



FOR IMMEDIATE RELEASE

## **Foremay Announces Avalanche® Secure Erase Suite for SSDs**

*The Avalanche® Secure Erase Suite, including software and firmware based, and hybrid hardware and software based, fast data sanitation functions, and hardware based one key self-destroy disk purge functions, which are essential to secure data erasure and disk disposal for solid state drives.*

**SANTA CLARA, California - August 18, 2010** - At the Flash Memory Summit 2010, Foremay, Inc., a leader of technology innovations in solid state drives and one of the world's Top 10 SSD OEMs, has announced its Avalanche Secure Erase Suite which is a complete solution for fast disk purge in solid state drives. With Avalanche® secure erase solutions, an SSD user now has the freedom to choose one or more of Foremay's three types of disk sanitation methods - the software based sanitation, a.k.a., Type I method; the hybrid software and hardware based sanitation, a.k.a., Type II method; and the hardware based one key self-destroy disk purge, a.k.a., Type III method.

"In a regular SSD, deleting a file only removes its name from the directory or file table. User data remains until overwritten by new data. Even reformatting the SSD leaves data intact," said Jack Winters, CTO of Foremay, during the Flash Security workshop. "The Avalanche Secure Erase Suite employs various technologies to overwrite or destroy all user data in allocated blocks and file tables, as well as data in reallocated defective blocks."

After processing with Avalanche® secure erase technologies, one can now either dispose of or transfer an SSD safely, without worrying about information leakage, or physically destroy the flash memory inside an SSD. Some application examples of secure erase include:

- Mission Critical Systems
- Military and Defense Systems
- Government Systems
- Public Health and Social Security Administrations
- Financial and Insurance Institutions
- Banking Systems
- High Reliability Enterprise Systems
- High Reliability Stock / Security Exchanges
- Public Security
- Medical Equipment

The Avalanche® Secure Erase Suite supports a variety of solid state drive interfaces such as SATA, IDE, PCIe, CF, SAS, ZIF and industrial USB. In addition, Avalanche® also supports



various types of industrial and military standards for data sanitation including,

- Fill with all "0" or all "1"
- Random fill
- IREC (IRIG) 106
- DoD 5220.22-M
- Air Force AFSSI 5020
- NSA Manual 130-2
- Navy NAVSO P-5239-26
- Army 380-19
- NISPOMSUP Chap 8, Sect. 8-501
- Gutmann method
- Customized fill

#### *Avalanche® Secure Erase Suite Availability*

To obtain a copy of Foremay CTO's talk entitled, "Secure Erase Options for Solid State Drives" at the Flash Memory Summit 2010, or more information on Avalanche® Secure Erase Suite solutions, 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 technology innovations in Solid State Drives ( SSD ) for high-reliability mission-critical computing, industrial computing and enterprise computing. Foremay's vision is to bring to market high reliability, high ruggedness and high performance solid state drives with "Green Initiatives" in mind. Foremay is headquartered in the Pasadena, California, USA. For more information and product details please visit [www.foremay.net](http://www.foremay.net)

#### Press Contacts

Dennis Eodice  
[pr@foremay.net](mailto:pr@foremay.net)  
+1 408 228 3468

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