



#### **Network Infrastucture**

Network Installation, Network Monitoring, Switch Installation

## Mid Range & Enterprise Storage

Storage Installation, Storage Setup & Configuration

## Mid Range & Enterprise Server

Server Installation, Server Setup & Configuration

#### **Data Center And Office Solution**

Build Data Center, Including The Supporting System, Such As: UPS, CCTV, IPTV, IP Telephony, IP Phone, Custom Software & Aplication Fire Alarm, Raise Floor, Access Door, Power Cabling and Panel and Also Customer Office Requirement, Such As: PC, Thin Client, Laptop, Printer, Etc.



# PROFESSIONAL IT SOLUTION

We provides computer consulting services and hardware installation/support. We have the expertise to implement any size client/server-based network, and managing network problems such as problems accessing workstations, losing data due to viruses or even intermittent internet connectivity problems.



For organization which don't have the benefit of an IT department to maintain a complex IT infrastructure and we will be your full service IT partner, managing your network and servers for you. Our streamlined maintenance programs will keep your network up and your IT costs fixed and predictable. We will work with your existing infrastructure to develop a custom strategy that goes beyond just keeping you up and running. We go beyond offering IT services and leading-edge hardware and software solutions. We get to know your business and create specific IT strategies. The results? You get advanced IT solutions that work for your business.



## **Network Infrastucture**

Network Installation, Network Monitoring, Switch Installation

Network infrastructure refers to the hardware and software resources of an entire network that enable network connectivity, communication, operations and management of an enterprise network.

Network infrastructure provides the communication path and services between users, processes, applications, services and external networks/the Internet.

Network infrastructure is typically part of the IT infrastructure found in most enterprise IT environments. The entire network infrastructure is interconnected, and can be used for internal communications, external communications or both. A typical network infrastructure includes:

## **Networking Hardware:**

- □ Routers
- □ Switches
   □
- ≥ LAN cards
- ∠ Wireless routers
- ∠ Cables

## **Networking Software:**

- Network operations and management
- □ Operating systems
- ∠ Firewall
- ☑ Network security applications

#### **Network Services:**

- ⊿ T-1 Line
- y DSL
- Satellite
   Satelli
- ∠ Wireless protocols
- □ IP addressing



## Mid Range & Enterprise Storage

## Storage Installation, Storage Setup & Configuration

Is there a precise storage definition or rather categorization of what is

High End
Disks or Entreprise, Mid Range Disks, Entry Disks Systems?

Question is more and more often asked by customers, due to the fact
that smart functionalites used to be present in those storage
subsystems that used to be classified as Enterprise Systems/High
End Systems are more and more available in those used to be
classified as Mid Range and Entry Systems.

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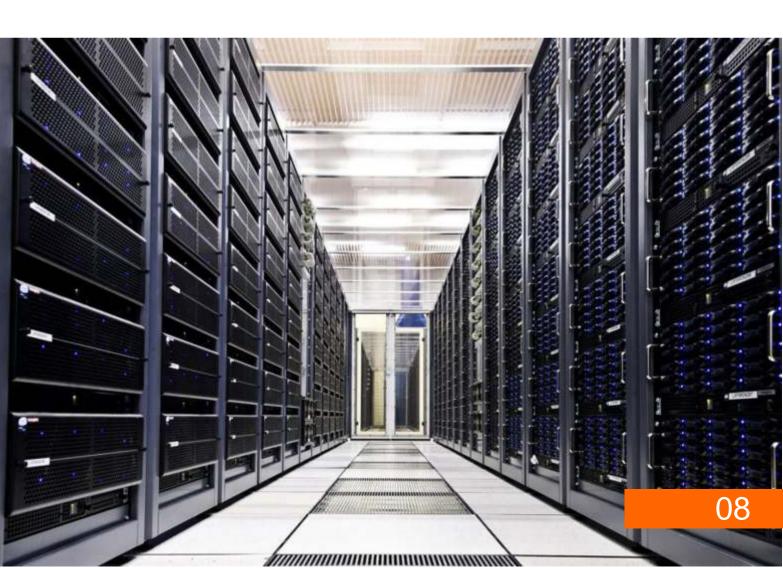
In the past, there used to be huge differences in function between these categories but today that is less and less the case. More and more, the differences between entry, midrange, and enterprise storage revolve around things like smallest size, scalability, performance. Broadly speaking, Entry, Midrange, and Enterprise are all relative statements.

Today some storage products use exactly the same binary I/O code used in other storage box that used to be classified in High End or Enterprise family.

Hence, We don't think we should be talking about 'entry' 'mid' or 'enterprise' and I don't think that any customer likes being classified into one of those categories, just because of the budget client have.

When we talk about storage subsystem it is just a matter of how much you have to spend, and how big you want your single box to grow in term of disk space and performance.

In the disk system industry vendors, customers, and analysts all struggle to position disk systems relative to each other in broad categories whether those systems are in the same vendor portfolio or in competing portfolios. Our brains like to classify things because then we can talk about the classes and not talk only about specific things. However, the current state-of-the-industry is such that actual products overlap in many attributes and, if history continues, what many today consider to be high-end systems will look a lot like tomorrow's midrange systems and today's midrange systems will look a lot like tomorrow's entry systems.



# Mid Range & Enterprise Server

Server Installation, Server Setup & Configuration

## Mid Range Server

Midrange systems are primarily high-end network servers and other types of servers that can handle the large-scale processing of many business applications. Although not as powerful as mainframe computers, they are less costly to buy, operate, and maintain than mainframe systems and thus meet the computing needs of many organizations. Midrange systems have become popular as powerful network servers to help manage large Internet Web sites, corporate intranets and extranets, and other networks. Today, midrange systems include servers used in industrial process-control and manufacturing plants and play major roles in computer-aided manufacturing (CAM). They can also take the form of powerful technical workstations for computer-aided design (CAD) and other computation and graphics-intensive applications. Midrange system are also used as front-end servers to assist mainframe computers in telecommunications processing and network management.

An enterprise server is a computer server that includes programs required to collectively serve the requirements of an enterprise instead of an individual user, unit or specific application. Traditionally, mainframe-sized computer systems were used as enterprise servers, although they weren't initially referred to as such. Due to their ability to manage enterprise-wide programs, UNIX-based servers as well as Wintel computers are also generally labeled enterprise servers. Some examples of enterprise servers include Sun Microsystems' servers with Linux or UNIX-based Solaris systems, IBM iSeries systems, Hewlett-Packard (HP) systems, and so on.

## **Enterprise Server**

Despite the fact that servers are made from commodity computer components, mission-critical enterprise servers are generally fault tolerant and make use of customized hardware and software with low failure rates to maximize server uptime.

An enterprise server provides consolidated connections, a choice of broadcast, TCP/IP or multicast, as well as user-defined tools for conflation and hibernation, resulting in improved network and desktop performance.

The key features of an enterprise server include:

Sensible Data Conflation and Hibernation: This leads to a decrease in desktop and network traffic by around 75 percent when compared with conventional data delivery methods

Connectivity: Supports managed network, private circuit, or Internet connections among redundant data centers and the main and remote sites.

Flexible Topology: Facilitates streaming data connections by means of UDP broadcast, TCP/IP and IP multicast technologies. This minimizes bandwidth demands and ensures compatibility with network policies.

IT Productivity: Allows organizations to make the most of limited IT resources

Manageability: Creates better control and manageability over devices Enhanced Security Features: Better security ensures data integrity and confidentiality

Fault Tolerance: Enhanced fault tolerance results in maximum reliability

**Productivity**: Results in increased user productivity



## Data Center and Office Solution

Transform to Better Perform is a global knowledge transfer initiative developed by the Business Performance Innovation Network in partnership with Dimension Data. It is dedicated to helping business leaders, IT organisations, data professionals and technology providers explore the transformation of the data centre into cloud-based environments that meet today's business needs.



If you're looking for solutions that will help contain complexity and cost while boosting efficiency and productivity, the data centre is the ideal place to start. Let us help you evolve and optimise your data centre environment.

Dimension Data will work with you to deliver an efficient and agile data centre infrastructure; one that enables you to deliver business services that are more automated and responsive than ever.

Our solutions cover the following areas:

## Build Data Center Including The Supporting System

**UPS** 

CCTV

**IPTV** 

**IP Telephony** 

IP Phone

**Custom Software** 

Aplication Fire Alarm

Raise Floor

**Access Door** 

Power Cabling and Panel

## Also Customer Office Requirement:

PC

Thin Client

Laptop

Printer

Etc.



















**BPPN** 

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