



Kuala Lumpur 24-26 Sept 2019

Session 3: loT Capability Beyond Connectivity



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Session 3:

STARS - Smart Traffic Analytics & Recognition Systems



Azrin Aris
Director, Emerging Solutions &
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#MOBILE360



IoT Capability Beyond Connectivity

Azrin Bin Aris

Director, Emerging Solutions & Innovation

TM ONE



Operator Innovator of the Year Award

Leader of the Year Award



TM IS NOT JUST ABOUT CONNECTIVITY...



TM is an enabler beyond connectivity

Broadband & Mobile

SDN, Integrated

Data & Internet



Connectivity Services

Global Connectivity

Wifi & Hotspots

Internet Exchange

INTRODUCING





Ir. Dr. Megat Zuhairy
Head of Competency, Innovation and Performance
Public Works Department Malaysia (PWD)



Objective

Chairman of Industrial Revolution 4.0 (IR4.0) Task Force; responsible in establishing strategies for the organization in facing the challenges and opportunities of IR4.0 particularly in the construction industry. Internet of Things and Big Data are the two key areas that the Tasks Force is focusing on.

DESIGN THINKING WORKSHOPS



Sharing pain points & challenges



With the challenges using the conventional way, it is hard to maintain the operating cost at optimum level while growing the services. Each of the services expansion will require to train people to monitor and manning the services.

OUR METHODOLOGY



Technology should be the last, not the first consideration. Citizen is the first consideration.

WHAT
PROBLEMS
ARE WE
SOLVING?

WHOSE
PERSONA
ARE WE
ADDRESSING?

HOW CAN
THE
SOLUTION BE
SUSTAINED?

WHO ARE THE PLAYERS WITHIN THE **EXISTING ECOSYSTEM** THAT WE CAN LEVERAGE ON?

WHAT **TECHNOLOGY** CAN ADDRESS ALL OF THE ABOVE CONSIDERATIONS?

needs of people

empower existing players to ensure a healthy ecosystem.

the technology choice should enable the solution to intuitively adapt and respond to the problem



INTRODUCING TM ONE Smart Traffic Lights Solutions

Smart Traffic Lights Solutions is a service that enhances existing traffic control system by providing central monitoring, data visualization & analytic through a single platform

TM ONE Smart Traffic Lights Solutions

Overall Map View indicates Location of Traffic Lights and Real Time Status

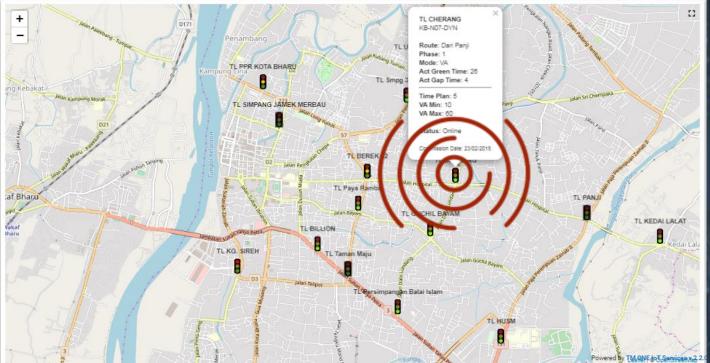
Alarm trigger via Telegram to traffic light provider and Local Councils





Smart Traffic Lights Solutions



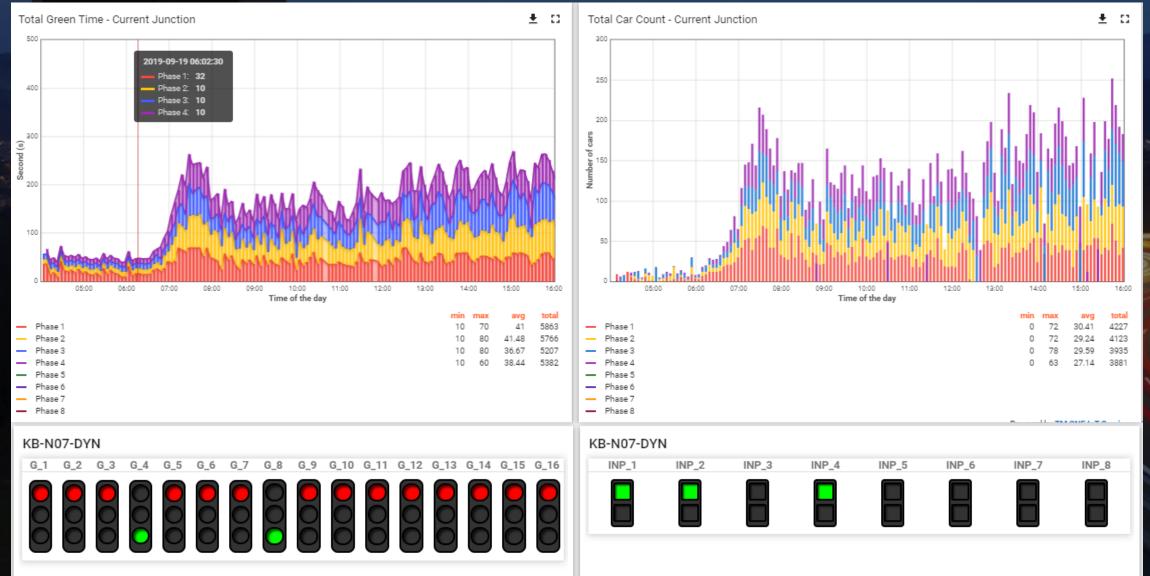




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Smart Traffic Lights Solutions Dashboard with real time data analytic





ACCOLADES

30th International Invention, Innovation & Technology Exhibition (ITEX'19), Malaysia (2 – 4 May 2019)
Award Category: Information and Communications Technology, Telecommunications, Audio Visual

Hari Inovasi JKR Malaysia (2 Oct 2018) Award Category: Kumpulan Inovatif & Kreatif (KIK)











