



*“Signiant and Isilon have partnered to deliver a state-of-the-art digital media distribution and storage solution for our strategic customers whose valuable content needs to be moved reliably within their Isilon clustered storage environment. Both the management and automation functionality saves our customers time and money.”*

- Rick Clarkson,  
Senior Director,  
Product Management,  
Signiant

## Signiant DMDMS for Isilon

### ***WAN File Acceleration for Clustered Storage***

File-based workflows are the result of the transition from analog to digital production. This transition has created an explosion of digital media content which must be integrated into widely-dispersed production processes, workflows and storage systems. Signiant and Isilon are providing a powerful solution for rapid file movement between geographically dispersed storage systems. Using Signiant’s Digital Media Distribution Management Suite (DMDMS), content can be moved between Isilon clustered storage environments efficiently, reliably and securely across the WAN. Content can be shared between NAS systems using CIFS or NFS with support for multiple operating systems.

File movement across the WAN can be inefficient due to high latency. Signiant’s technology provides efficient transfers across the WAN by implementing an accelerated transport including protocol failover to UDP, TCP and HTTP. All protocols support file check-pointing which is essential to moving large media files in the telco, media and entertainment environments.

### ***Centralized Web-based Management***

File movement and Isilon IQ storage access can be centrally controlled with the Signiant Media Manager. The web based centralized management mechanism allows the operator or administrator to set up business policies and workflows; manage bandwidth; schedule transfers; and provide delivery status of all the file movement jobs in the clustered storage network. Additionally, Signiant’s extensible architecture provides a Web Services API utilizing SOAP which allows a variety of customer applications to control file movement through a common interface.

### ***Security***

The DMDMS provides multiple levels of security including a Public Key Infrastructure (PKI), certified file delivery and AES 256/128/64 bit data encryption. Additionally, the solution allows for Isilon IQ clusters to be located on different networks separated by firewalls. Signiant provides a patented approach to file movement in networks with firewalls without compromising enterprise security.

### ***Automation***

Signiant offers a tool for building customized workflows to meet the specific needs of virtually any customer. Coupled with integration to common Media applications (transcoders, watermarking systems etc.) and dispersed storage clusters, Signiant and Isilon provide a powerful solution for customers handling rich media content.

Telco, Media and Entertainment companies using a combined solution from Signiant and Isilon are able to:

- Easily implement an enterprise-wide digital media distribution system
- Efficiently and securely utilize file-based workflows and clustered storage in geographically dispersed locations
- Rapidly monetize new and emerging digital media business models