Symmetricom®

TT&M Division

ISO 9001 Registered

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CERTIFICATE OF VOLATILITY

Date: 4/23/08

Model Numbers: S300 and S350

Model Description: SyncServer, Network Time Server (Models S300, S350)

This document describes volatile and non-volatile storage media:

Memory Size	Memory Type	Volatile/Non-Volatile	User Data	Location
512MB	RAM	Volatile	Yes	ETX Module
Function: Application space during operation.				
Clearing: Power down.				
512KB	Flash	Non-Volatile	No	ETX Module
Function: BIOS for x86 computer				
Clearing: N/A (Contains no User data)				
512MB	Compact Flash	Non-Volatile Storage	Yes	J3
Function: Contains operating system				
Clearing: Reset Factory Defaults via Web interface /per User manual. (See below for additional information).				
512MB	Compact Flash	Non-Volatile Storage	No	J4
Function: Unused bulk storage for future applications.				
Clearing: N/A (Contains no User data)				
1Kb	SEEPROM	Non-Volatile	No	U34
Function: Used at power-on to initialize registers. Not written during operation.				
Clearing: N/A (Contains no User data)				
1Kb	SEEPROM	Non-Volatile	No	U36
Function: Used at power-on to initialize registers. Not written during operation.				
Clearing: N/A (Contains no User data)				
1Kb	SEEPROM	Non-Volatile	No	U40
Function: Used at power-on to initialize registers. Used to store Model Number, Serial Number, etc. Written during product manufacture, not written during operation.				
Clearing: N/A (Contains no User data)				
256KB	Flash	Non-Volatile	No	U2
Function: Memory used for microprocessor program, Timing Engine Control.				
Clearing: N/A.				
12KB	RAM	Volatile	Yes	U2
Function: Memory used for microprocessor operation.				
Clearing: Power down (Contains no User data)				
4KB	EEPROM	Non-Volatile	No	U2
Function: Used to store non-volatile configuration data.				
Clearing: N/A (Contains no User data)				

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Note about Compact Flash device used at J3: The configuration user data are reset when the "Return to Factory Defaults" command is executed from the command line interface or from the web User Interface. If the SyncServer software has ever been upgraded, the remnants of the upgrade and an upgrade history are stored on the compact flash in a temporary storage area. This area can be manually cleared using the following procedure (See the User Guide for details on any of these steps):

1. Log into the SyncServer web User Interface as the **admin** user.
2. Press the **SYSTEM** button, and navigate to the **Upgrade** tab.
3. Look at the **Current Files** in the box below the **Manage Files in SyncServer** heading.
4. You can select and **DELETE** any files you find in this location.
5. When finished, press **LOGOUT** to log out of the SyncServer.

Neal Gors,   Quality Engineer, 4/23/08
Authorized Signature, Title, Date