

Department of National Defense - Canadian Forces Base Trenton

(Trenton, Ontario)

BACKGROUND:

From delivering supplies to the high Arctic to airlifting troops and their gear world-wide, C.F. B. Trenton (8 Wing) is the hub of air mobility operations for the Canadian Forces. C.F.B. Trenton plays a vital role in coordinating equipment and personnel for virtually every mission the Canadian Forces undertakes - whether it be for Search And Rescue, peace keeping, combat operations or humanitarian relief. Securing and maintaining accurate information is crucial to the base's operations and its role within Canada's armed forces world-wide.

OUR ASSIGNMENT:

- DND identified the need to develop a comprehensive Disaster Avoidance System (DAS) to ensure Base operations could be maintained during an outage
- Having greater control over asset management through redundant systems and scalable architecture must be central to the solution

THE CHALLENGES:

- There was zero tolerance for error or inordinate downtime. C.F.B. Trenton is the busiest Canadian Forces air base in Canada and is responsible for all international deployments of Canadian Forces personnel.
- The assignment required working efficiently within a very high security environment

The Canadian Forces' largest
and busiest air base implements
Zycom Technology storage solution
at the heart of its Disaster
Avoidance System



ZYCOM CORE COMPETENCIES ON THIS PROJECT:

- Systems analysis
- Asset management
- Hardware & network installation
- Application testing and support
- Training
- Project Management

FEATURED TECHNOLOGY PARTNERS:

HP, Nortel and Cisco

OUR SOLUTION:

- **Provide consulting** for enterprise storage, back-up and network design (storage area network)
- **Develop and deploy** rack-mounted datacentre server and Storage Area Network solution
- **Provide comprehensive training** to new IT operators and deliver post-installation support
- **Deploy a multi-location** datacentre approach to fulfill disaster tolerance requirements
- **Upgrade** existing network infrastructure