

CMT-08-048

CMA3000 Operator & Ethernet Technology

Training Course

1 DAY DURATION - DESIGNED FOR ALL SKILL LEVELS

“Telecommunications training that provides knowledge plus experience.”



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the art of measurement



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COURSE OVERVIEW

Designed for technical field staff that need to commission customer access Ethernet networks, this course provides attendees with a detailed technical and practical overview of Ethernet service delivery. Attendees will be introduced to the basics of Ethernet, service delivery structures and commissioning processes needed to validate performance using the CMA3000.

10 -15 people per course.

Training available throughout Australia.

COURSE OUTLINE

CMT-08-048-A

Ethernet Technology Refresher

1. Network Topologies
2. Reference to OSI Model
3. Ethernet Addressing and Frames
4. Transmission Modes and Auto-negotiation
5. VLAN
6. IPv4 and IPv6 Addresses

CMT-08-048-B

CMA3000 Setup and Applications

1. Basic Instrument Overview
2. Remote Access using FrontSim
3. Ethernet Interface Setup
4. Various Test Applications including:
 - RFC2544 – Throughput, Latency, Frame Loss and Burst
 - Ping
 - IP Channel
 - Trace route
 - Cable Test
5. Misc:
 - Stored Measurements
 - Results
 - System Setup

CMT-08-048-C

Software Download and Installation

1. Software download process
2. Software installation

COURSE INFORMATION

Course locations: Melbourne, Adelaide, Sydney, Hobart, Canberra, Cairns, Brisbane, Darwin & Perth.

Course times: 9am to 4.30pm

Duration: One Day

Training is available Australia-wide.
Please contact Celemetrix for details.

Included: Instructor, data projector, CMA3000 for practical demonstrations and hardcopy course manual for each attendee.

INDUSTRY PROBLEM

- The telecommunication industry has seen a decline of the transfer of skills from experienced technical personnel to new personnel.
- Knowledge transfer to complete projects to the required quality/time standards has become increasingly scarce.

CELEMETRIX SOLUTION

- Training programs are designed to protect against poor quality network builds, which result in costly rework and service interruptions.
- Emphasis on the importance of maintaining standardised installation and commissioning practices.
- Skill in the transference of knowledge is what we believe to be the "art of training".
- Unlike other training organisations which focus primarily on technology - Celemetrix Training Services are structured toward Field Operations staff. Technology theory is combined with practical elements to reinforce the learning process.
- Specifically designed training manuals, enhanced practical exercises and technical phone support ensure your investment delivers increased levels of productivity and confidence.

All our training courses can be customised to meet your individual requirements.

All our trainers are qualified with Cert IV Assessment and Workplace Training from Corporate Training Australia.

FURTHER INFORMATION

Call or email Celemetrix today, our courses result in the highest knowledge transfer and are Telstra Certified.



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