NTOU CSE 資訊工程學系 COMPUTER SCIENCE AND ENGINEERING

WIRELESS COMMUNICATION NETWORKS LAB.

指導老師：曾志成 (cctseng@mail.ntou.edu.tw)
實驗室網址：wcnlab.ntou.edu.tw

是，恭喜你

爾日三省爾身：高否？富否？帥否？

國立臺灣海洋大學 資訊工程學系

無線通訊網路實驗室

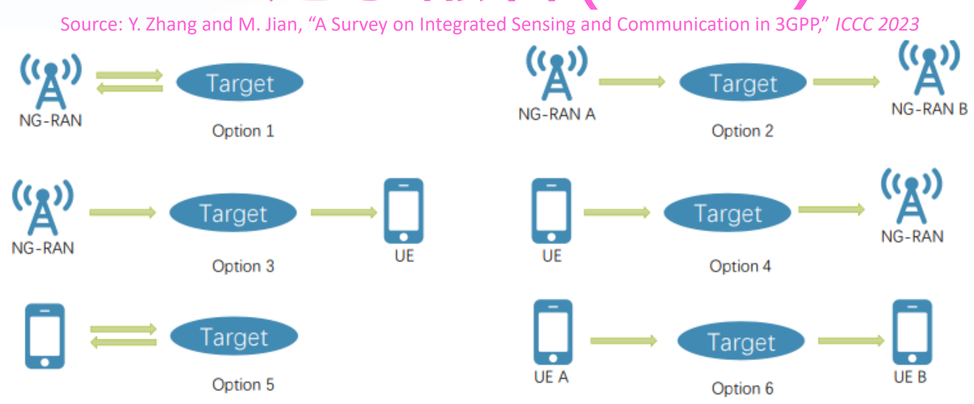
一個讓你永保「求知若飢，虛心若愚」的園地

否，快學習

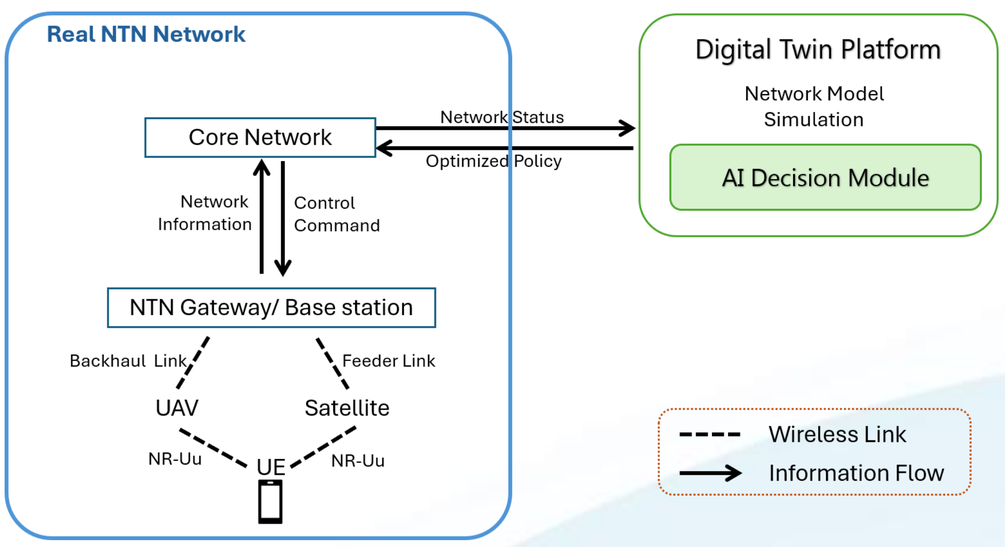
本實驗室之研究著重在將人工智慧/機器學習/語言模型等技術應用於次世代行動通訊網路、關鍵任務多媒體通訊、開放式無線電存取網路、數位雙生與無人機/機器人等主題來進行系統效能之智慧優化與最佳控制。

6G通感融合(ISAC)

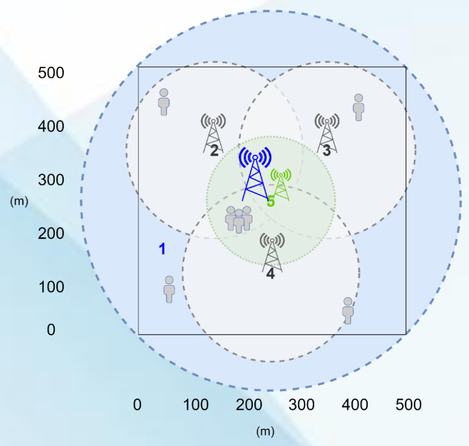
Source: Y. Zhang and M. Jian, "A Survey on Integrated Sensing and Communication in 3GPP," *ICCC 2023*



6G NTN之數位雙生

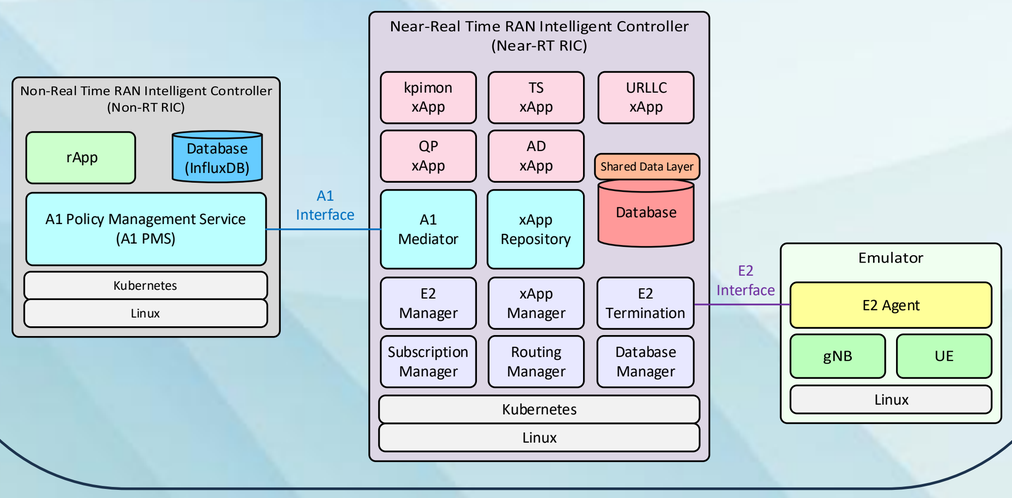


O-RAN架構之流量導引

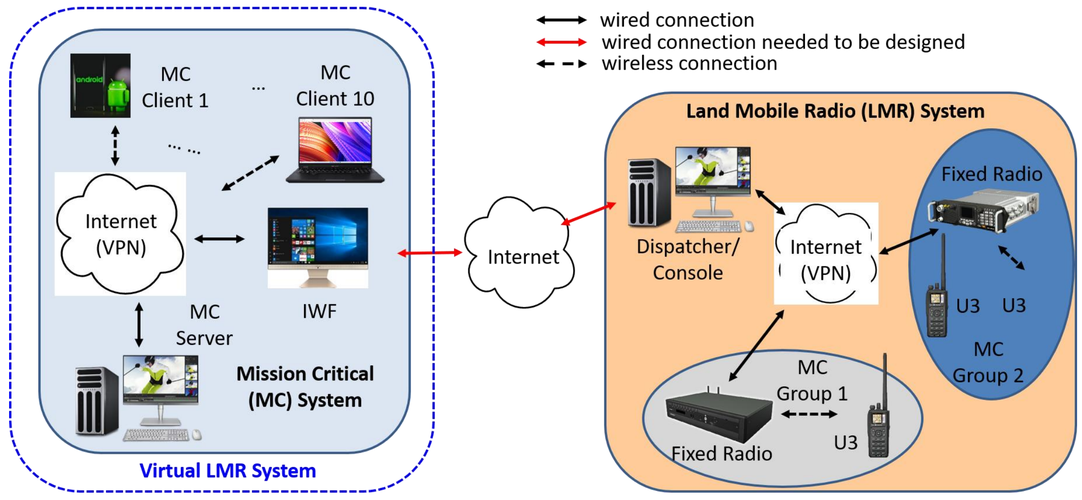



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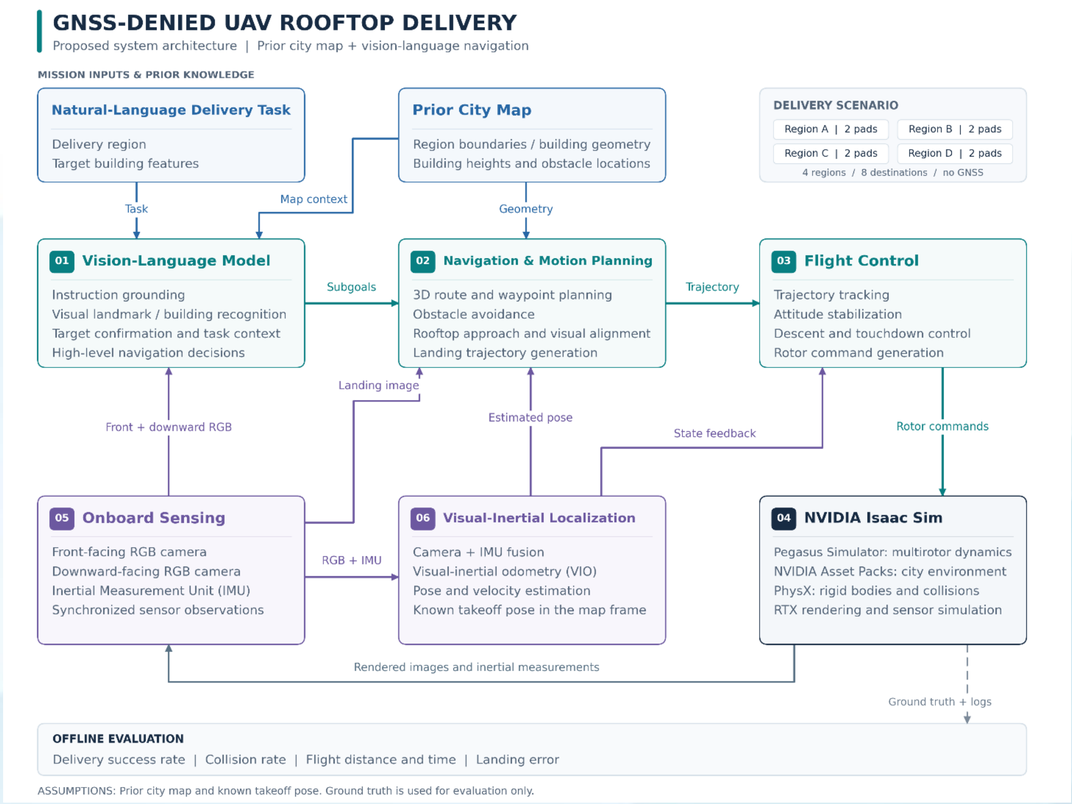
O-RAN跨時間尺度之智能優化



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VLM在UAV/機器人之應用



RIS智能波束調控

