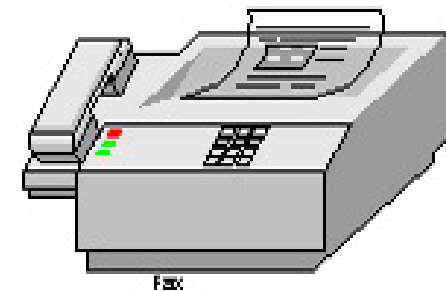
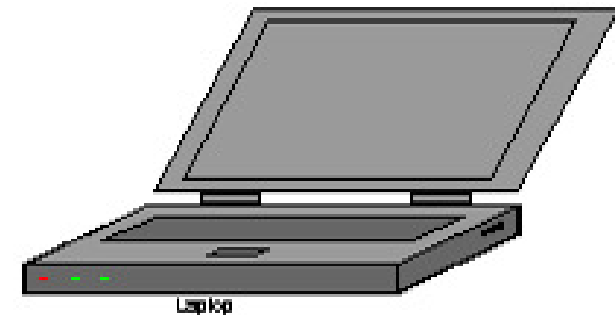
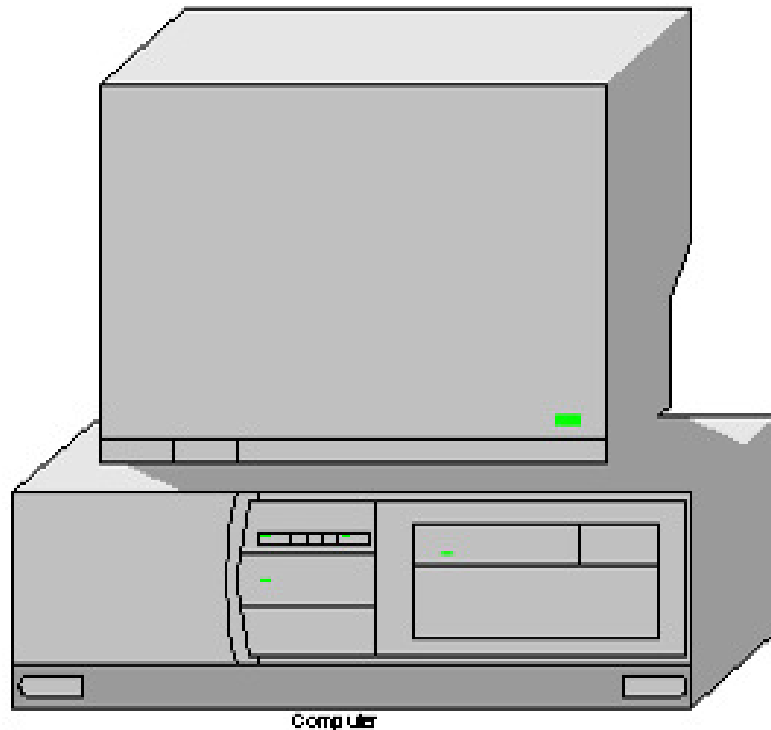


MRS - The Next Generation



Cargo Information - However you want it, wherever you want it.

Components

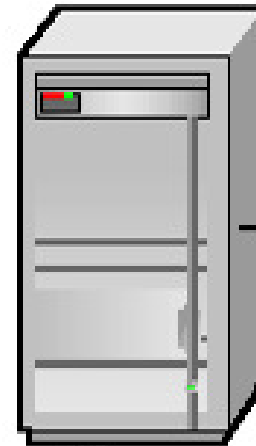
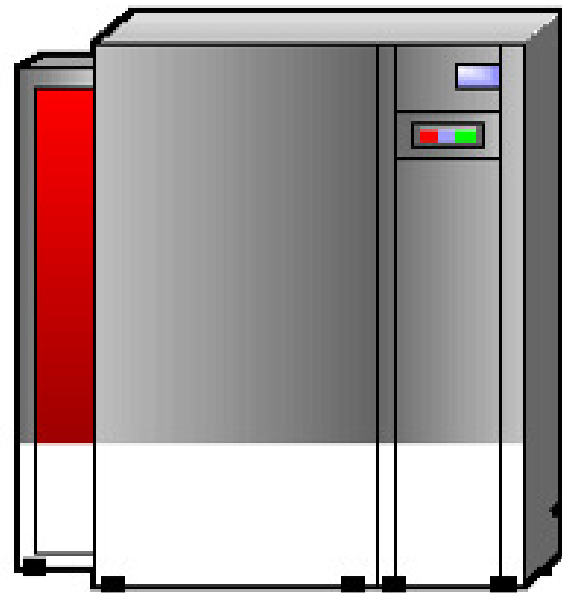
- **Air Cargo System**
- **Oracle database (Cargo Repository)**
- **Information Server**

Cargo Repository Structure

- **Oracle 8 Database located in ATL**
- **After agreement the Air Cargo System can now be linked to the database**
- **When the Cargo System is updated the data is transmitted automatically**

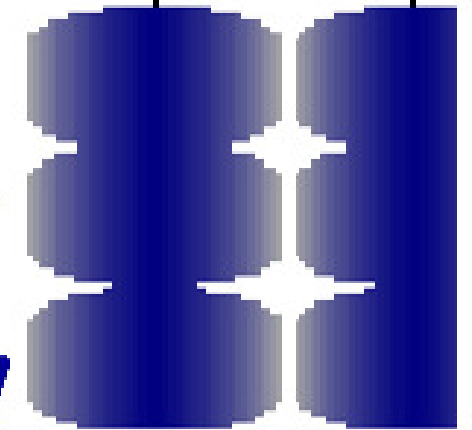


QIF Cargo System



Atlanta, USA

***ORACLE
Database***



IBM MQ series and TCP/IP communications

Transmitted Data

- **Air waybill**
(latest data stored)
- **Flight record**
(CFR capacity, aircraft changes and flight release)
- **Manifest**
(last copy of the manifest)

Connectivity Options

- **ISNet**
- **Internet/Web Browser**
- **FAX/E-mail**

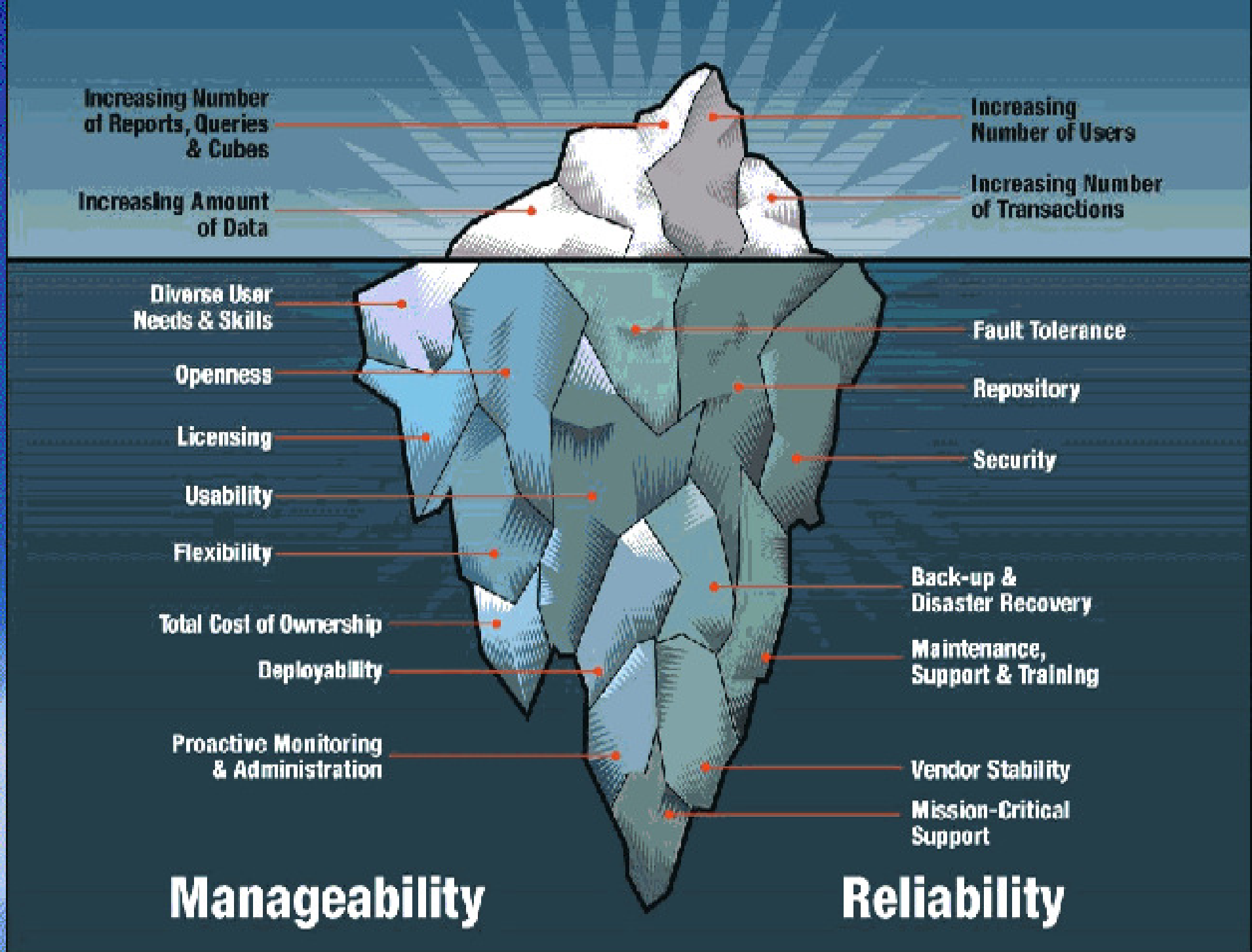


Design Improvements

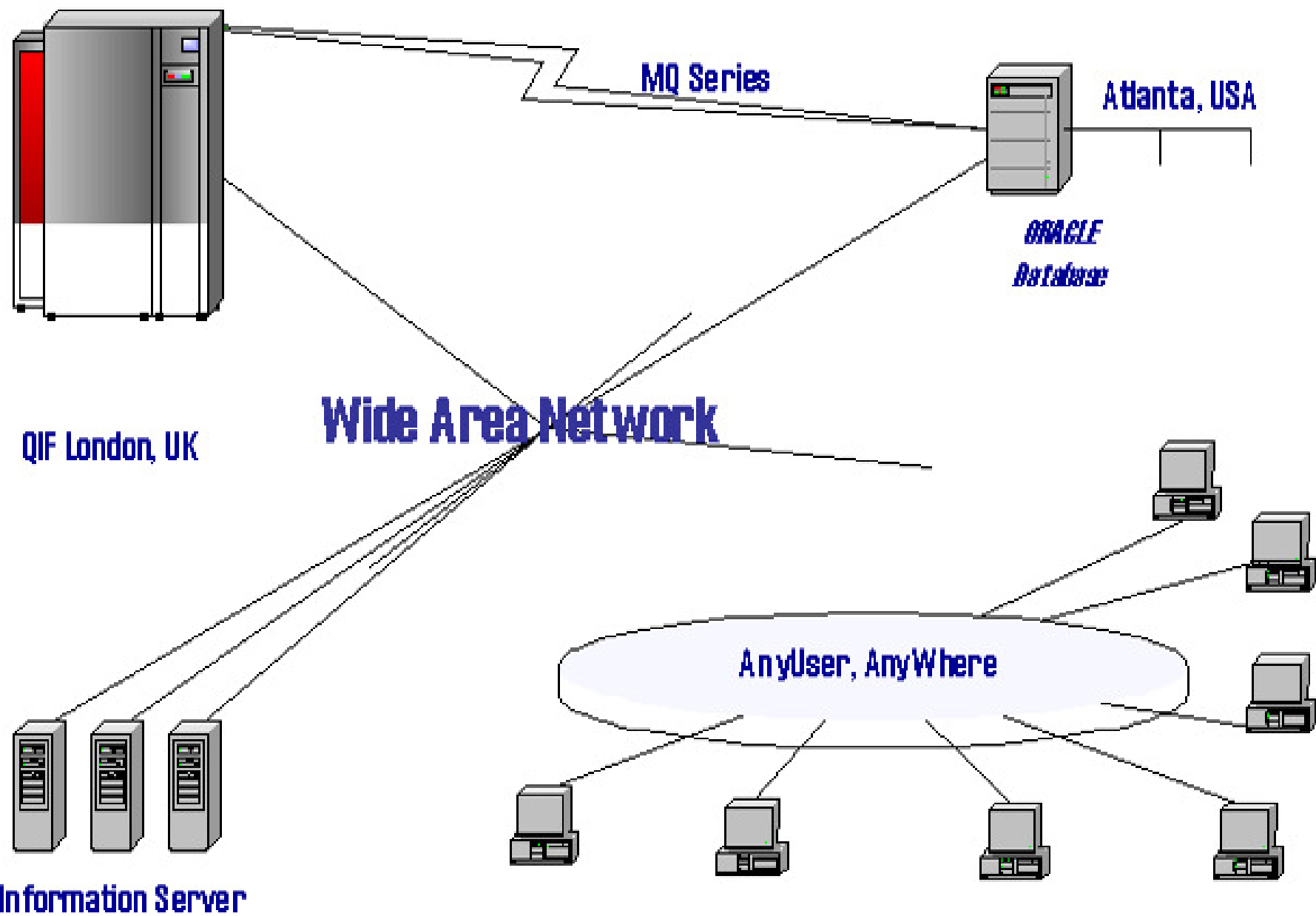
- Reliability of Communications
- No Downloads
- No Diskspace Constraints
- No Database Administration
- No Archiving
- Data Complexity Handled at Back End
- Reports Delivered to User Desktops



10 % of an iceberg is what you see, the rest is underwater



The New Structure



Information Delivery

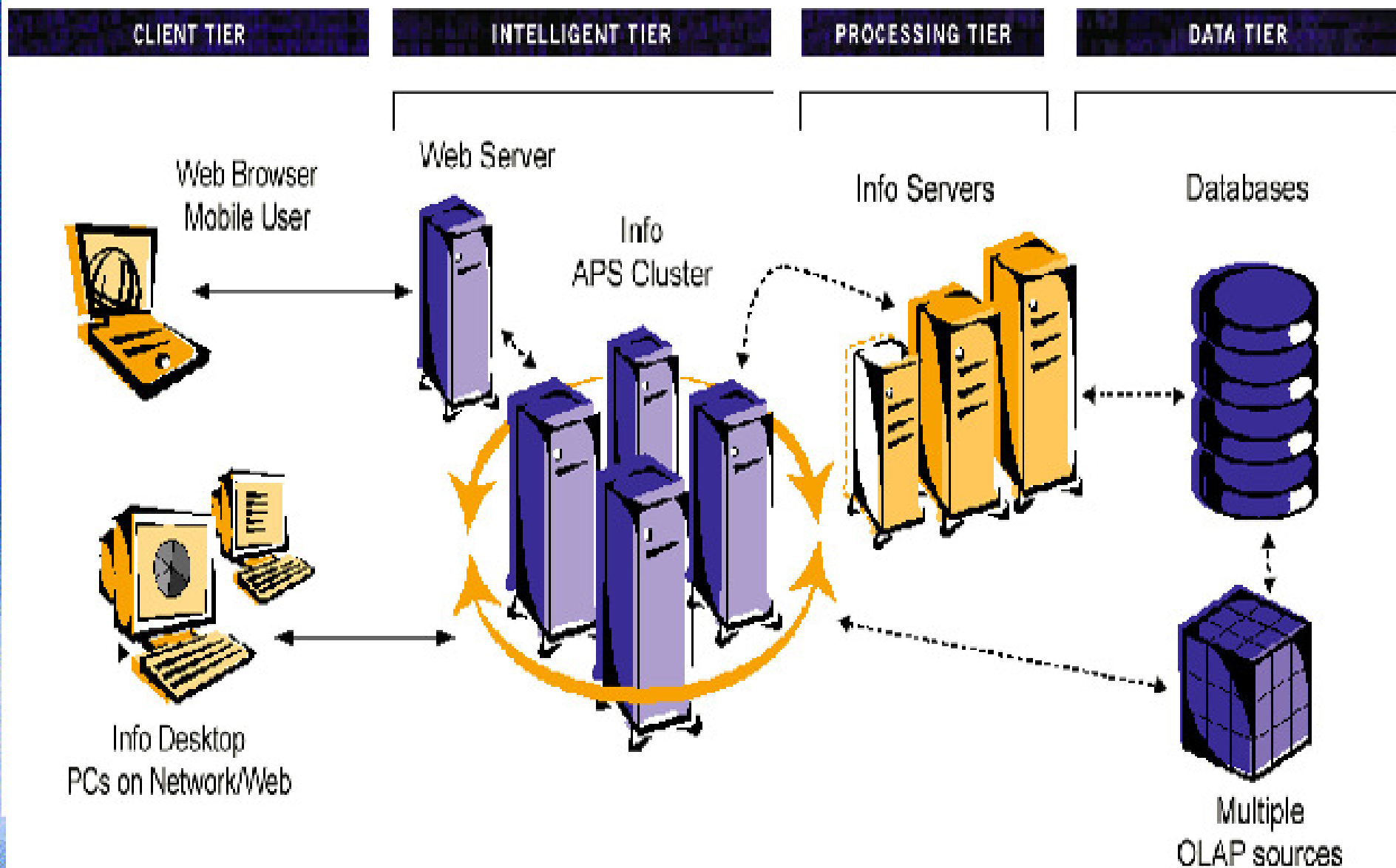
Client Tier

Intelligent Tier

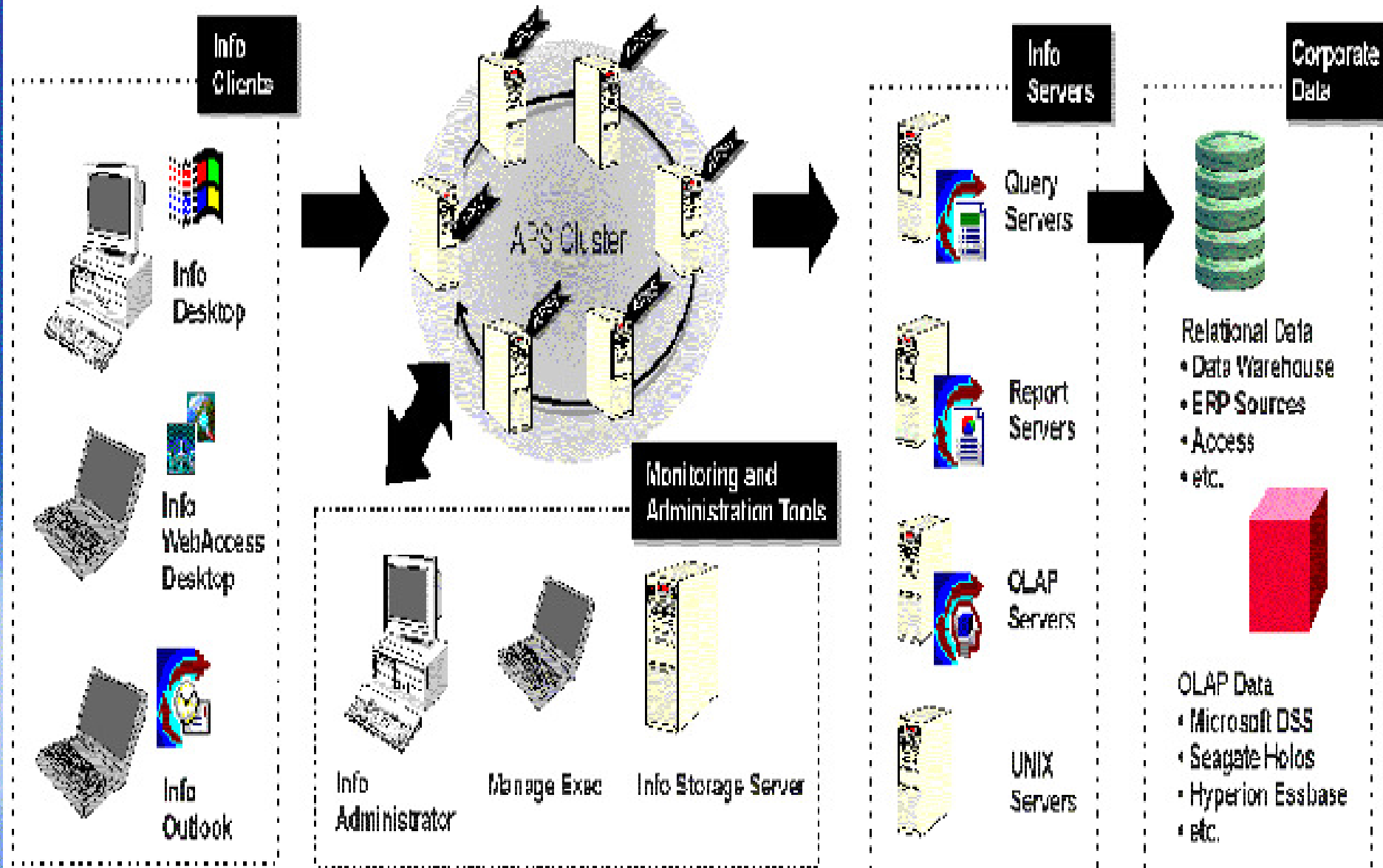
Processing Tier

Data Tier

Information Delivery



A Detailed View



Virtual Architecture

Data and Information
Request Processing

Other Data Sources

Client Side
Information Requests

Virtual Architecture

