

JOINT MEDIA RELEASE

TM COLLABORATES WITH MRCB TO EMPOWER MRCB DEVELOPMENT PROJECTS WITH ICT AND IOT-ENABLED SMART SERVICES

Kuala Lumpur Sentral CBD, 1 September, 2016 - Recognising the increasing need for enhanced telecommunications services as well as Smart Services, Telekom Malaysia Berhad (TM) and Malaysian Resources Corporation Berhad (MRCB) today signed a Memorandum of Understanding (MoU) for the collaboration on development of integrated telecommunications, ICT and Internet of Things (IoT)-enabled smart services in property development projects owned by MRCB.

The MoU was signed by Tan Sri Zamzamzairani Mohd Isa, Group Chief Executive Officer, TM and Giorgio Migliarina, Chief Technology and Innovation Officer, TM on behalf of TM while MRCB was represented by Tan Sri Mohamed Salim Fateh Din, Group Managing Director, MRCB and Imran Tan Sri Mohamed Salim, Executive Director, MRCB.

With the MoU in place, TM and MRCB will be working closely in strengthening the existing telecommunication and ICT infrastructure at MRCB properties while at the same time exploring ways to promote Smart City Living through provisioning of IoT-enabled services for smart township services and smart building services for enhanced customer digital experience.

Commenting on the collaboration, Tan Sri Zamzamzairani said: "We are indeed very happy and excited with this milestone collaboration with MRCB which will pave the way for TM to define a clear IoT strategy for MRCB properties and provide the opportunity to demonstrate TM capabilities in the development of integrated telecommunication, ICT solutions and smart services at MRCB development projects. The collaboration will also enable us to promote Smart City Living through the provisioning of smart solutions which encompass but not limited to Smart Safety & Security, Smart Mobility, Smart Building Management as well as Tenant and Citizen Services, in line with our vision, "To Make Life and Business Easier, For a Better Malaysia"."

"As Malaysia's Convergence Champion, TM is committed to deliver integrated business solutions that will fulfil the needs of businesses, especially in today's sophisticated digital era, and spearheading TM's smart services initiatives is our wholly owned subsidiary, VADS Lyfe Sdn Bhd, while VADS Berhad leads on ICT services. We leverage on our next generation network and ICT solutions to co-create an infrastructure and services that can boost the real estate industry in Malaysia and the way buildings, homes and offices are experienced," added Tan Sri Zamzamzairani.

Meanwhile, Tan Sri Mohamad Salim said, "MRCB and TM will jointly develop a Smart City roadmap for all MRCB property products. This roadmap will cover all relevant solutions that will promote Smart City living for MRCB products, such as smart township services and smart building services. Our urban development vision will set us on a focused vision to integrate multiple aspects of ICT and the 'Internet of Things' in managing a Smart City's assets – that include, but are not limited to, public safety and security, local authorities' information systems, commercial and retail components, schools, libraries, transportation systems, hospitals, power plants, water supply networks, waste management, fire and rescue services, law enforcement and a myriad of other community services."



“The goal of building a smart city is to improve the quality of life using urban informatics and technology to improve the efficiency of services for residents’ needs. At a higher level, Smart City applications are developed with the goal of improving the management of urban flows and allowing for real time responses to challenges. Therefore, our Smart City roadmap must lead the way towards an advanced ICT infrastructure that will become the backbone for systems that can respond to challenges and enhance efficiency, instead of a system that merely facilitates transactions and services for its residents,” Tan Sri Mohamad Salim continued.

Tan Sri Mohamad Salim added, “In addition, MRCB and TM will engage in co-marketing and talent creation programmes, where we will jointly develop marketing and engagement plans for end customers of MRCB property products, based on MRCB’s customer demographics and database. TM will also offer MRCB access to talent creation programmes readily available in TM Group, such as TM R&D and Multimedia University”.

Currently, TM is already equipping various communications and smart ICT services to MRCB-owned properties nationwide to ensure seamless integration of future smart services.

For more information on TM and its products and offerings, visit www.tm.com.my. To find out more about MRCB, visit www.mrcb.com.

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About TM

Telekom Malaysia Berhad (TM), Malaysia’s Convergence Champion and No. 1 Converged Communications Services Provider, offers a comprehensive range of communication services and solutions in broadband, data and fixed-line. As a market leader, TM is driven by stakeholder value creation in a highly competitive environment. The Group places emphasis on delivering an enhanced customer experience via continuous customer service quality improvements and innovations, whilst focusing on increased operational efficiency and productivity.

Leveraging on our extensive global connectivity, network infrastructure and collective expertise, TM is well positioned to propel Malaysia as a regional Internet hub and digital gateway for South-East Asia.

As a multiple award winning model corporate citizen committed to good governance and transparency, TM continues its pledge to ensure the integrity of our processes, people and reputation as well as the sustainability of our operations. Our Corporate Responsibility (CR) ethos reinforces responsible behaviour in the four main domains of the marketplace, workplace, the community and the environment. With a focus on ICT, the Group further promotes 3 major platforms i.e. education, community/nation-building and environment, through our Reaching Out programmes.

TM looks forward to continue serving customers with its comprehensive suite of offerings, delivering a seamless digital experience and integrated business solutions to meet their lifestyle and business communication needs - towards making “Life and Business Made Easier for a Better Malaysia”.

For further information on TM, visit www.tm.com.my.

About VADS Lyfe Sdn Bhd

VADS Lyfe Sdn. Bhd. (VADS Lyfe), a wholly owned subsidiary of Telekom Malaysia Berhad (TM) was established in 2009 with the aim to develop and provide smart city solutions. Aspiring to be the market leader in smart home and smart city services for real estate developments in Malaysia, VADS Lyfe provides consultancy, design, build as well as operations of the smart services. It was formerly known as GTC Global Sdn Bhd with core business activities in installation & maintenance of integrated security surveillance systems and broadband solutions.

Today, VADS Lyfe leverages on TM's extensive connectivity and ICT capabilities, to provide the following smart solutions which will be tailored to the needs of the developers and the home owners:

- **Smart ICT services:** Provides responsive connectivity and infrastructure that builds functionality and foundation to enable smart services
- **Safety & security:** Real-time monitoring to improve security, providing faster emergency response and elevating crime prevention
- **Smart mobility:** Solutions that leverage on technology to improve mobility; providing information that will assist in decision-making for best options in commuting, managing traffic and parking spaces
- **Energy & facilities management:** Optimising utilisation of assets and resources while reducing operational cost through lower energy consumption
- **Digital signages:** Platform for effective communication, announcements, advertising and promotion via an interactive interface for enhanced user experience
- **Citizen portal:** One-stop community centre for information and communication, promoting knowledge sharing, businesses and innovation.

Our smart solutions will be anchored to our Integrated Operations Centre (IOC), which provides 24/7 centralised monitoring on a single-platform for situational awareness, smart service analytics, emergency response and alarm management.

About MRCB

MRCB is a leading urban property and construction company, which has been listed on the Main Board of Bursa Malaysia since 1971.

The Group's activities span four areas: Property Development & Investment, Engineering, Construction & Environment, Facilities Management and Infrastructure & Concession.

As the developer of the iconic RM14.0 billion KL Sentral CBD, MRCB pioneered Transport Oriented Development (TOD) in Malaysia and is setting the standard for future fully integrated TOD projects. MRCB's property development revenues are underpinned by its 410-acre urban land bank which has an estimated GDV of RM50.0 billion. Its property investment activity is conducted through its 31.2% stake in MRCB-Quill REIT.



Apart from constructing world class commercial and residential developments, MRCB's Engineering, Construction & Environment division also has an enviable track record in highways, rail infrastructure, high voltage power transmission projects and the rehabilitation of rivers and coastal areas. The division currently has an external order book of RM6.6 billion.

MRCB's largest shareholder is the Employees Provident Fund.

Visit www.mrcb.com for more information.

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Group Brand & Communication
Telekom Malaysia Berhad
Level 8 (South Wing), Menara TM, Jalan Pantai Baharu
50672 Kuala Lumpur

AND

Corporate Communications
Malaysian Resources Corporation Berhad
Level 30, Menara Allianz Sentral,
No. 203, Jalan Tun Sambanthan
Kuala Lumpur Sentral
50470 Kuala Lumpur

For inquiries, please contact:

TM

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|---|---|--|
| 1 | Asma Abdul Aziz
Assistant General Manager
Media Management & External Communications
Group Brand & Communication | Tel: (03) 2240 3840
HP: (013) 364 1830
Email: asma_aa@tm.com.my |
| 2 | Saiful Azni Matmor
Manager
Media Management & External Communications
Group Brand & Communication | Tel: (03) 2240 2617
HP: (013) 360 3496
Email: msaiful@tm.com.my |

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|---|---|---|
| 1 | Mohaini Mohd Yusof
General Manager, Head
Corporate Communications | Tel: (03) 2786 8034/5
HP: (6019) 267 8727
Email: mohaini@mrcb.com |
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