



FOR IMMEDIATE RELEASE

## **Foremay® Unveils SSD to Support Windows 7 SSD TRIM Command**

*PC166™ W-Series SSDs ( Solid State Drives) are flash hard drives designed to support the Windows 7 SSD TRIM command which improves sustainable writing speed, prevents writing performance degradation over time and extends the life of solid state drives.*

**FREMONT, California - October 18, 2009** – Foremay, Inc., a leader of technology innovation in solid state drive ( SSD ), today announced the PC166 W-Series solid state hard drive, which is designed and tested for compliance with Windows 7 SSD TRIM command. With the TRIM function enabled, the SSD can significantly improve sustainable writing speed, as well as prevent writing performance degradation when an SSD is at greater than 50% capacity.

“One of the key features of Windows 7 is its support of the TRIM command,” stated Jack Winters, Co-founder and CTO of Foremay. “Without this support, we had to implement our proprietary active garbage collection algorithm in our high end solid state drives that are listed as the World Fastest SSD. Now I am glad to see that Windows 7 supports TRIM so that we can implement more cost-effective passive garbage collection techniques into the PC166 W-Series and other Foremay SSDs.”

Without TRIM or active garbage collection, when the operating system (OS) tells the SSD to delete a file, the file is not actually “deleted” from the SSD; it is merely marked as “deleted” by the OS. If you want to write a new file onto the “deleted” file block(s), the SSD first needs to erase (or flush) the block(s) that has the “deleted” file to empty the block(s). Only then can the SSD write the new file onto these flushed blocks, i.e., a two step process is required.

With either the TRIM or active garbage collection feature enabled, the garbage cleansing function works in the background to manage and erase/flush “deleted” blocks. Therefore, in the above case, the SSD can complete the writing in only one step. Thus, the TRIM function increases writing speed when the TRIM SSD needs to write a file onto “used” blocks.

In addition to increasing the sustainable writing speed of solid state disk, TRIM can also increase their lifetime. To enjoy the benefits of TRIM, both your SSD and OS have to support the TRIM command.

### ***Windows 7 SSD TRIM command supported Solid State Drive Availability***

The PC166 W-Series TRIM SSD is now shipping in volume production. Windows 7 TRIM command is also supported by selected models of Foremay’s EC188 and SC199 product families. All Foremay SSDs supporting Window 7 also backward support Windows Vista, Windows XP and Windows 2000. Datasheets and pricing are available upon request; please contact [info@foremay.net](mailto:info@foremay.net)



## About Foremay

Founded in the Silicon Valley in 2002, Foremay, Inc. is a leading company dedicated to designing and innovating in Solid State Drive ( SSD ) for high reliability mission critical computing, industrial computing, enterprise computing, and high end personal computing. Foremay's vision is to bring high reliability, high ruggedness and high performance solid state drives with "Green Initiatives" in mind. Foremay is headquartered in the Silicon Valley, California, USA. For more information and product details please visit [www.foremay.net](http://www.foremay.net)

## Press Contacts

Dennis Eodice  
pr@foremay.net  
+1 408 228 3468

Foremay®, Foremay logo® and PC166™ are all trademarks of Foremay, Inc. Any product name of another company or organization mentioned is the property or trademark of its respective owner.