



Best-in-Class Data Protection with
**Wave-Managed
Self-Encrypting Drives**

wave[®]

What is Wave SED Management?

Wave provides centralized, enterprise-level management of self-encrypting drives (SEDs) throughout their lifecycle. It enables organizations to secure sensitive information and comply with data protection regulations such as HIPAA, HITECH, and state-specific laws.

**Self-encrypting drive + Wave =
automatic, fully-managed encryption**

What does it do?

SEDs are storage devices that perform encryption in the drive controller itself. From the time the drive ships from the factory, all data written to the drive is automatically encrypted. And unlike most software-only data protection products, which perform encryption on the CPU and store encryption keys in the operating system, SEDs perform encryption entirely in the drive, eliminating impact on system performance and keeping encryption keys safe from hackers.

Why Wave Management?

Although all data is automatically encrypted with an SED, that encryption does no good if there isn't management in place to determine who can access the data. Wave's comprehensive SED management tools, Wave EMBASSY Remote Administration Server and Wave Cloud, are designed to give IT easy set-up and centralized control over all enterprise SEDs, including drive commissioning, password reset, and secure end-of-life processing*. Wave's management tools also provide complete audit logs to ensure compliance with HIPAA, HITECH and other federal and state data protection regulations.

** Feature not yet available on Wave Cloud.*

Key Benefits

- ▶ **Secure:** Automatic encryption of all data written to the drive
- ▶ **Compliant:** Detailed audit logs for compliance
- ▶ **Easy:** No impact on end-users
- ▶ **Complete:** Comprehensive remote management for IT

SED Technology

Developed by the Trusted Computing Group in 2004, the Opal standard provides vendor-neutral best practices for SEDs. Today, most major drive manufacturers offer SEDs built to this specification, in a range of forms including solid-state or the more traditional HDD. Wave's ERAS or Wave Cloud manage all drives built to the Opal standard, meaning you never have to worry about vendor lock-in.

