



Response to EPA's ENERGY STAR®  
Draft 1 Enterprise Storage Specification

July 1, 2009

Hie Electronics specializes in the development and implementation of dense, optical data storage units as well as enterprise class digital video recorders. Learn more about our passion for developing green storage solutions at [www.hie-electronics.com](http://www.hie-electronics.com).

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## **RESPONSE**

Regarding the Preliminary list of definitions, Hie Electronics would like to suggest a new category for a Server Storage Product that incorporates multiple components and storage media within a single enclosure.

Server Storage Product: a system composed of a server and one or more forms of storage media (e.g. including hard drive, tape, optical disc, or solid state memory), integrated storage controllers, and software that provide data storage services in a single enclosure. Such products may execute user-supplied software applications as well as data-specific applications (e.g. data replication, backup utilities, data compression, install agents, etc.).

An alternative to a new product category would be for ENERGY STAR® to include embedded servers and user-supplied software applications within the definition for a Storage Product.

Hie Electronics is concerned about excluding systems with aggregated storage elements in the ENERGY STAR® specifications. Such data storage products provide energy efficiency and cost effectiveness that is in line with the EPA's mission statement. These products should have a place in the ENERGY STAR® lineup for their ability to maximize energy savings within the data storage industry.

Hie Electronics would like to thank ENERGY STAR® for its efforts to standardize energy efficiency ratings and promote green data storage. We believe that the ENERGY STAR® logo will help raise awareness about energy efficient data storage products on the market. Please feel free to contact us with any questions you may have.

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