ABSTRACT

Technologies Of

Operating System Virtualization and Storage Area Networks: To Change A Company's

I.T. Operations To Meet Organizational Goals

(Case Study)

Dion White

Within organizations, IT departments need to deliver quality service to its customers. However they face many challenges: Inadequate cost budgets, hardware resources, high operational work demands, changing business requirements, short software and hardware life cycles and minimum staffing.
Within the IT industry there is a great trend towards using virtualization technologies to leverage resources.
This project investigates existing technologies for creating virtualization of storage and CPU resources in a case study business company infrastructure.
The proposed case study company is Phoenix Park Gas Processors Limited.

Keywords: Dion White; Virtualization; Virtual Machine; Virtual Server; Storage Area Networks.