



**DCB, Inc.**  
**2949 CR 1000 E**  
**Dewey, Illinois**  
**61840**

217.897.6600 Tel  
 800.432.2638 Toll Free  
 217.897.1331 Fax  
 www.dcbnet.com

### AM3440 Terminal Server to Remote Router Card Example



Telnet Client PC  
 IP 205.166.54.194  
 GW 205.166.54.227

AM3440A  
 LAN IP 205.166.54.227  
 SM 255.255.255.0  
 WAN1 10.0.0.1  
 SM 255.255.255.252  
 WAN2 10.0.0.5  
 SM 255.255.255.252  
 T1 Port 1, Slot 1, DS0 1&2

AM3440D  
 DTE1 & WAN1  
 IP Addr 10.0.0.2  
 SM 255.255.255.252  
 DET2 & WAN2  
 IP Addr 10.0.0.6  
 SM 255.255.255.252  
 T1 Port A, DS0 1&2

#### PC and AM3440 end configuration for Router and DS-0 Mapping LAN card

```
SLOT B RTR LAN/WAN === Port System(LAN1-WAN16) Setup === 17:09:10 06/23/2011
ARROW KEYS: CURSOR MOVE, Please Input: nnn.nnn.nnn.nnn, BACKSPACE to edit
```

NI	IPAddress	SubnetMask	Frame	RIP_I	RIP_II	Mode
LAN1	205.166.054.227	255.255.255.000	ETHERNET	DISABLE	ENABLE	ROUTE
LAN2	000.000.000.000	000.000.000.000	ETHERNET	DISABLE	DISABLE	ROUTE
WAN1	010.000.000.001	255.255.255.252	HDLC	DISABLE	ENABLE	ROUTE
WAN2	010.000.000.005	255.255.255.252	HDLC	DISABLE	ENABLE	ROUTE
WAN3	000.000.000.000	000.000.000.000	HDLC	DISABLE	DISABLE	ROUTE

```
SLOT B RTR LAN/WAN === Port DS0 MAP Setup === 17:09:46 06/23/2011
ARROW KEYS: CURSOR MOVE, TAB: ROLL OPTIONS
```

TimeSlot	WANPort	TimeSlot	WANPort
TS1	: WAN1	TS17	: Idle
TS2	: WAN2	TS18	: Idle
TS3	: Idle	TS19	: Idle
TS4	: Idle	TS20	: Idle

#### DS-0 Time Slot Mapping

```
LOOP AM3440-A === System Configuration (Map) === 17:10:07 06/23/2011
ARROW KEYS: CURSOR MOVE, TAB: ROLL OPTIONS
```

Map Number:MAP\_1

Slot Number:	B	RTR	PO/TS	D	SL/PO	TS	PO/TS	D	SL/PO	TS
Port Number:			=====		=====		=====		=====	
			1	d	1	1	1	d		
			2	d	1	2	18	d		
			3	d			19	d		



**DCB, Inc.**  
**2949 CR 1000 E**  
**Dewey, Illinois**  
**61840**

217.897.6600 Tel  
 800.432.2638 Toll Free  
 217.897.1331 Fax  
 www.dcbnet.com

**Terminal Server Port System Setup – DTE1 and DTE2 configured.**

```
SLOT K TS          === Port System(DTE1-WAN15) Setup === 17:22:24 06/23/2011
ARROW KEYS: CURSOR MOVE, Please Input: nnn.nnn.nnn.nnn, BACKSPACE to edit

NI      IPAddress      SubnetMask      Frame      RIP_I  RIP_II  Mode
DTE1    010.000.000.002 255.255.255.252 RAW/ASYNC  DISABLE DISABLE ROUTE
DTE2    010.000.000.006 255.255.255.252 RAW/ASYNC  DISABLE DISABLE ROUTE
DTE3    000.000.000.000 000.000.000.000 RAW/ASYNC  DISABLE DISABLE ROUTE
WAN1    010.000.000.002 255.255.255.252 HDLC      DISABLE ENABLE ROUTE
WAN2    010.000.000.006 255.255.255.252 HDLC      DISABLE ENABLE ROUTE
```

**Port DTE Setup for DTE1 and DTE2 – In Server mode, nothing needs to be setup**

```
SLOT K TS          === Port DTE Setup === 17:22:47 06/23/2011
ARROW KEYS: CURSOR MOVE, TAB: ROLL OPTIONS

NI      Frame      Speed  DataBits  StopBits  Parity  Destination IP  Mode
DTE1    RAW/ASYNC  38400  8-Bits   1-Bit    NONE    000.000.000.000  Server
        000.000.000.000
        000.000.000.000
        000.000.000.000
        000.000.000.000
DTE2    RAW/ASYNC  38400  8-Bits   1-Bit    NONE    000.000.000.000  Server
        000.000.000.000
        000.000.000.000
        000.000.000.000
        000.000.000.000
```

**Terminal Server WAN port to Time Slot Mapping**

```
SLOT K TS          === Port DS0 MAP Setup === 17:23:14 06/23/2011
ARROW KEYS: CURSOR MOVE, TAB: ROLL OPTIONS

TimeSlot WANPort      TimeSlot WANPort
TS1 : WAN1             TS17 : Idle
TS2 : WAN2             TS18 : Idle
TS3 : Idle             TS19 : Idle
```

**DS-0 Time Slot Mapping**

```
LOOP AM3440-D      === System Configuration (Map) === 17:23:59 06/23/2011
ARROW KEYS: CURSOR MOVE, TAB: ROLL OPTIONS
Map Number:MAP_1

Slot Number: K      TS          PO/TS D SL/PO TS          PO/TS D SL/PO TS
Port Number:        =====
                   1 d A      1          17 d
                   2 d A      2          18 d
                   3 d          19 d
                   4 d          20 d
```