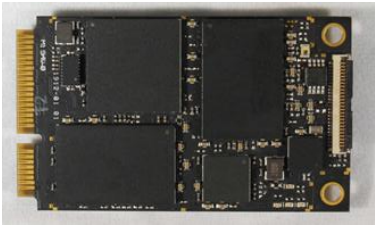




# ISC8 Corporate Overview



**High Speed Memory and Secure Storage**



**High-speed Processing**

- Formerly known as Irvine Sensors was founded in 1974 with Headquarters in Costa Mesa, California
- Funded by over \$150mm in government research grants, generating over 150 patents
- Featuring Small and Dense Miniature SSD Systems Designed For Military and Aerospace Systems

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# ISC8 Secure Communication Products

Vault-MM Family of Products comes in a variety of form factors supporting “Secure Erase Assurance Operating System” (SEAOS) and Anti-Tamper Protection. 100% USA Designed and Manufactured

- **USB 3.0 Memory Sticks:** 512GB, 1 TB
- **Mini-PCle Card:** 64GB, 128GB, 256GB, 512GB
- **PCle Card:** 1TB, 4TB Commercial and Enterprise Grade (*Available Q4, 2012*)
- **SAILS Module:** Tamper Detection, CPI/Key Protection, Processor/Memory Zeroization

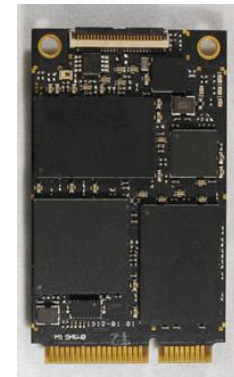
*USB 3.0 Memory Stick*



*SAILS*



*Mini-PCle Card*



**ISC8 Offers the Highest Density Featuring Secure Erase Making the Drive “Factory New”**



# SEAOS – Ensuring the SSD is 100% erased with NO REMNANTS

- Independent of SSD Controller
- Does not affect normal operations of the SSD
- SEAOS is user invoked
  - Performs a “Quick Erase” of the SSD Memory
  - Typically data is unknown in how it is mapped at the physical flash level, therefore SEAOS removes all data from all accessible physical blocks including reserved and over-provisioning areas. This method destroys any field updates of drive usage.
  - SEAOS maintains internal logs of drive information prior to erase that may be restored after SEAOS is completed

Advantage of this method, since it fully bypasses the controller, is that the algorithms and erase techniques are controlled by ISC8, not subject to vendor code modifications or bugs, and available for customer inspection where required.