

Intelligent Building Summit 2006

Earlybirds...

Save \$100

if you Register by February 21st
(See page 6 for details)

Integrating Technology to Enhance Efficiency, Save Money, Attract Tenants and Increase the Value of your New or Existing Building

Exclusive International Case Studies from:

DALLAS/FORT WORTH INTERNATIONAL AIRPORT



Rusty Hodapp, Vice President, Energy and Transportation

WEST EDMONTON MALL



Joseph Schulhaus, Vice-President, Information Technology

ASIAN INSTITUTE OF INTELLIGENT BUILDINGS



Prof. Andrew Leung, President (Hong Kong)

+ plus

- ✓ DEPARTMENT OF HOMELAND SECURITY
- ✓ STRATUS VINEYARDS
- ✓ VARENNES CENTRE – NATIONAL RESOURCES CANADA
- ✓ METRO TORONTO CONVENTION CENTRE

Intelligent Buildings are the Future! Learn how you can:

- ✓ GAIN faster Payback Periods
- ✓ INCREASE Employee Productivity
- ✓ REDUCE O&M costs
- ✓ LOWER Vacancy Rates
- ✓ DECREASE Financial Risk and Increase your ROI
- ✓ SAVE in Maintenance Costs over the Lifetime of your Building

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E-Mail: registrations@strategyinstitute.com

Intelligent Building Summit 2006

Integrating Technology to Enhance Efficiency, Save Money, Attract Tenants and Increase the Value of your New or Existing Building

This is a Must-Attend Event for all Stakeholders in the Building Industry!

It is your opportunity to learn the strategies and solutions needed to capitalize on the intelligent building technologies and designs revolutionizing the building industry.

Over the past few decades, intelligent buildings have been touted as the future of the building industry. That future has arrived! New technologies and advances in building design and construction mean you now have the opportunity to build more efficient, cost-effective, and value-enhanced buildings.

Intelligent buildings are the future of the Building Industry! By building intelligently, you will:

- ✓ Increase rents
- ✓ Improve productivity
- ✓ Reduce energy costs
- ✓ Attract investments
- ✓ Extend building life cycle

Who should Attend:

- Facilities Managers • Builders • Developers
- Building Owners and Operators • Designers
 - Government Agencies • Engineers
 - Technology Developers • Architects
 - Corporate Executives • Planners

Your tenants, employees, and building occupants will soon demand better buildings. Will your company be positioned to satisfy this new demand?

Through cases of actual projects and key information from industry experts, you will leave this conference with the knowledge you need to take advantage of this growing trend in buildings and ensure your competitiveness in the market. You will acquire the strategies you need to improve your development plan and incorporate the latest intelligent features into your next building. Plus, learn techniques to make your existing buildings better by retrofitting them with improved elements.

Market demand for high performance building is growing because they offer:

- ➔ Faster payback periods
- ➔ Increased productivity
- ➔ Reduced O&M costs
- ➔ Lower vacancy rates
- ➔ Decreased financial risk and a higher financial return
- ➔ Savings in maintenance costs over the lifetime of your building

Gain new ideas and Improve your Building's Intelligence through Interaction with peers and experts

If you are involved in architecture, development, engineering, design or building operations, you can't afford to miss this unique forum. Take advantage of this exciting opportunity to network and explore new ideas and materials approaches with design, building, and materials experts.

Register your Entire Team and send Four for the price of Three

Ensure all aspects of your organization understand the importance of this new approach to building by sending your team to this conference. Take this opportunity to develop a shared vision. Send your entire team and increase the potential success of your next project!

Register Today at 1-866-298-9343 – Space is Limited and Sure to Sell Out

Don't miss your chance to participate in these critical discussions and to network with the leaders in this rapidly expanding field. Register for our limited spaces by calling **1-866-298-9343** or emailing registrations@strategyinstitute.com today.

ENSURE YOUR LEADERSHIP WITH A CUSTOMIZED SPONSORSHIP/SPEAKING PACKAGE

By sponsoring this event, you can display your company as an industry LEADER. Ensure your presence is known— be visible at this premier event! Select sponsorship packages are still available – To learn more, contact **George Pollard** at **1-866-298-9343** extension **272**.

DAY ONE: Tuesday, April 25th, 2006

8:00 AM **REGISTRATION & SPONSOR EXHIBITS OPEN – CONTINENTAL BREAKFAST**

8:30 AM **OPENING ADDRESS FROM THE CHAIRPERSON**

Special Presentation

8:45 AM **BENCHMARKING INTELLIGENT BUILDINGS USING THE INTELLIGENT BUILDING INDEX: GLOBAL PRACTICES THAT WILL CHANGE THE WAY YOU VIEW THE BUILDING INDUSTRY**

Concepts and ideas that seem light years away in North America are being integrated now into buildings in Asia. This is the future of next-generation buildings.

- Learn best practices from the authorities on intelligent buildings
- Hear the latest trends sweeping the Asian buildings market
- Benchmark your project against the world leaders in innovative building

Come away with the knowledge you need to take your building into the next century!

Prof. Andrew Leung

President, ASIAN INSTITUTE OF INTELLIGENT BUILDINGS (Hong Kong)



Case Study: Dallas/Fort Worth International Airport

9:30 AM **WHAT'S NEW IN ENERGY MANAGEMENT: IMPROVING COST PERFORMANCE AND REDUCING WASTE THROUGH UPDATED TECHNOLOGIES**

Automated control systems can help you manage energy more efficiently and bring your costs down.

- Learn new ways to integrate energy controls and how they can improve your bottom line
- New strategies in managing lighting, electronics, and water systems to increase your building's efficiency

Identify strategies to reduce your energy costs and begin saving money through innovative methods.

Rusty Hodapp,

Vice-President, Energy and Transportation Management
DALLAS-FORT WORTH INTERNATIONAL AIRPORT



10:15 AM **SPONSOR EXHIBIT AREA – NETWORKING BREAK**

Case Study: Department of Homeland Security

10:45 AM **SAFETY AND SECURITY: STRATEGIES TO PROVIDE A FLEXIBLE AND COST-EFFECTIVE APPROACH TO ENSURE YOUR BUILDING IS SECURE AND PROTECT YOURSELF FROM LIABILITY**

Learn how fully integrated functionality and new technologies will enhance your building's security.

- Monitor access and movement within the building
- Determine the best method of access control for your building
- Assess the cost of implementation

Take away a strategy to ensure the safety of your building and its inhabitants.

Tom Woods, Deputy Director, Security and Law Enforcement,
FEDERAL PROTECTIVE SERVICE,
DEPARTMENT OF HOMELAND SECURITY



Pre-Luncheon Keynote Address

11:30 AM **INTEGRATED BUILDING AUTOMATION SYSTEMS: YOUR GREEN BUILDING BUSINESS SYSTEM**

Building Automation Systems have the potential to be as important to green buildings as integrated business systems are to business processes.

- How do we get from buildings integration to green buildings?
- What are intelligent, integrated buildings, how do they work, what makes them so valuable within a green building design?

- Typical integration scenarios of green buildings, examples and case studies will also be discussed

Explore how Green Buildings are the next logical step in building technology integration.

Claude Boudriau, P. Eng., LEED AP,
Business Development Consultant,
HONEYWELL BUILDING SOLUTIONS



12:15 PM **SPONSOR EXHIBITION – NETWORKING LUNCHEON**
Join the conference speakers and your peers for a relaxing luncheon.

Industry Expert

1:30 PM **ENSURING CONTINUITY IN THE DESIGN BUILD PROCESS TO SUCCESSFULLY INTEGRATE INTELLIGENT TECHNOLOGY**

Once an intelligent building is designed, the first challenge is to make sure the team remains committed to keeping it intelligent throughout the construction phase.

- Better managing your design build process and defining value engineering for your project
- Develop a project management scheme that works for you
- Overcome the challenges of budgeting and scheduling

Learn how to ensure that your project stays on track so you can build effectively and create a truly intelligent building.

Gunars Robeznieks,
Senior Vice President,
GIFFELS DESIGN-BUILD INC.



Case Study: Stratus Vineyards

2:15 PM **ENVIRONMENTALLY SUSTAINABLE BUILDING: INTEGRATING DESIGN AND CONSTRUCTION INTO THE LANDSCAPE**

Sustainable development is a process of developing that "meets the needs of the present without compromising the ability of future generations to meet their own needs."

- Promote integrated, whole-building design practices
- Raise consumer awareness of green building benefits

Discover innovations in building processes that protect the environment while still delivering state-of-the-art structures.

Charles Baker,
Director of Marketing and Sales, STRATUS VINEYARDS

3:00 PM **SPONSOR EXHIBIT AREA – NETWORKING BREAK**
Enjoy a light snack as we head into the final two sessions for the day.

Industry Expert

3:30 PM **NEW APPROACHES TO IMPROVING EMPLOYEE PRODUCTIVITY BY MAKING INTELLIGENT BUILDINGS MORE COMFORTABLE AND USER FRIENDLY**

Part of a facility's function is to provide a supportive environment for the work that needs to be done.

- Examine how the physical environment affects individual employee productivity
- Determine the best methods of involving occupants in workplace design and personal control decisions
- Communicate building functions, and flexible work space alternatives to occupants

Understand how to design flexible systems that can adapt to changing needs and ensure that your system is used to its fullest potential.

Sholem Prasow, LEED Accredited Professional,
Vice-President, Business Development and
Strategic Planning, TEKNION FURNITURE SYSTEMS



Agenda Continues (see next page) 

DAY ONE (continued): Tuesday, April 25th, 2006

Industry Expert

4:15 PM IMPROVING BUILDING OPERATION PERFORMANCE THROUGH THE INTEGRATION OF AN INTEROPERABLE AUTOMATED INFRASTRUCTURE SYSTEM

- Maximize your revenue potential by offering your tenants a comprehensive network infrastructure
- Increase your appeal by providing a reliable network for your tenants
- Integrate new technologies to generate additional income from your building

Come away with strategies to simplify your network infrastructure maintenance by making your systems interoperable.

Tracey De Leeuw,
CEO and Strategist,
SMARTSPEED



5:00 PM CONFERENCE ADJOURNS TO DAY TWO

DAY TWO: Wednesday, April 26th, 2006

8:15 AM REGISTRATION & SPONSOR EXHIBITS OPEN – CONTINENTAL BREAKFAST

Keynote Address

9:00 AM BUILDING FOR THE 21ST CENTURY: INTEGRATING TECHNOLOGY AS THE DRIVER OF CHANGE TO IMPROVE FUNCTIONALITY AND MANAGE COSTS

Intelligent buildings apply technologies to improve the building environment and functionality for occupants or tenants.

- Optimize building use with new and innovative techniques
- Determine what features improve the commercial viability of a building

Come away with a greater understanding of how emerging technologies will improve your building functionality and reduce your costs.

Ron Zimmer,

President & CEO, CONTINENTAL AUTOMATED BUILDINGS ASSOCIATION (CABA)



Case Study: Natural Resources Canada

9:45 AM MONITORING BUILDING PERFORMANCE WITH AUTOMATED DATA SYSTEMS TO ENSURE YOUR TECHNOLOGY IS OPERATING TO ITS FULLEST POTENTIAL

Distributed monitoring and control systems enable engineers to take advantage of the processing power of all available resources to make efficient use of the entire system.

- Incorporate analysis into building monitoring and control systems
- Extract data and use it to form actionable plans
- Increase the efficiency of your intelligent systems

Learn how to better utilize operational data to benefit your enterprise.

Daniel Choiniere, Technology Expert,
CANMET ENERGY TECHNOLOGY CENTRE,
Varenes, NRCAN



10:30 AM SPONSOR EXHIBIT AREA – NETWORKING BREAK

Industry Expert

11:00 AM DEVELOP AN ELEVATOR MANAGEMENT SYSTEM TO OPTIMIZE PERFORMANCE, INCORPORATE SECURITY MEASURES, AND SIMPLIFY MAINTENANCE

Modern elevators are the crucial element that makes it practical to live and work dozens of stories above ground.

- Monitor equipment status, performance, and traffic patterns
- Integrate your elevator system with security and restrict floor accessibility
- Improve operating conditions in times of emergency

Keith Jenkins,
Consulting Engineer,
KJA CONSULTANTS, INC.



Case Study: Metro Toronto Convention Centre

11:45 AM USING DIGITAL SIGNAGE IN BUILDINGS TO INFORM, ADVISE, EDUCATE, AND CREATE NEW REVENUE POSSIBILITIES

Digital signage receives 10 times the eye contact of static signage and is creating cost-effective opportunities for safety, way-finding, education, and communication, as well as providing new revenue models.

- Make money by selling advertising time
- Enhance your way-finding ability and educate building occupants
- Achieve more effective public communication

Develop a broader understanding of how to use digital signage as a new revenue stream.

Bill McDonald,
Director of Technology,
METRO TORONTO CONVENTION CENTRE



12:15 PM NETWORKING LUNCHEON

Case Study: West Edmonton Mall

1:45 PM USING WIRELESS TECHNOLOGY TO IMPROVE OPERATIONAL EFFICIENCY THROUGH INCREASED MOBILITY

Hear how pervasive 802.11 wireless coverage has enabled one of the world's largest shopping malls to extend new services where traditional wired solutions couldn't go.

- Deploy cost effective and secure wireless solutions
- Replace existing wiring in older buildings
- Embed wireless technology in new construction
- Deploy innovative mobility services over wireless

Hear how wireless technologies can enhance building operations.

Joseph Schuldhaus,
Vice-President, Information Technology,
WEST EDMONTON MALL



Industry Expert

2:30 PM REALIZING THE VALUE OF AN INTEGRATED TELECOMMUNICATIONS SYSTEMS TO ATTRACT TENANTS AND REDUCE RECONFIGURATION TIME

- Design the optimal telecommunications network for your building
- Maintain reliable access and reconfiguring for tenant turnover
- Integrate building communications while maintaining user privacy

Take away a better understanding of how an integrated telecommunications system can save you time and money and enhance your value to tenants.

Oscar Thomas, CCRE Marketing Manager, CISCO SYSTEMS INC.
Dr. Rick Huijbregts, CCRE Marketing Manager, CISCO SYSTEMS INC.

Agenda Continues (see next page) 

DAY TWO (continued): Wednesday, April 26th, 2006

3:15 PM **SPONSOR EXHIBIT – NETWORKING BREAK**

Industry Expert

3:45 PM **INNOVATIVE APPROACHES TO LIGHTING DESIGN THAT WILL IMPROVE YOUR PROFITABILITY AND REDUCE YOUR ENERGY COSTS**

Lighting accounts for 35–45% of an office building's energy use! New advances in lamps, luminaires, controls, and lighting design can offer high-efficiency alternatives for nearly every building.

- Learn strategies to improve your facility's profitability and cut your energy costs while enhancing the reliability of lighting systems
- Successfully integrate new advances in lighting technology to enhance light levels, improve comfort and safety, and reduce routine maintenance costs

Take away a better understanding of new methods to improve your lighting efficiency and reduce your energy costs.

Gerry Cornwell, LC
GERRY CORNWELL LIGHTING/
ARCHITECTURAL LIGHTING DESIGN



4:30 PM **BUILDING ASSESSMENT TOOLS: UPDATING THE TECHNOLOGY ROADMAP TO DETERMINE THE VALUE OF INTELLIGENT BUILDING**

Don't miss this closing session on the development of a new ranking system for intelligent buildings.

- Learn what you need to know to evaluate the newest building technologies and quantify your investments
- Receive a CABA Technology Roadmap and Best Practices Guide for your reference

Ensure that you are on top of the intelligent buildings game and get the most out of your building automation dollars.

David Katz,
SUSTAINABLE RESOURCES MANAGEMENT INC.
Building Intelligence Quotient Consortium



5:15 PM **CONFERENCE ADJOURNS**

POST-CONFERENCE WORKSHOP

Thursday, April 27th, 2006

9:00 AM to 12:00 PM

AUTOMATION AS A KEY TO A SAFER AND MORE SECURE BUILDING. APPROACHES TO INTEGRATION OF SECURITY, SAFETY AND COMMUNICATIONS IN BUILDINGS – CONSIDERATIONS OF REALITY, PRACTICALITY AND CODE

Building operators and contractors are on the front line of defence against threats, both internal and external. Building protection is a real issue, and preparing for potential risks will force building owners to re-evaluate their systems.

New technologies can dramatically improve your security systems by integrating life safety systems, fire protection, and emergency response capabilities, and provide defensive approaches to building design and planning.

This half-day workshop is designed to provide you with the strategies you need to integrate the most effective security and emergency response system available. This interactive workshop will introduce you to the latest thinking and tools to meet the significantly heightened expectations of tenants, employees, other building occupants, and key stakeholders.

Develop better strategies to:

- Understand mechanical systems operation and building security and life safety systems methodologies
- Determine a building's protective capability and identify potential weak spots and problem areas
- Develop internal and external strategies to communicate with employees, tenants, and first responders in times of emergency
- Enhance protection with architectural and mechanical design features and automated systems
- Establish the best method of access control and monitoring for your building
- Investigate the impact of new and changing building codes and learn how they will affect your plans
- Perform a threat and risk analysis
- Assess your business continuity options

At the end of the workshop, you will come away with a better understanding of how technology can enhance your safety and security plans. You will gain strategies to integrate the latest technologies available while improving your automated security systems and to keep your business running during worst-case scenarios.

About your Workshop Leader:

Dr. Frank Spitzer, Consulting Electrical Engineer, IBI GROUP



Frank Spitzer is a Professional Consulting Electrical Engineer with over 30 years experience who has specialized in Building Systems Integration. He has been involved in many projects merging the concepts of communications with building operation, security and safety into a single solution. Dr. Spitzer holds a Ph.D. in high voltage engineering. He was the primary researcher who participated in the development of the Technology Roadmap for Intelligent Buildings Technologies for Industry Canada and CABA. This project has brought together his and many other participants' skills in order to chart the future for the "intelligent building".

Ringling Endorsements from our past Building Conferences:

“Very impressive and very pertinent to the projects in my organization. The information I can take away is fantastic and the networking and sharing of experiences was wonderful!”

“Good hands-on deployment!” “Great information! Great functionality! Interesting journey!”

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Strategy Institute
401 Richmond St. West, Suite 401
Toronto, Ontario, M5V 3A8



How to Register

Telephone: 1-866-298-9343/416-944-8833
Fax: 1-866-298-9344/416-944-0403
Mail: The Strategy Institute
401 Richmond St. West, Suite 401
Toronto, Ontario, M5V 3A8
E-mail: registrations@strategyinstitute.com

Intelligent Building Summit 2006

CONFERENCE REGISTRATION FORM

INTELLIGENT BUILDING SUMMIT 2006

TUESDAY, APRIL 25TH AND WEDNESDAY, APRIL 26TH, 2006

Delegate name (print name in full) _____ Title _____

Delegate name (print name in full) _____ Title _____

Delegate name (print name in full) _____ Title _____

Delegate name (print name in full) _____ Title _____

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Payment: Please make cheque(s) payable to Strategy Institute Inc. and write the registrant's name on the face of the cheque. REGISTRATION CAN BE FAXED TO (866)298-9343/(416) 944-0403 GST#R138790662

CANCELLATIONS: Cancellations must be received in writing by Tuesday, April 11th, 2006. You will be eligible for a prompt refund less a \$295.00 administrative fee. If you register for the program and do not attend, you are liable for the full registration fee unless you cancel according to the terms stated above. If you are unable to attend, delegate substitution is permitted up to, and including, the day of the conference.

CODE: TEC-106010 MULTIPLE ORDERS PLEASE PHOTOCOPY

Conference Pricing	Early Bird Rate* <i>If you register by February 21st</i>	Regular Rate
Building and Property Executive Rate**	<input type="checkbox"/> \$895	<input type="checkbox"/> \$995
Regular Rate	<input type="checkbox"/> \$1695	<input type="checkbox"/> \$1795
Workshop (optional)		<input type="checkbox"/> \$395

****BUILDING AND PROPERTY EXECUTIVE RATE:** Those groups eligible for special pricing include property managers, property developers, property owners, architects, facility managers, property managers, general managers, maintenance managers, interior designers, municipal, provincial and federal elected officials and civil servants, non-government organizations (NGOs) and employees of industry associations.

Those groups who DO NOT qualify for the special rate, but who may register at the regular rate include, any business, industry, vendor or advisor of technology and/or building products including but not limited to, energy efficient products, equipment, construction material, control manufacturers as well as energy companies, waste management and recycling services. Those groups also not eligible include financial institutions, real estate investors, law firms, insurance companies and consultants. The Strategy Institute reviews all registrations and reserves the right to determine special pricing privileges.

REGISTRATION FEE: The registration fee for INTELLIGENT BUILDING SUMMIT 2006 is \$1795 plus 7% GST. This investment includes luncheon, receptions, refreshments, networking breaks, continental breakfast and original course materials. Payment is required in advance and can be made by company cheque, **VISA, MasterCard or American Express**. Please make cheques payable to the Strategy Institute Inc. and write the registrant's name on the face of the cheque. ****A team discount is available for this conference when members register at the same time – send three delegates and the fourth attends for free. The team discount and any other offer made available cannot be made in combination.**

CONFERENCE VENUE & ACCOMODATION: The conference will be held at the **Metro Toronto Convention Centre (MTCC)**, conveniently located at 255 Front Street West. Accomodation has been arranged at the InterContinental Toronto Centre, located just east of our venue at 225 Front Street West. Strategy Institute is offering an exclusive room rate of \$224 per night for April 24, 25 and 26. Call by March 24, 2006 and mention Strategy Institute to receive the group room rate. Call 416-597-1400 or visit www.torontocentre.intercontinental.com for details.