

# **Design and deploy a multi-branch network system for Thế Giới Di Động enterprise with redundancy and load balancing mechanisms.**

## **Office Talks**

**Abstract:** The topic focuses on designing and deploying an optimized network system for Mobile World Company, a multi-location business organization, to enhance customer service capabilities and minimize the risk of disruption. The main objective of the research is to build an effective backup network solution combined with automatic load balancing technology to ensure stable service in all situations. This study uses an empirical approach, including analyzing current network requirements, designing a new network structure, and deploying a trial application at several branches. The expected results will contribute to improving operational performance while affirming the creativity of the topic in the field of enterprise information networks.

**Keywords:** Network system, Mobile World Company, Backup mechanism, Load balancing