Trinity Feature: Sync Serial Configuration

Reference Guide Appendix

Sales Office: **+1 (301) 975-1000**
Technical Support: **+1 (301) 975-1007**
E-mail: **support@patton.com**
WWW: **www.patton.com**

Part Number: **07MTRINSERIAL-APD, Rev. B**
Revised: **February 24, 2012**

Patton Electronics Company, Inc.
7622 Rickenbacker Drive
Gaithersburg, MD 20879 USA
tel: +1 (301) 975-1000
fax: +1 (301) 869-9293
support: +1 (301) 975-1007
web: www.patton.com
e-mail: support@patton.com

Copyright
Copyright © 2012, Patton Electronics Company. All rights reserved.

Notice
The information in this document is subject to change without notice. Patton Electronics assumes no liability for errors that may appear in this document.

The software described in this document is furnished under a license and may be used or copied only in accordance with the terms of such license.

Appendix Sync Serial Configuration

Chapter contents

Overview 4
Configuration Overview 4
Web Management Interface (WMI) 5
Command Line Interface (CLI) 6

Overview

This chapter describes how to configure the sync serial interface on 3034/3038 models. The sync-serial interface provides a V.35 or X.21 interface depending on the hardware configuration.

> **Note** The menu, commands, and features for your model may vary slightly from what is shown in this manual. Some models may not include all of the features mentioned. Refer to the model's *User Manual*, available online at **www.patton.com/manuals**, to see which features are available.

Configuration Overview

When using two 3038s as statistical multiplexers, the sync serial interface (labeled *Composite* on the unit–V.35 or X.21) allows connectivity across a WAN link.

To configure sync serial settings through the WMI,
see the section "Web Management Interface (WMI)" on page 5.

To configure sync serial settings through the CLI,
see the section "Command Line Interface (CLI)" on page 6.

Web Management Interface (WMI)

To access the statistical multiplexer main page, click on **Interface Configuration > Sync Serial** from the menu on the left of the screen.

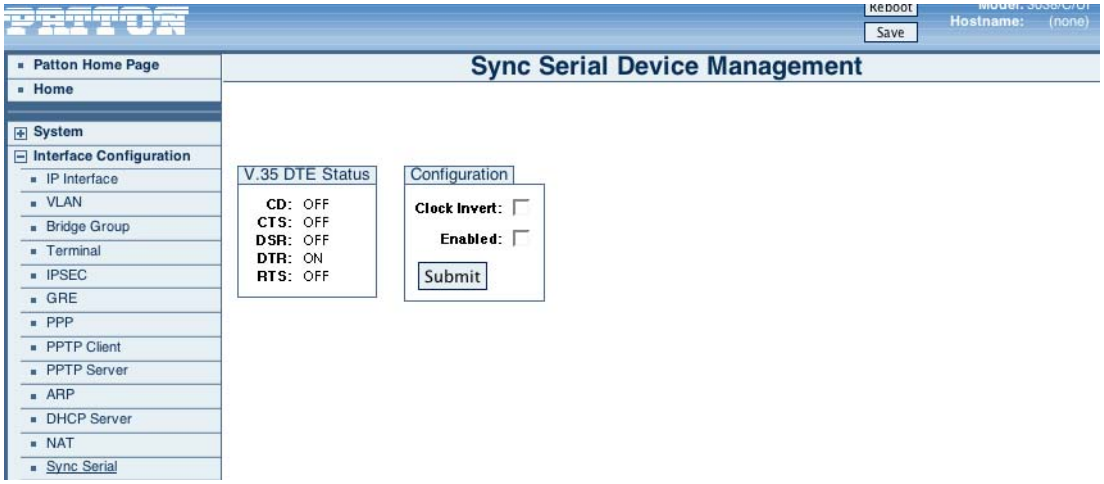

Figure 1. Sync Serial Device Management page

The **Sync Serial Device Management** main page displays the current state of the sync serial port (V.35 or X.21). You can also select to invert the clock signal and enable/disable the port. Click **Submit** to save your settings.

Command Line Interface (CLI)

Table 1. Stat Mux- CLI Commands

Step	Explanation
configure controller sync-serial	Enter the sync-serial interface configuration mode.
clock	Set the parameters.
clock invert	Invert the clock signal.
clock rate <4K-7168K>	Set the generated clock sample rate in the range from 4K to 7168K (DCE interface only).
[no] shutdown	Enable or disable the sync-serial interface.
status	Display the status and configuration of the sync-serial interface.
show controller sync-serial	Display the status and configuration of the sync-serial interface.

Example – show controller sync-serial command:

```
V.35 DTE Serial Device Status
CD:             OFF
CTS:            OFF
DSR:            OFF
DTR:            ON
RTS:            OFF
Clock Invert:   False
Enabled:        False
```