



## Overview

- Companies with more than 3 locations
- Required inter-office communications within the budget
- Processing customer orders thru Internet
- Developed web-based product ordering system with multiple databases in the backend

## Challenges

- Low-cost intra-office communications
- Securing customer information and orders from the Internet
- Limited development skills to re-deploy new website and database designs

## Solution

- Provided carrier that delivered SDSL with COS, while backhauling services to the main site for Internet access.
  - Provided Fortinet firewalls, Fortiweb and FortiDB for enhanced security in the hub site (as the data center).
  - Provided centralized 3CX Windows based IP PBX for inter-office communications.
  - Benefits:
    - Secured connections
      - Fortinet products enabled security over the Internet, within the data center infrastructure and prevented users from unauthorized access to unsecured sites and abuse.
      - Secured the data communications between the front-end web servers and the back-end database servers from spoof or unauthorized access.
    - Optimum performance
      - Fortinet products enabled WAN optimization and file caching that resolved retransmissions and data duplication across small WAN pipes.
    - IP telephony
      - Employees have the ability to work from home or on the road to prevent missing sales lead and important calls.
      - Activated follow-me and voicemail features to enhance user productivity based on caller-id, time-of-day, etc.
      - Enabled low-cost origination and termination of telephone calls.
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