

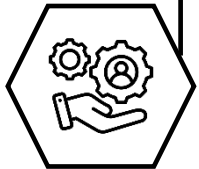
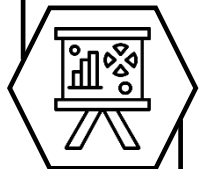


præsignis
Connecting data, people, and the cloud.



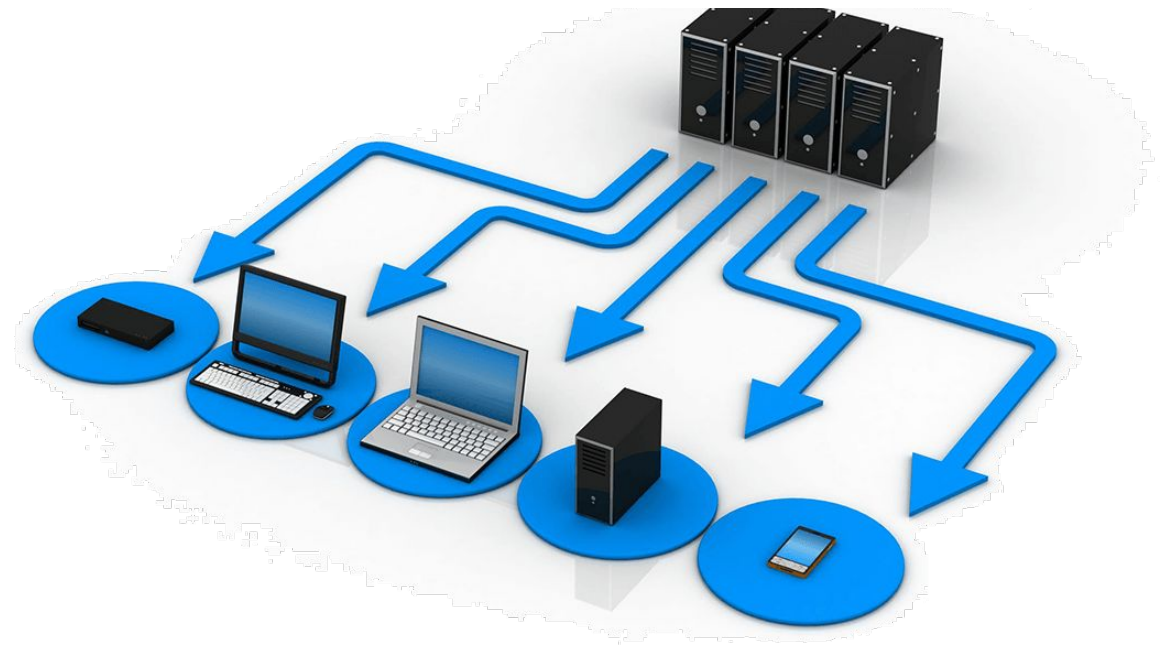
praesignis

IT Fundamentals – Cheat Sheets



What is IT Infrastructure?

- ✓ The combination of hardware, software, network connectivity and human resources that allow an organisation to deliver information technology services to people within organisations.





praesignis

Components that make up IT Infrastructure

- Hardware
- Software
- Network connectivity
- Human Resources





praesignis

Hardware

Physical components that make up a computer system.

CPU, memory, motherboard, network card, etc





praesignis

Software

The programs used to direct the operation of a computer, as well as documentation giving instructions on how to use them:

- ✓ System Software – Microsoft Windows XP, Linux, Mac OS, etc.
- ✓ Application Software – Microsoft Office, Anti Virus, etc
- ✓ Programming Software – Mozilla FireFox, Microsoft Visual Studio, etc



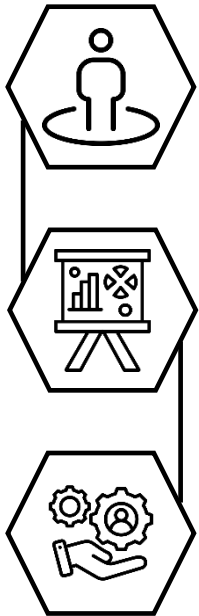


praesignis

Network Connectivity

Generic term for connecting devices to each other to transfer data back and forth.

- ✓ Networking hubs, switches, routers, bridges, etc.



Modem



NIC



Repeater



Hub



Switch



Router



Bridge



Gateway

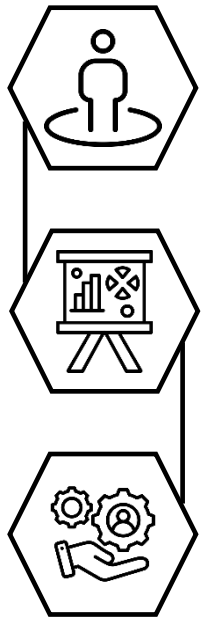


praesignis

Human Resources

Refers to people in charge of all the other parts of IT infrastructure. They look at an organisation's needs and determine what hardware, and software will do the job. They can either buy an existing solution or develop a solution from scratch.

- ✓ Developers, system administrators, network administrators, etc.





praesignis



Every one of these components in an IT infrastructure depends on another. An organisation needs hardware, software, and networking to function, and the other components are useless without a human to buy them, configure them and keep them running smoothly.

CONNECT WITH US



- ▷ www.praesignis.com
- ▷ +27 11 0226812
- ▷ info@praesignis.com
- ▷ 345 Republic Road,
Darrenwood, Randburg,
South Africa



Thank You



præsignis