



CASE STUDY

IT INFRASTRUCTURE IMPLEMENTATION – SD-WAN



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About Client

A three-decade IT Services firm delivering enterprise ERP, web and mobile applications with Infrastructure management and Cloud services.

With high and fluctuating data volume based on project and client requirements, network bandwidth management and centralized support was always a key requirement to seamlessly deliver business services

BUSINESS CASE

- Client's network management was ad-hoc and maintained by individuals at each location physically.
- Every Network issue & downtime took long time to resolve resulting in business stoppage.
- All planned maintenance was handled with downtime
- Network Bandwidth was not categorized resulting in higher bandwidth consumption

SOLUTION FROM CCS

- Conducted a network audit with the help of online tools to understand the speed at different intervals.
- Involves different VMs setup, installation of tools, access to environment etc.,
- Implemented high availability and load balancer on the WAN devices and Firewall.
- Implemented the free version of SD-WAN tool and configured the WAN management.
- Allocated bandwidth and Link load balancing for zero downtime of network connections over two branches of their operations.

ADVANTAGE TO CLIENT

- Client was able to implement centralized network management across 3 offices.
 - Only free version of the SD-WAN tool was used.
 - User experience was seamless in upload and download by managed bandwidth.
 - All network maintenance was handled without any downtime by high availability and load balancing options of the firewall device
 - Facility to allocate specific bandwidth for each type of service ranging from Software deployment to individual network port-based services.
 - Elevated client satisfaction Index by on-time delivery of services.
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