

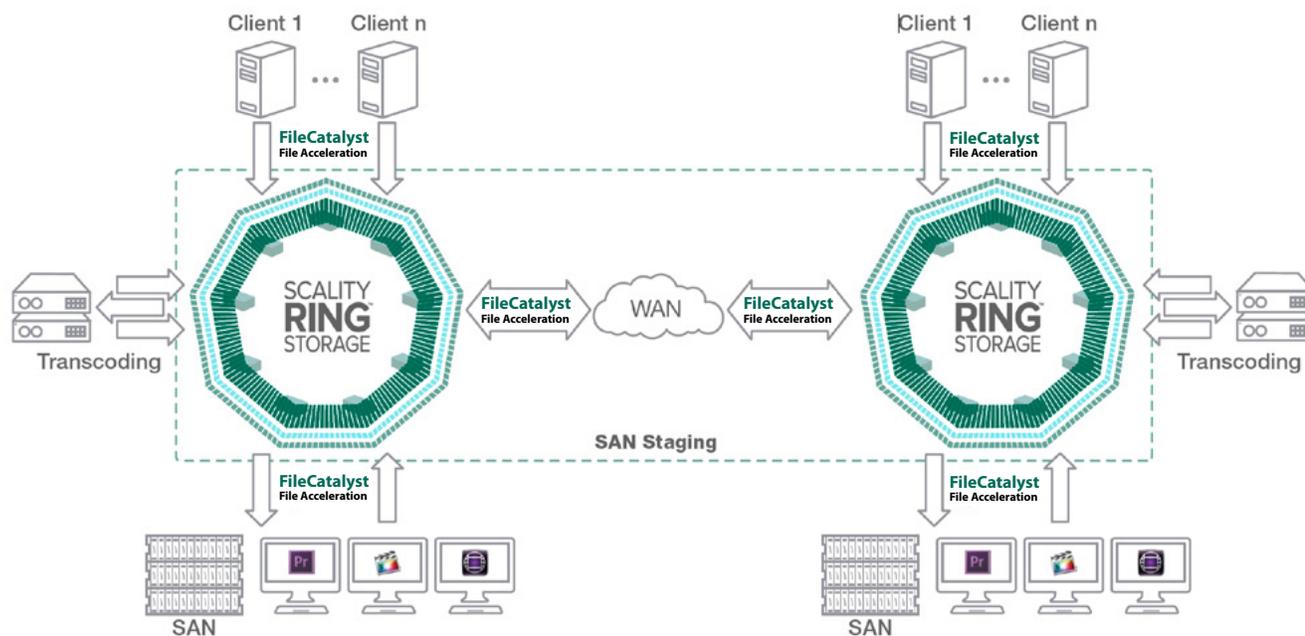
# FORTRA

SOLUTION BRIEF (FileCatalyst)

## Scalable video storage with high-performance file transfer

The Media and Entertainment industry is characterized by fast and continuous technology innovation. Feature film production has become fully digitized, 4K resolution has become the standard and 8K is around the corner. Media production has also increasingly become a global activity, often with teams that are distributed across the world. This shift dramatically impacts storage and file transfer requirements: 4K video is about four times the resolution of standard HD and requires four times as much storage - just 2-3 minutes of uncompressed 4K film, or the length of a movie trailer, can be up to 500GB.

Traditional storage and file transfer technologies are not able to keep up with today's large media files, jeopardizing project deadlines and the delivery of monetizable assets. FileCatalyst and Scalify have partnered to solve this problem with an integrated solution. Leveraging the FileCatalyst high-performance data transfer protocol and the Scalify RING limitless video storage platform, **the solution addresses the massive storage and data transfer needs of media and entertainment companies** and enables geographically distributed petabyte-scale storage infrastructures to support geo-distributed post-production workflows, content distribution infrastructures, and active archives.



FileCatalyst enables remote users to transfer data to and from remote sites at high speeds and provides reliable data transfers between geographically distributed Scalify RING infrastructures.

# FileCatalyst

## File Acceleration

### COMPANY

FileCatalyst provides file transfer solutions that enable users to send files of any size or format at full line speed, and **up to hundreds of times faster** than traditional solutions, while ensuring the secure and reliable delivery of files with sizes into the terabytes.

FileCatalyst's core transport technology is based on the UDP protocol, which provides a mechanism by which data can be transmitted at precise rates. Files can be transferred over the UDP protocol without being impeded by network impairments such as latency and packet loss, which substantially slow file transfers. UDP does not have any means of recovering from lost packets, meaning that in the past there was no way to take advantage of the UDP protocol for reliable transfers over a network with impairments. **FileCatalyst adds the reliability and rate control missing from UDP** without sacrificing its other desirable properties.

### KEY BENEFITS:

- Fast data transfer: send files over the WAN at speeds of up to 10Gbps
- Secure files during transfer: transfer files over a secure SSL channel
- Guaranteed file delivery: each file is verified byte by byte using MD5
- Transfer files dynamically: files can be transferred while still growing



### COMPANY

The Scality RING is software-based storage that has been proven worldwide. **The RING is perfect for capacity-driven workloads such as video distribution.** The RING runs on any standard x86 servers powered by Linux, and creates an unlimited storage pool for file and object applications. **Its performance is unmatched in the industry,** with the ability to serve millions of users simultaneously.

### KEY BENEFITS:

- Runs on any standard x86 servers: no hardware qualification & simple support
- Geographical distribution, flexible data protection and self-healing: enables 100% reliability with minimal intervention
- Provides high IOPS and throughput: Performance scales linearly
- Intuitive graphical interface and rich CLI: enable simple operations & management

### ABOUT SCALITY

Scality is the leader in software-defined storage for the Information Age. Seven of the top 20 telecommunications companies, many cloud services, and enterprises rely on the RING for mission critical applications, serving over 500 million users worldwide. Scality is headquartered in San Francisco, with offices throughout the world.



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**About Fortra**

Fortra is a cybersecurity company like no other. We're creating a simpler, stronger future for our customers. Our trusted experts and portfolio of integrated, scalable solutions bring balance and control to organizations around the world. We're the positive changemakers and your relentless ally to provide peace of mind through every step of your cybersecurity journey. Learn more at [fortra.com](https://fortra.com).