Cisco MC3810 Equipment Checklist

Customer _____ PO#/Sale Order #_____

Chassis Location or ID _____

- **Complete one checklist for each chassis**
- Leave blocks blank if not used or not applicable
- No entries are required in shaded blocks
- Please retain a copy of this checklist for your records

The Cisco MC3810 can either be configured for analog voice or multiplexed digital voice. These functions are supplied by equipping the MC3810 with either an analog voice module (AVM) or a digital voice module (DVM). Questions are presented for both network interfaces, however only the applicable section needs to be completed.

Equipment checklist

Network Interfaces

The Cisco MC3810 has up to six analog voice ports with the Analog Voice Module (AVM). These ports may be equipped for FXS, FXO or E&M in various combinations by installing specific signaling modules known as analog personality modules. The personality modules are:

- FXS – Typical station interface connecting to phones or fax machines; provides batter y to support CO (Central Office) type connections to PBX trunk lines.

- FXO – Typical Central Office interface connecting to loop start/ground start CO trunks or to the station side of a PBX.

- E&M – Trunk interface that supports software configuration of type 1 through 5 E&M signaling.

The analog voice ports use an RJ-11 connector interface for FXS and FXO and an RJ-45 connector for E&M.

MC3810	Equipment Type	Port or Module	Detail	Your Site Information
Analog Voice	Analog voice module	AVM	One required	Qty:
	Voice compression module	VCM6	One required	Qty:
	Analog voice port	FXS APM	Qty: 0 to 6	Qty:
		FXO APM	Qty: 0 to 6	Qty:
		E&M APM	Qty: 0 to 6	Qty:

The Cisco MC3810 has a digital voice port that can interface with a digital PBX, keyset phone, or channel bank to support up to 24 digital voice channels through one RJ-48 connector. The Digital voice module (DVM) provides for up to 24 multiplexed digital phone lines with signaling types of FXS, FXO, E&M, and CAS(Mercury) supported on a per-channel basis. A Voice compression module (VCM6) is required for each 6 or 12 voice channels, depending on the voice compression coding algorithmused. A Digital voice module (DVM) provides the capability to interconnect a T1/E1 trunk to a PBX.

MC3810	Equipment Type	Port or Module	Detail	Your Site Information
Digital Voice	Digital voice module	DVM	One required	Qty:
	Voice compression module	VCM6	One required	Qty:
	Digital voice port	T1/E1 PBX	One required	Qty:
			Two required	Qty:
			One required	Qty:

An Ethernet 10BaseT interface is standard on all MC3810 concentrators. The Ethernet port uses a single RJ-45 connector.

MC3810	Equipment Type	Port or Module	Detail	Your Site Information
LAN ports		Ethernet 0	Required	IP address:
			Required	Subnet:

The Cisco MC3810 has an optional T1/E1 interface, a multi-flex trunk (MFT) module which has a built-in CSU-DSU (channel service unit/data service unit) for connection to a service provider's network interface.

MC3810	Equipment Type	Port or Module	Detail	Your Site Information
MFT ports		MFT	Optional	Qty:

All Cisco MC3810 concentrators have two synchronous serial ports that support the following protocols: EIA/TIA-232 (RS-232), EIA/TIA-449, V.35, X.21 (NRZ/NRZI. and DTE/DCE mode), and EIA-530 (NRZ/NRZI. and DTE/DCE mode).

MC3810	Equipment Type	Port or Module	Detail	Your Site Information
Serial Ports		Serial 0	IP address:	
			Subnet	
			Clock rate:	
			Encapsulation type:	(Frame Relay / HDLC)
		Serial 0	IP address:	
			Subnet:	
			Clock rate:	
			Encapsulation type:	(Frame Relay / HDLC)
		Serial 0.1	Type:	Point-to-Point/Multipoint
			IP address:	
			Subnet:	
			LMI type:	
			DLCI:	
		Serial 1.1	Type:	Point-to-Point/Multipoint
			IP address:	
			Subnet:	
			LMI type:	
			DLCI:	
If MFT is NOT present, skip these questions:				
		Serial 2 (MFT)	Is MFT present?	Yes / No
			IP address	
			Subnet	
			Clock rate	
			Trunk rate	T1 / E1
			Clock source	Internal / Line
			Cable length	
			Framing	SF / ESF
			Line code	AMI / B8ZS / HDB3
			No. of DS0 channels	1-24
			DS0 Speed	56 / 64
			Encapsulation type	Frame Relay / HDLC / ATM
		If Frame Relay	LMI type	Point-to-Point/Multipoint