Holistic Approach to Refarming

Licensing Considerations from the Asia Pacific Perspectives

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WHO WE ARE

PERSONAL DATA

Provide secure and simple authentication to a range of digital services

CONNECTED LIVING

Mobilise the Internet of Things

DIGITAL COMMERCE

Enable and build the digital commerce ecosystems

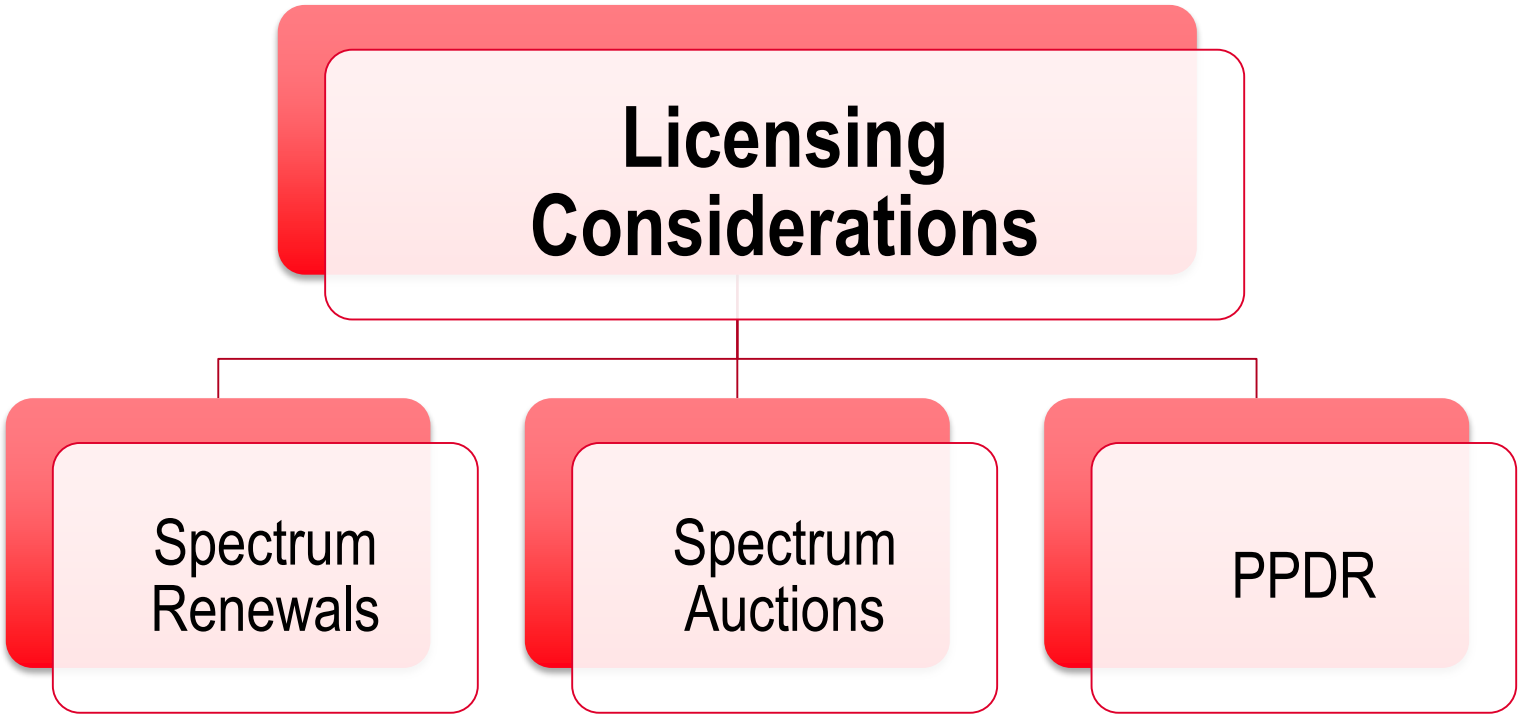
NETWORK 2020

Create the network for secure, smart and seamless services

INDUSTRY ADVOCACY

CONVENING THE INDUSTRY

LICENSING CONSIDERATIONS



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SPECTRUM LICENSING

A RENEWAL PROCESS SHOULD BE DEFINED WELL BEFORE LICENCE EXPIRATION

Establish the licence-renewal approach two to four years in advance

Publish the renewal criteria, as well as the terms and conditions to be applied to the renewed licence

Avoid network investment being postponed, as a result

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SPECTRUM AUCTIONS

AUCTIONS ARE
AN ECONOMICALLY EFFICIENT WAY TO ALLOCATE SPECTRUM

… when there is competition for limited spectrum resources
… when demand is expected to exceed supply

AUCTIONS ARE NOT
THE ONLY OPTION AVAILABLE TO GOVERNMENT FOR SPECTRUM ALLOCATION

Consultation with mobile operators and other stakeholders is essential

AUCTIONS SHOULD
REFLECT THE LONG-TERM ECONOMIC VALUE OF THE SPECTRUM, NOT MAXIMISE SHORT-TERM REVENUE FOR GOVERNMENTS

Auctions should be fair, transparent and designed for the specific market circumstances

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PPDR

- The PPDR World is moving to LTE and LTE-Advanced
- LTE and LTE-Advanced for Broadband PPDR applications are becoming more capable of satisfying mission critical Broadband PPDR functional and operational requirements, while providing more efficient use of spectrum
- Broadband PPDR provides better interoperability, and better coordination across agencies, and richer ecosystem with wider selection of devices and applications

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PPDR

- A dedicated Broadband PPDR network
- Combination of dedicated Broadband PPDR network and commercially provisioned network services
- Integrated network approach
- Commercial IMT network
- Collaborative narrowband – broadband approach

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PPDR

- Which spectrum do use for Broadband PPDR?

- Is there really a need to build dedicated Broadband PPDR networks?

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PPDR

Region 3 administrations are encouraged to consider the harmonized use of the bands or parts thereof: 406.1-430MHz, 806-824/851-869MHz, 4940-4990MHz and 5850-5925MHz for PPDR applications

Broadband PPDR opens greater opportunity to Public Safety agencies through the greater capacity and coverage of the commercial IMT networks

Broadband PPDR use of commercial IMT networks promote greater efficiency in spectrum utilization, and at the same time allow greater cost savings to the Public Safety agencies

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PPDR

Source: Telstra

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THANK YOU

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