

3x Tier Network Infrastructure



Core, Distribution and Access Layer

Physical Diagram

At Distribution (Aggregation) Layer switch-pairs have other hardware like: Firewalls, Load-Balancers or SSL off-loaders

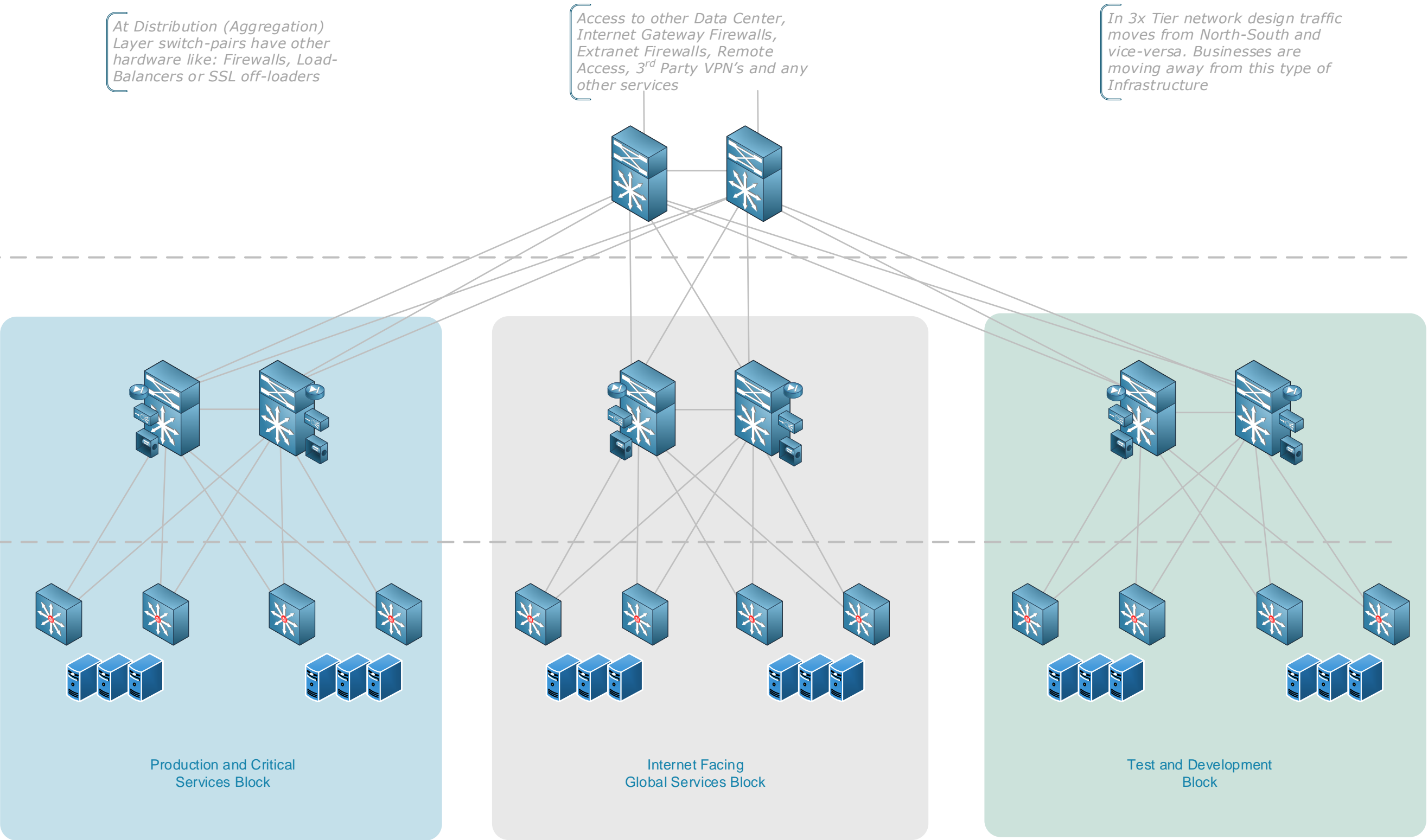
Access to other Data Center, Internet Gateway Firewalls, Extranet Firewalls, Remote Access, 3rd Party VPN's and any other services

In 3x Tier network design traffic moves from North-South and vice-versa. Businesses are moving away from this type of Infrastructure

Core Layer

Distribution (Aggregation) Layer

Access Layer



Services, Applications, Servers are segregated by Vlans and Routing in each Block

To move server from one Block to the other one, IP addressing has to be changed and firewall rules updated accordingly. Not very scalable, nor agile solution