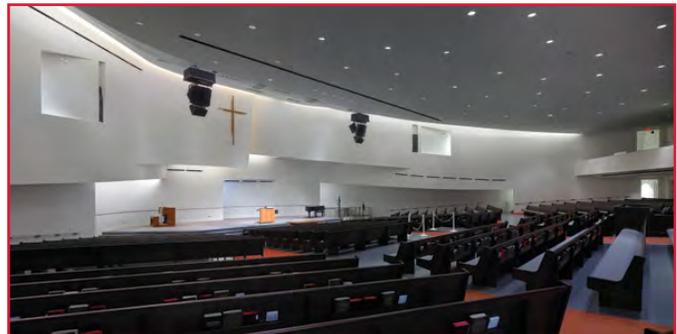
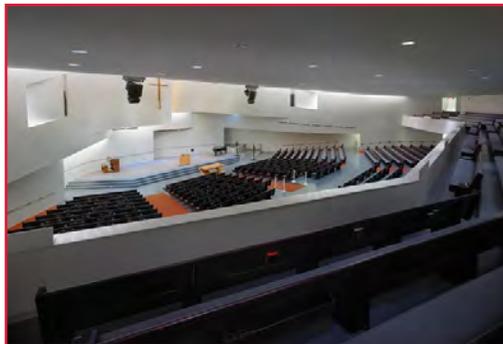


Image credit: Teeple Architects



This Church won Teeple Architects a Governor General's Award for Architecture and an Ontario Association of Architects Award for Excellence. The guiding principles for the AV technology were that it should be flexible, fully networked, easy to use, and future-compatible.

The asymmetrical architecture and high ceilings posed interesting challenges for the audio and video design. Novita calculated ideal image sizes for the video projections and carefully coordinated placement of the images so that they would not be distorted.

The placement of choir microphones also posed a challenge: if they were hung from the 30' ceiling, the wires would have cast shadows on the projections. This was solved by placing the microphones on boom arms.

The audio systems need to accommodate both the spoken word and music, requirements of which can often conflict: the spoken word requires clarity (little reverberation), while music requires richness (reverberation). Equipment and speaker selection and placement were important considerations to overcome these challenges.

The Church provided a robust IT backbone for the building. Novita provided a highly networked solution allowing events in the Sanctuary to be captured and streamed to any computer on the network. This allows the Chapel to be used as an overflow space for large events.

The digital AV network allows for multiple mix locations. Novita ensured the main mix location is backed up with an analog snake for signal distribution.

## SCARBOROUGH CITADEL

Location: Toronto, Ontario

Project Owner: Salvation Army

Date Completed: 1993

Cost: \$3 million

Architect: Garwood-Jones Van  
Nostrand and Hanson

AV Consultants: Novita



This 600 seat church was constructed as part of a complex which also includes a multi-storey residence and related facilities. The church was designed to complement the Salvation Army's tradition of both vocal and instrumental liturgical music, a blend of traditional hymns and contemporary songs, accompanied by piano, brass band and rhythm ensemble.

A theatre-style audio system was provided to support both voice and electronic music sources. A theatre-style lighting system was provided to support both the liturgy and other presentations.

## PROVIDENCE CENTRE

Location: Toronto, Ontario

Project Owner: The Sisters of St. Joseph

Date Completed: 1997

AV Consultants: Novita



Image credit: Novita



Providence Centre is a large long-term care and chronic-care hospital. The complex contains a chapel which seats 600. The client came to Novita for assistance in resolving their problems with the chapel's sound system.

The chapel is a very high and long room with hard surfaces. Consequently, the reverberation time was about three seconds. Speech intelligibility was extremely poor. A previous solution had introduced a series of distributed loudspeakers along the sides of the room. This solution actually made the problem worse.

Working with acoustician John Swallow, Novita developed a combined sound system and acoustical treatment solution which addressed and corrected the unique problems of this room.

## CLIENT LIST

### Conference and Convention Facilities

Casino Rama, Rama  
St. Clair Centre for the Arts, Windsor  
Design Exchange, Toronto  
Hummingbird (now Sony) Centre, Toronto  
London Convention Centre, London Ontario  
Metro Toronto Convention Centre  
Niagara Convention and Civic Centre, Niagara Falls  
Niagara Fallsview Casino, Niagara Falls  
TCU Place (Centennial Auditorium & Convention Centre), Saskatoon, Saskatchewan  
Tianjin Customs House, Tianjin, China  
UJA Federation, Toronto  
Vaughan Jewish Community Campus, Thornhill  
Westin Harbour Castle, Toronto

### Council Chambers and Court Rooms

Assessment Review Board, Toronto  
City of Brampton  
City of Elliot Lake  
City of Mississauga  
City of North Bay  
City of Sarnia  
City of Sudbury  
City of Temiskaming Shores  
City of Welland  
County of Frontenac, Kingston  
District of Muskoka, Bracebridge  
Region of Niagara, St. Catharines  
Regional Municipality of Peel  
Regional Municipality of Waterloo, Kitchener  
Territory of Nunavut, Iqaluit  
Town of Fort Erie  
Town of Huntsville  
Town of Innisfil  
Town of Milton  
Town of Oakville  
Town of Richmond Hill  
Town of Springwater

### Corporate Board Rooms and Meeting Rooms

Alliance Communications, Toronto  
Angus Glen Golf Course, Markham  
Bilfinger Berger BOT, Toronto  
Bluewater District School Board, Chesley  
Borden Ladner Gervais, Toronto  
CIBC Mellon, Toronto  
City of Toronto  
City of Barrie  
Deloitte LLP, Toronto  
Gluskin Scheff & Associates, Toronto  
Imperial Oil Limited, Toronto  
Intelligent Creatures, Toronto  
John Howard Society, Toronto  
Magna International, Aurora  
McCarthy Tetrault, Toronto  
Metro Toronto Reference Library  
Ministry of Economic Development and Trade, Toronto  
MMM Group, Markham  
National Research Council, Integrated Technologies Manufacturing Institute, London  
Noranda Minerals, Toronto  
Ontario Arts Council, Toronto  
Ontario Teachers Pension Plan, Toronto  
Osler Hoskin & Harcourt, Toronto  
Owl Communications, Toronto  
Research In Motion, Waterloo  
SAS Institute, Toronto  
SITEL Corporation, Toronto  
TESMA International, Concord  
Torys Law Office, Toronto  
TransGlobe Management Services, Toronto  
Wabi Development Corporation, Tamiskaming  
Woodbridge Corporation, Toronto

### Emergency Command Centres

Emergency Management Ontario, Toronto  
Ontario Provincial Police, Orillia  
Peel Region Paramedic Reporting Station, Mississauga

## CLIENT LIST

### Lecture Theatres, Smart Classrooms, and Multipurpose Rooms

Appleby College, Oakville  
Bishop Strachan School, Toronto  
Centre for Animation and Emerging Technologies,  
Sheridan College, Oakville  
Concordia University, Montreal, Quebec  
Horton District High School, Halifax, Nova Scotia  
Humber College, Toronto  
Lambton/Kent Board of Education, Sarnia and  
Chatham  
Nipissing University, North Bay  
Ontario College of Art and Design, Toronto  
Perimeter Institute, Waterloo  
Ryerson University, Toronto  
Seneca College, Toronto  
St. Mildred's Lightbourn School, Oakville  
Trent University, Peterborough  
University of Toronto  
University of Toronto – Mississauga  
University of Waterloo  
University of Windsor

### Galleries, Interpretive Centres and Museums

Arts and Entertainment Centre, Milton  
Butterfly Conservatory, Niagara Falls  
Evergreen Brick Works, Toronto  
Gallery Lambton, Sarnia  
Humber College Eco Centre, Toronto  
Marine Heritage Centre, Brighton  
Old Fort William, Thunder Bay  
Science North, Sudbury

### Health Care Facilities

Bloorview McMillan Children's Centre, Toronto  
Health Canada, Toronto  
McMaster Health Sciences, McMaster University,  
Hamilton  
Niagara Health Systems New Hospital, St. Catharines  
One Kid's Place, North Bay  
The Michener Institute, Toronto

### Places of Worship

Carruthers Creek Community Church, Ajax  
Clarendon Hills Christian Church, Chicago, Illinois  
Compass Point Bible Churches, Burlington  
Eglinton / St. George United Church, Toronto  
Grace Anglican Church, Milton  
Grace Church, Milton  
Indonesian Christian Church, Toronto  
Kingsway-Lambton Church, Toronto  
Knox Presbyterian Church, Waterloo  
Assembly Hall of Jehovah's Witnesses, Norval  
Old St. John's Church, Niagara Falls  
Providence Centre Chapel, Scarborough  
Richmond Hill Chinese Community Church  
Salvation Army Citadel, Scarborough  
Scarborough Chinese Baptist Church  
St. Justin Martyr Parish, Unionville  
St. Padre Pio Church, Woodbridge  
St. Thomas the Apostle, Waterdown  
Trinity Anglican Church, Mississauga  
West Park Baptist Church, London

### Government/Agencies

Canadian Embassy, Berlin  
Canadian Embassy, Sao Paulo, Brazil  
Canadian Forces Base, Borden  
Ontario Lottery and Gaming Corporation, various  
locations  
Peace Bridge Authority, Fort Erie, Ontario and Buffalo,  
New York

### Film and Cinema

Importanne Theatre, Zagreb, Croatia  
International Design Group/Famous Players (Theatres  
across Canada )  
Music and Film in Motion, Sudbury

### Retail

Sherway Gardens, Etobicoke

### Private Homes

AV Multimedia systems for private homes of Canadian  
and international corporate leaders.