



AV MULTIMEDIA DESIGNERS

SINCE 1982

Health Care Facilities

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



HUMBER RIVER REGIONAL HOSPITAL

Location: Toronto, Ontario

Project Owner: Province of Ontario

Completion Date: 2015

Project Cost: \$1.75 billion

Architect: HDR Architects

AV Consultants: Novita



Image credit: HDR Architects

Scheduled to open in late 2015, Humber River Regional Hospital will be the first fully digital hospital in North America. It will serve more than 850,000 residents in the northwest Greater Toronto Area, and at approximately 1.7 million sq ft, it will be the largest acute-care hospital in the area.

Patients and visitors will be able to easily access information throughout the hospital via kiosks or mobile devices. In patient rooms, Integrated Bedside Terminals (IBTs) will allow patients to control their environment, order meals, and communicate with caregivers and family members via video.

Novita is responsible for the design of all audio visual systems in the hospital, comprising a major part of the facility's digital environment. Our work will have a direct impact on people's individual experiences.

One of our tasks is to ensure that individual communication devices (eg. smartphones, PDAs) are seamlessly integrated with monitor screens. Monitors, connected to the hospital's information systems, will be located throughout the hospital – in patient rooms, hallways, nurse stations, public and staff lounges, and meeting rooms. Monitors will be configured to receive user input, varying according to the specific needs in a space. For example, in patient rooms the monitors will accept input from the IBT and staff PDAs.

There are also many meeting rooms and learning spaces. We are designing easy-to-use systems for presentations, videoconferencing, and distance learning.

NIAGARA HEALTH SYSTEMS – NEW HOSPITAL

Location: St. Catharines, Ontario
Project Owner: Niagara Health Systems
Date Complete: Late 2012
Project Cost: \$750 million
Architect: B+H Architects
AV Consultants: Novita

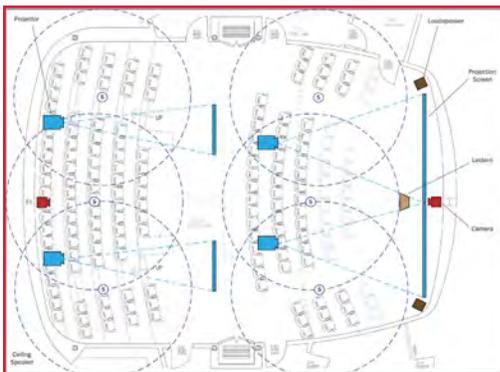


Image credits: PCL Constructors, B+H, Novita

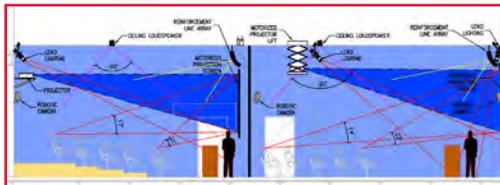


The first new hospital in Ontario to be constructed as a Design, Build, Finance and Maintain (DBFM) project, this acute-care community hospital will see 2 million patients a year and will accommodate certain programs that have never been available in the Niagara region.

Novita designed AV and presentation systems for various spaces: public areas, a worship centre, training rooms, clinical and education rooms, boardrooms, and emergency operations centres. Two-way videoconferencing through the Ontario Telemedicine Network (OTN) facilitates distance education, meetings, and provides greater access to specialist care for patients.



Strategies were developed to simplify the AV systems in this 1 million sq ft facility. For more efficient installation, AV room types were standardized. This approach also makes operation easier, as the control interface is the same for any similar room. All systems are controllable through the hospital's network to streamline management, scheduling and support. The infrastructure has been designed in such a way as to enable future expansion of the AV systems.



In collaboration with the IT Department, Novita specified the requirements for integrated bedside terminals (IBT) according to Niagara Health System's needs. IBTs are multipurpose consoles for use by both healthcare professionals and patients, to access medical records, for patient entertainment, and for communication (telephone, internet).

THE MICHENER INSTITUTE

Location: Toronto, Ontario

Project Owner: The Michener Institute

Date Completed: 2010

AV Systems Cost: \$1.3 million

Architect: Diamond and Schmitt Architects

AV Consultants: Novita



The Michener Institute provides current and innovative health care education, addressing unmet educational requirements outside of programming offered by other post-secondary institutions in and outside of Ontario. The 1972 building underwent a major renovation to include the latest in health care education technology.

Novita designed AV Systems for 24 Objective Structured Clinical Examination evaluation rooms, 6 simulation studios, 2 lecture rooms, 6 meeting rooms and 12 support rooms. Systems include medical mannequins, multi-room assigning through touch screen interactive displays, and centralized digital AV archival recording of OSCE sessions. Students' sessions with actors simulating patients can be viewed in another room, and recorded for later review. Meeting rooms are divisible for maximum flexibility of use.

This project is certified LEED Gold.

CLIENT LIST

Conference and Convention Facilities

Casino Rama, Rama
Direct Energy Centre, Toronto
St. Clair Centre for the Arts, Windsor
Design Exchange, Toronto
Direct Energy Centre, Toronto
Evergreen Brick Works, Toronto
London Convention Centre, London Ontario
Metro Toronto Convention Centre
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
Region of Peel, Brampton
SAS Institute, Toronto
SITEL Corporation, Toronto
TESMA International, Concord
Torys Law Office, Toronto
TransGlobe Management Services, Toronto
Trinity Development Group, Toronto
Wabi Development Corporation, Tamiskaming
Woodbridge Corporation, Toronto

Emergency Command Centres

Bruce Power, Kincardine
Emergency Management Ontario, Toronto
Ministry of Natural Resources Fire Management Centre, Sudbury
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
Law Society of Upper Canada, Toronto
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
Bridgepoint Health Centre, Toronto
Health Canada, Toronto
Humber River Regional Hospital, Toronto
McMaster Health Sciences, McMaster University,
Hamilton
Niagara Health Systems New Hospital, St. Catharines
Ontario Institute for Cancer Research, Toronto
One Kid's Place, North Bay
The Michener Institute, Toronto

Places of Worship

Apostolic Pentecostal Church, Pickering
Carruthers Creek Community Church, Ajax
Clarendon Hills Christian Church, Chicago, Illinois
Cornerstone Centre, Markham
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

Sports and Recreation

Nipissing University, North Bay
Pan Am Centre, Markham

Private Homes

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