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TCP/IP

Course Code	TCP
Pre-requisites	Technical telecommunication background
Module Description	TCP/IP is a protocol that the Internet communication is based on and is steadily digressing into the telecommunication environment.
Target Audience	Operational and planning staff in the IT, switching and radio domain
Objectives	Designed to benefit those needing to understand the principles of the TCP/IP Protocol Suite, its mode of operation in data networks and the convergence of voice and data through TCP/IP
Contents	<ol style="list-style-type: none"> 1. Internet Architecture <ul style="list-style-type: none"> • What is TCP/IP and the world wide web (www) ? 2. RFCs and TCP/IP 3. Physical and Link Layer Interfaces <ul style="list-style-type: none"> • Ethernet, Frame Relay and ATM 4. Internet Layer Protocols <ul style="list-style-type: none"> • IP and IP Addressing, ARP and Datagram Forwarding, Classless Inter-Domain Routing, ICMP, RARP, IPv6, IP or ATM Switching. • Transport Layer Protocols • UDP • A Connectionless Operation, TCP Operation, Flow Control, Reliable Data Delivery 5. Application and Management Protocols 6. Voice over IP 7. TCP/IP in Fixed and Mobile Networks
Next Module	<u>Voice over IP</u>
Capacity	Maximum: 16 students Minimum: 8 students
Duration	2 Days

Our training division has specialist trainers and courses focused on the Telecommunication Industry and the associated test equipment supplied by Coral-I Solutions. Our growing customer base includes the Telecommunication Corporate Companies locally and internationally such as MTN, Vodacom, Telkom, BTS, Econet, SchlemburgerSema and AT&T.