

# **MOF “Unified Data Center Platform Resource Expand Project”**

## **I. Project purpose**

The project adopts the strategy of “computer facilities optimization, network infrastructure optimization, integration and concentration, platform enhancement” to expand the resources of the Unified Data Center of the Ministry of Finance to complete the infrastructure service platform, integrate shared resources and strengthen security protection. The project will enhance network integration and management, expand the scope of shared platform services and continue to promote the centralized information systems, and implement the National Development Council’s policy or promoting the use of ministries as centralized and shared data centers. In addition, the integration of network services, in line with NDC’s government operational processes on the online data transmission T-Road platform, will enhance the value of cross-ministry information exchange and support the development of national financial information infrastructure.

## **II. Implementation content**

- A. Computer facilities optimization: The project uses a plethora of design and optimization techniques to achieve PUE values as low as 1.6, as well as hot-aisle and cold-aisle for enhancing performance of air conditioning system.
- B. Network infrastructure optimization: The network backbone of the Data Center is constructed to integrate and optimize network infrastructure accomplishes resource centralization, and to strengthen the cyber security protection of MOF’s subordinate agencies. In addition, the MOF data exchange service is established for the subordinate agencies of the MOF and to achieve greater benefits.
- C. Centralized and integration: Platform resources are expanded to accommodate the integration of the system in the subsequent phases. According to the service, data access and processing characteristics of the application system, three types of resource pools, including the cloud shared resource area, the high-performance host shared resource area, and the big data analysis cluster shared resource area, are built, which are planned in a shared, shared and backup manner. Application systems and services are provided according to their system characteristics.
- D. Platform enhancement: Build an integrated security operation center (SOC) and establish information security management system.

### III. Expected benefits

- A. The best Green Data Center project (including the others 5 Region National Tax Administrators) of its kind in 2026.
- B. Accomplish network infrastructure integration and cascade the network among existed projects progressively. Strengthen the cyber security protection of the MOF's subordinate agencies and provide the convenient services of data exchange.
- C. Expand the scope of platform resources, providing accommodation for subsequent integration of systems to achieve the optimization of resource sharing and flexible expansion.
- D. Establish an integrated security operation center (SOC) and implement the information security management system: Ensure the confidentiality, integrity, and availability of the fiscal and taxation data as well as data center platform of the MOF.