

# ASIA-PACIFIC ConnectivityWeek™

## 14-16 November, 2006 Suntec Singapore

The first Asia-Pacific ConnectivityWeek is the home of BuilConn, M2M Expo, Wi-tivity, ibX Forum and LonMark Connection. The event will make the connections between each other's perspectives to enrich businesses in new ways. The event is structured to provide many networking opportunities allowing all participants to meet individuals from other disciplines, maybe a new customer, supplier or a new partner.

Convergence is the key word, for in each area of focus there is significant convergence with IT in technologies as well as industry growth, business development and best practices. The pervasive Internet is evolving before our very eyes, don't miss being part of it at the Asia-Pacific ConnectivityWeek.

**BuilConn**™ The entrance of IT into the building systems arena is as significant as it is a major disruptive force to this very mature industry of many decades. Those with open eyes to a future of Building-IT convergence are lapping up the significant opportunities to better their buildings, and the suppliers to this industry are finally able to deliver the long promised vision of Intelligent Buildings.

**M2M**™ The increased traction of M2M is evident by the awareness of the term itself and the adoption of M2M in many industries and segments. While many who truly understand the potential are today implementing M2M philosophies to their products and services, we are only starting to realize the true potential of M2M as a grand integration methodology to seamlessly link industries together through the connected products and services now available.

**Wi-tivity**™ With the increase use of wireless as a media for controls and monitoring of smart devices, and the increase number of issues in successfully adopting wireless for the Pervasive Internet, Wi-tivity provides an ideal focused event to explore the issues, technologies, adoption of wireless mesh such as ZigBee and longer range technologies such as GPRS and WiMAX.

### Major Commercial Sponsors



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While much of the technology is now available for implementing Intelligent Buildings (IB), many find the IB proposition hard to grasp, hard to evaluate in financial terms and thus hard to justify. The ibX Forum is focused on providing tangible answers on the value proposition and ROI of IB as well as tangible proof from numerous case studies created to focus on the value of IB.



**LONMARK**®  
Connection

For almost a decade now, LonWorks® has been the dominant device connectivity technology, supported by the LonMark® in-

teroperability framework. With the broad adoption of IP, more and more are using LonWorks in conjunction with IP in buildings and other applications. The LonMark Connection conference is focused on exploring the leverage on connecting LonWorks and IP for a true open converged system.



UNIQUELY  
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[www.ConnectivityWeek.com](http://www.ConnectivityWeek.com)

# BuilConn®

BuilConn is a unique event in that it unites all the individuals involved in building and facility management to take an objective and comprehensive view of the buildings industry, understand the technologies and trends that shape it, and discover the steps required to implement truly intelligent, integrated buildings. A multi-day experience, attendees become an active participant in the future of the buildings industry at BuilConn.

## Building-IT Convergence

The stage has been set: the technology is available and products and solutions are ready to leverage the power of Building-IT Convergence. It is imperative that the building owner recognize this transformation as well as embrace it. Convergence enables such benefits never dreamed of in the realm of building management such as the vast amount of data now accessible through the smart devices that utilize enabling technologies including XML and Web services. In addition, it is now possible to transform buildings—once an inaccessible liability to the corporation's bottom line—into an asset that will not only reduce the cost of utilities and other common building functions, but one that will evaluate performance and pinpoint inefficiencies so the corporation itself is more resourceful and profitable.



Information Technology is fundamentally changing the way in which we design, operate and use buildings.

We live in an unpredictable world in which natural resources such as water and land are becoming increasingly scarce. Energy prices are rising rapidly, and requirements to cut carbon emissions are forcing us to review the ways we produce and use energy.

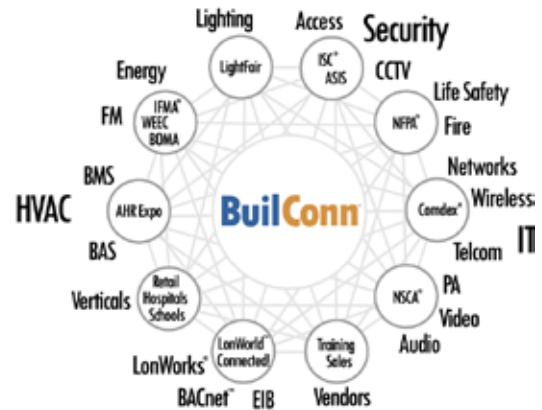
Global market competition is driving efficiency in business processes, costs and resource usage. In combination these factors are forcing us to be more progressive about our use of buildings, employing all available intelligent solution to deliver better performing buildings.

The forum will be structured into three distinct sessions, bringing together i&i limited's unique perspective of looking at intelligent building solutions from a demand side and supply side viewpoint.

The first session entitled "Building the Value Bridge" will make the connection between building intelligence and building value. It will identify key stakeholders and their value opportunities, focusing on proving the business case for building investors, owners and end-users.

## Designed for

- Building owners & operators wanting to leverage IT infrastructures to maximize facility effectiveness
- Integrators, consultants, architects involved with designing and implementing tomorrow's buildings
- IT industry players interested in leveraging their position to deliver building-IT convergence
- Emerging industry and stakeholders of the use of IT technologies in buildings



## 2006 Conference Topics

- Solid value proposition strategies for building-IT convergence and intelligent buildings adoption
- Selling and buying processes of IT and enterprise building system solutions
- New technologies and standards for tomorrow's building systems
- Open roundtable discussions, workshops and demonstrations of new and relevant technologies

The focus will then move to the supply side for the second session entitled "Evaluating & Sizing Market Opportunities in Asia-Pacific". Leading suppliers will deliver case study examples of how understanding these market opportunities, with the help of market intelligence from i&i limited, has enabled them to concentrate on and exploit different geographical and vertical markets.



*i&i limited*

The final session will consider "The Roadblocks and How to Overcome". The concept of intelligent buildings has been around for many years. However the application of intelligence in buildings has yet to deliver its true potential. This session will identify the roadblocks to the effective implementation of intelligent building solutions and present strategies for overcoming them. This session will provide examples where IT and Technical Building Services have been brought together effectively, and examine the technologies required to deliver truly integrated intelligent building solutions.



**Machine-to-Machine (M2M)**, n. 1. A set of technologies and applications that permits devices, people and applications to engage in a continuous dialogue. 2. A set of applications that permits the automation

of updating, repairing, replenishing and monitoring remote devices and assets. 3. An approach that complements and enhances service and support operations.



The M2M Expo and Conference is the only dedicated global expo that unites key players in the emerging industry of Machine-to-Machine (M2M). This one-of-a-kind event will feature case studies by the early adopters and suppliers of the M2M space which will illustrate the vast diversity and immense application potential of the technology. Designed as an educational and business development venue, the event continues to define the M2M space, structure, players, distribution, and relationships required for the industry to evolve.

Designed for

- Technologists, product and component makers as well as system and service providers
- OEM adopters and industry experts from the breadth of M2M application segments
- Integrators, IT consultants & M2M service providers
- Thought leaders in the evolution of M2M, Pervasive Internet and the second generation Internet

2006 Conference Topics

- M2M as a Grand Integration methodology of multiple industry segments
- Adoption strategies of device-centric service business
- Strong case studies and success experiences from thought leaders in many segments
- Discussions on new technologies for M2M applications
- Discussions and workshops on technical and commercial subjects

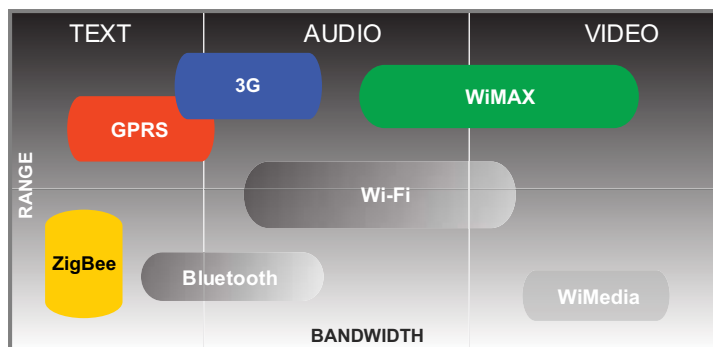
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Wi-tivity is the first event to focus on the use of wireless as a connectivity media for the control and monitoring of devices and systems.

## Wireless Connectivity, For a World of Smart Devices



Wi-tivity covers topics including wireless mesh such as ZigBee, sensor networks, IP focused wireless networks such as Wi-Fi and WiMAX as well as longer range GPRS and 3G technologies.

Wi-tivity is positioned to help the development and growth of M2M and the Pervasive Internet and will focus on both the technology developments within this emerging space as well as the adoption of these technologies, the applications of wireless in control and monitoring and business development issues.

Designed for

- Adopters of wireless technology
- System integrators
- Service organizations working with wireless
- Building automation vendors and integrators
- Residential & Home Automation vendors & integrators
- Industrial automation vendors and integrators
- Equipment and service vendors
- Press, media and analysts
- Researchers & academics with interests in wireless

2006 Conference Topics

- Use of wireless for Controls & Monitoring
- Wireless Sensor Networking
- Wireless Mesh Networks
- ZigBee and 802.15.4 Technologies
- GPRS, 3G, 4G and future technologies
- Wi-Fi and WiMax technologies
- Wireless Service Provider Issues
- Application Profiles of wireless controls & monitoring

## Supporters and Endorsing Associations



## Conference & Expo Summary Agenda

Tuesday 14 Nov		<b>BuilConn</b>	<b>Buildings Workshop</b>	<b>M2M Workshop</b>		Expo
	9:00	The Changing Dynamics of Buildings	Building Systems Fundamentals	Harbor M2M Workshop		Closed
	12:00	Lunch & Networking				
	13:00	Developing a Supply Industry for Connected Buildings	Web Services Show and Tell	Harbor M2M Workshop		
	16:00-18:00	Welcome Reception & Exposition				Open
Wednesday 15 Nov		<b>BuilConn</b> Integrated Facility Design	<b>Wi-tivity</b> Wireless Controls & Monitoring	<b>M2M</b> M2M Applications Uncovered	<b>LonMark Connection</b> LonWorks in a Converged World	Expo
	9:00	General Session / Plenary				Closed
	11:00	Planning & Strategies for Integrated Facilities	Low-Power Wireless Control Networks	Application Overview of M2M Today	Leveraging Convergence & LonWorks	Open
	12:00	Designing for Facility Management & Operation	Long Range & High Bandwidth for Controls & Monitoring	Intelligent Transportation	Energy & Smart Metering	
	13:00	Exposition & Lunch				
	14:30	Campus Wide Integration Strategies	Wireless Standards - Important or a Luxury?	Power Monitoring & Energy Saving	LonWorks Enabled Converged Buildings	
	16:00	Integrated Design & Implementation Process	Can Wireless be as Robust as Wires	M2M in Green Issues & Environmental Protection	Intelligent Street Lighting Systems	
	17:00-18:30	Exposition & Evening Reception				
Thursday 16 Nov		<b>BuilConn</b> Connected Buildings Components	<b>Wi-tivity</b> Study of Wireless Applications	<b>M2M</b> The Business of M2M Discovered	<b>ibX Forum</b> Building Value with Intelligence	Expo
	9:00	General Session / Plenary				Closed
	11:00	What Makes a Connected Building	Wireless in Buildings & Energy	Understanding the M2M Business Model	Building the Value Bridge	Open
	12:00	How to Make Connected Buildings a Reality	Wireless Revolution Creating New Opportunities	M2M Driving Business Growth	Evaluating & Sizing Market Opportunities in Asia	
	13:00	Exposition & Lunch				
	14:30	Review of Connected Buildings in Asia	Wireless & Web Services - A Synergistic Combination?	Service Model Supply Chain	The Roadblocks and How to Overcome Them	
	16:00	Added Benefits of Connected Buildings	Open Discussion on Wireless Controls	Open Discussion on Doing Business the M2M Way	Action Planning & Open Discussion	Closed

Agenda Subject to Change without Notice - See Web site for updates [www.connectivityweek.com](http://www.connectivityweek.com)



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