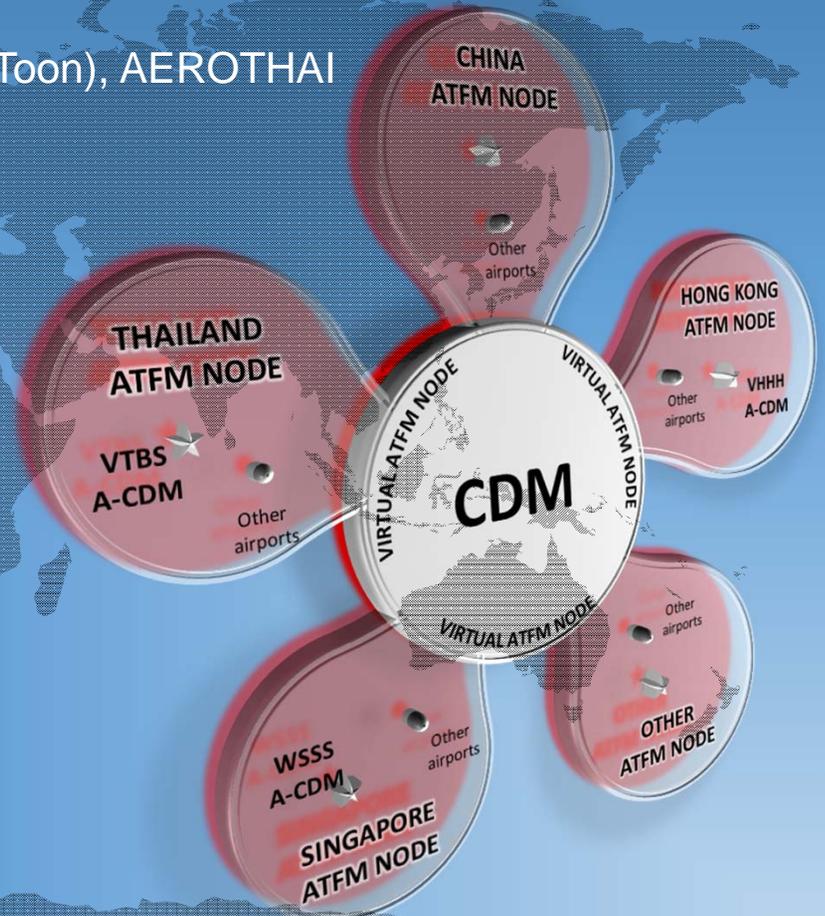


Distributed Multi-Nodal ATFM Network

Hermizan Jumari, CAAS & Piyawut Tantimekabut (Toon), AEROTHAI

20 November 2017

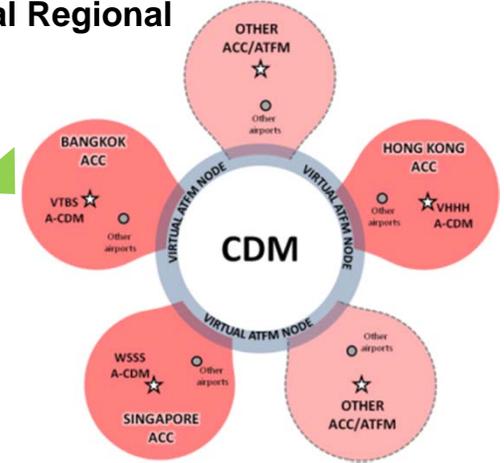


Evolution of the Regional ATFM Concept

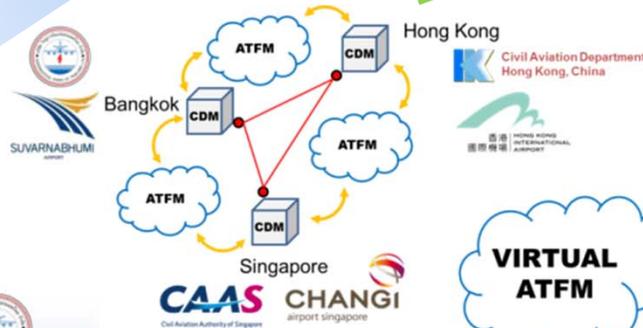


Research Collaboration on Regional ATFM Concept 2013

Distributed Multi Nodal Regional ATFM Concept 2014 -



CANSO Whole of flight CDM Pilot Project between BKK-SIN 2011-2012



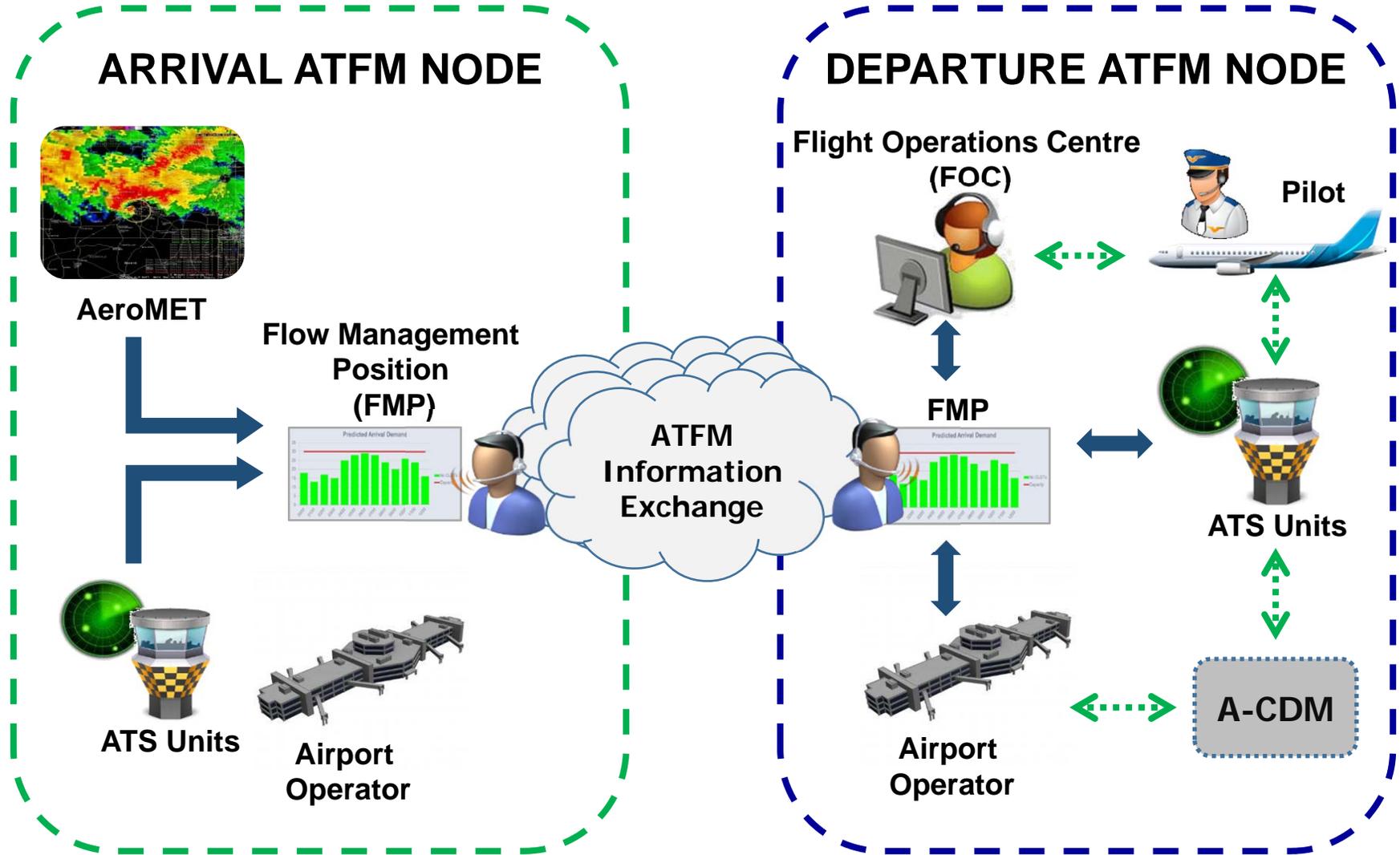
Tripartite CDM Project between BKK-HKG-SIN 2012-2013



DISTRIBUTED MULTI-NODAL ATFM NETWORK



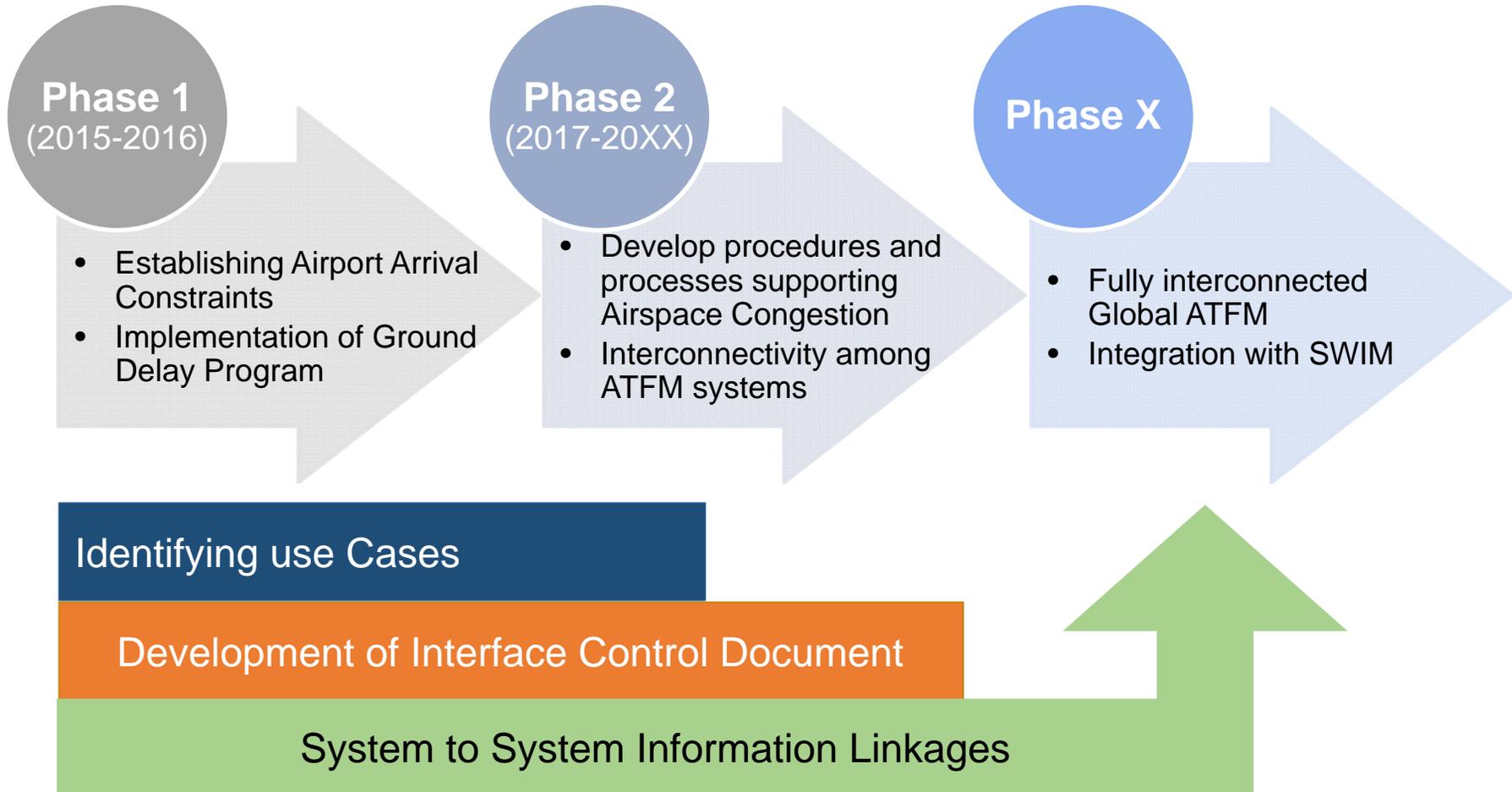
Concept of Multi-Nodal ATFM



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Phased Approach for Operational Trial



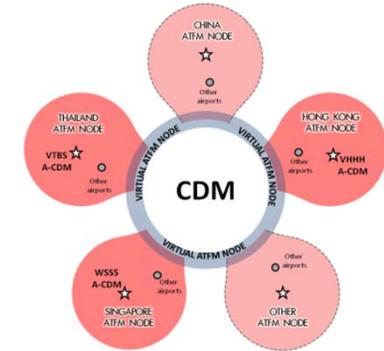
DISTRIBUTED MULTI-NODAL ATFM NETWORK



Tiered Approach for ANSP Participation

- Project expanded to include 11 ANSPs and their encompassing stakeholders
 - i.e. Airport and Airlines Partners
- Adopted a tiered-approach to cater for the varying levels of readiness
- Total Airports in the Multi-Nodal ATFM Network

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Level 3 ATFM Nodes
Generate, Distribute, Comply to CTOT

- China
- Hong Kong China
- Singapore
- Thailand

Level 2 ATFM Nodes
Receive and Comply to CTOT

- Cambodia
- Indonesia
- Malaysia
- Myanmar
- Philippines

Level 1 ATFM Nodes
Observers

- Lao PDR
- Viet Nam



DISTRIBUTED MULTI-NODAL ATFM NETWORK



Thank you

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