



Asia-Pacific
Economic Cooperation

Advancing
Free Trade for Asia-Pacific
Prosperity

Digital Driver's License :

A Study Towards Smarter, Secure and Efficient System

24 04 2018 – Seoul, Republic of Korea

Presented by
Mohd Kamal Hisham bin Abu Bakar
Ministry of Transport, Malaysia

Contents



Asia-Pacific
Economic Cooperation

- Introduction
- Objectives
- Proposed Implementation
- Key Features
- Summary

Introduction



Malaysian Government's Digital Transformation Initiatives:-

- Transform public service delivery (digitalization) - traditional services into digital functions;
- Services clustered around the citizens' needs;
- Cashless society by 2050;
- Challenges by Industrial Revolution 4.0 (4IR) – advance digitalization, AI, IOT; and
- Key enabler to drive efficiency and competitiveness, increase revenues.

Key internet & mobile statistics



POPULATION

29 Million

% POP. AGE 15 – 34 YEARS

34%



INTERNET USERS*, % POPULATION

66%

INTERNET USER GROWTH (2009-12)

18%



MOBILE PHONE PENETRATION

140%

3G SUBSCRIPTION

10 Million

Frequency of Internet Usage



Main Location of Using Internet (2015)



Home
75.0%



In mobility
72.2%



Work place
41.5%



Commercial Internet Access Facility
22.7%

Main Types of Internet Activities (2015)



Objective



Asia-Pacific
Economic Cooperation

- Safety & security
- Ease in enforcement activities
- Long term cost reduction
- Digitalisation of public services
- Ubiquitous transaction / services
- Increase revenue
- Improve customer experience and enhance efficiency

Proposed Implementation



Asia-Pacific
Economic Cooperation

- Migration from physical identification towards digital driver's license
- Via Smart Phones Apps
- Embedded with other MOT services – summons, demerit points, notifications of services, real time query, safety features (panic button)
- Include other e-payment facilities

Existing Card



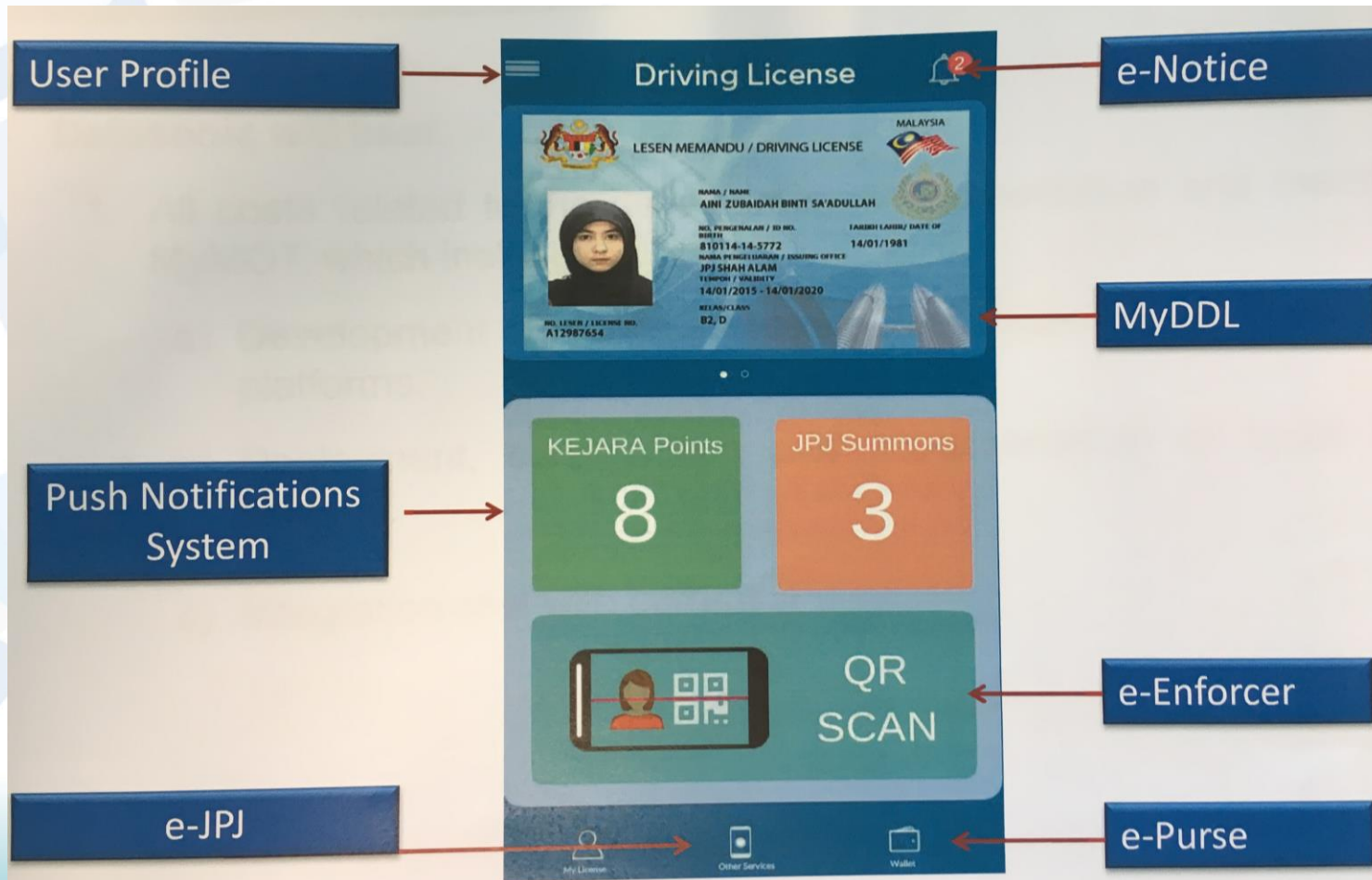
Asia-Pacific
Economic Cooperation



Solution Under Study



Asia-Pacific
Economic Cooperation



Key Features



Asia-Pacific
Economic Cooperation

- Security
- Enforcement made easy
- Revenue
- Better services

Security Features



Asia-Pacific
Economic Cooperation



Facial recognition, link to central
Database



Driver's particulars encrypted QR Code



Enforcement via
Smartphones

Summary



Asia-Pacific
Economic Cooperation

- Initiative under study, work in progress
- Other consideration – legal issues
- To provide better quality of life, enjoyment for citizens
- Revenue and security

Follow us on social media



Asia-Pacific
Economic Cooperation



www.apec.org



www.facebook.com/APECnews



@APEC and @Bollard_APEC



www.linkedin.com/company/asia-pacific-economic-cooperation-apec-secretariat