



News Release

JLL and Hitachi join forces to develop smart technologies to improve corporate real estate services in Asia Pacific

Real estate consultant and technology giant will collaborate to apply Internet of Things to workplace challenges

TOKYO AND SINGAPORE, 16 JANUARY 2017 - Jones Lang LaSalle Incorporated (NYSE:JLL), Hitachi, Ltd. (TSE:6501) and Hitachi Asia Ltd. have announced an agreement to conduct collaborative studies applying Hitachi technology to enhance the real estate services that JLL provides to its clients in Asia Pacific.

Beginning in December 2016, the three companies started the first proofs of concept by installing sensors in the Hitachi Asia headquarters in Singapore, collecting a wide range of data to analyse usage of its office space. Following this, a series of studies will be conducted to look at advanced facilities management and the efficient use of corporate real estate.

By using Hitachi's Internet of Things (IoT) platform 'Lumada', the companies are focused on developing new solutions that will improve the quality of the real estate services that JLL provides. Lumada is designed to drive digital business transformation through the integration of various kinds of devices, machines and systems in a wide range of business fields. It uses advanced data analytics to gain deep insights into how a business can be made more efficient.

Jordi Martin, CEO, Corporate Solutions, JLL Asia Pacific says: "We are excited to be collaborating with Hitachi on this project that will bring together JLL's expertise in real estate services and Hitachi's in technology solutions. It's an opportunity to gather and analyse data to better understand how companies use their real estate. Our goal is to come up with creative solutions that will help to deliver smarter, more sustainable and productive workplaces for our clients in Asia Pacific."

Keizou Kobayashi, CEO of the Urban Solutions Business Unit, Vice President and Executive Officer, Hitachi, Ltd., says: "It is my pleasure to make this announcement together with JLL, one of the leading real estate service companies in the world. JLL has profound specialisation and knowledge, with which it has globally expanded its business. Beginning with cooperative consideration with JLL and with proofs of concept, Hitachi will make efforts to contribute to the sophistication and streamlining of the services that JLL provides for their clients in the Asia Pacific region."

Ichiro Iino, Chairman of Hitachi Asia Ltd. says: "Southeast Asia's economic growth has resulted in an increase in urban development projects. To meet the demands of this market, Hitachi Asia is expanding their Social Innovation Business, particularly in urban-related fields. Singapore, where Hitachi Asia is headquartered, provides an ideal environment for developing new technologies and solutions, making it a suitable location for this study. By utilising the findings that we gain from this, we believe that we can contribute to improving the efficiency of the real estate services provided by JLL in the region."

Hitachi has been focusing on its social innovation business, which seeks to solve social issues by merging cutting-edge IT and social infrastructure technology. To enhance these efforts in the field of urban solutions, one of the fields on which they are currently focused, Hitachi established the Urban Solutions Business Unit in April, 2016.

In the future, JLL, Hitachi, and Hitachi Asia will continue to consider ways to improve the general real estate services that JLL provides for its customers in the Asia Pacific region and to further expand their business globally.

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About JLL

JLL (NYSE: JLL) is a professional services and investment management firm offering specialized real estate services to clients seeking increased value by owning, occupying and investing in real estate. JLL is a Fortune 500 company with, as of December 31, 2015, revenue of \$6.0 billion and fee revenue of \$5.2 billion, more than 280 corporate offices, operations in over 80 countries and a global workforce of more than 70,000. On behalf of its clients, the company provides management and real estate outsourcing services for a property portfolio of 4.0 billion square feet, or 372 million square meters, and completed \$138 billion in sales, acquisitions and finance transactions in 2015. As of September 30, 2016, its investment management business, LaSalle Investment Management, has \$59.7 billion of real estate assets under management. JLL is the brand name, and a registered trademark, of Jones Lang LaSalle Incorporated. For further information, visit www.jll.com.

JLL has over 50 years of experience in Asia Pacific, with 36,000 employees operating in 94 offices in 16 countries across the region. The firm won 15 awards at the International Property Awards Asia Pacific in 2016 and was named number one real estate investment advisory firm in Asia Pacific for the fifth consecutive year by Real Capital Analytics. www.ap.jll.com.

About Hitachi, Ltd.

Hitachi, Ltd. (TSE: 6501), headquartered in Tokyo, Japan, delivers innovations that answer society's challenges. The company's consolidated revenues for fiscal 2015 (ended March 31, 2016) totaled 10,034.3 billion yen (\$88.8 billion). The Hitachi Group is a global leader in the Social Innovation Business, and it has approximately 335,000 employees worldwide. Through collaborative creation, Hitachi is providing solutions to customers in a broad range of sectors, including Power / Energy, Industry / Distribution / Water, Urban Development, and Finance / Government & Public / Healthcare. For more information on Hitachi, please visit the company's website at <http://www.hitachi.com>.

About Hitachi's IoT platform " Lumada " - Official Website

<https://www.hitachiinsightgroup.com/en-us/lumada-by-hitachi.html>

Contact:	Eva Sogbanmu, JLL	Tatsuya Moriki, Hitachi,Ltd.	Mika Oh, Hitachi Asia Ltd.
Phone:	+65 6494 3572	+81 3 5208 9324	+65 6231 2196
Email:	Eva.Sogbanmu@ap.jll.com	tatsuya.moriki.cs@hitachi.com	mo@has.hitachi.com.sg