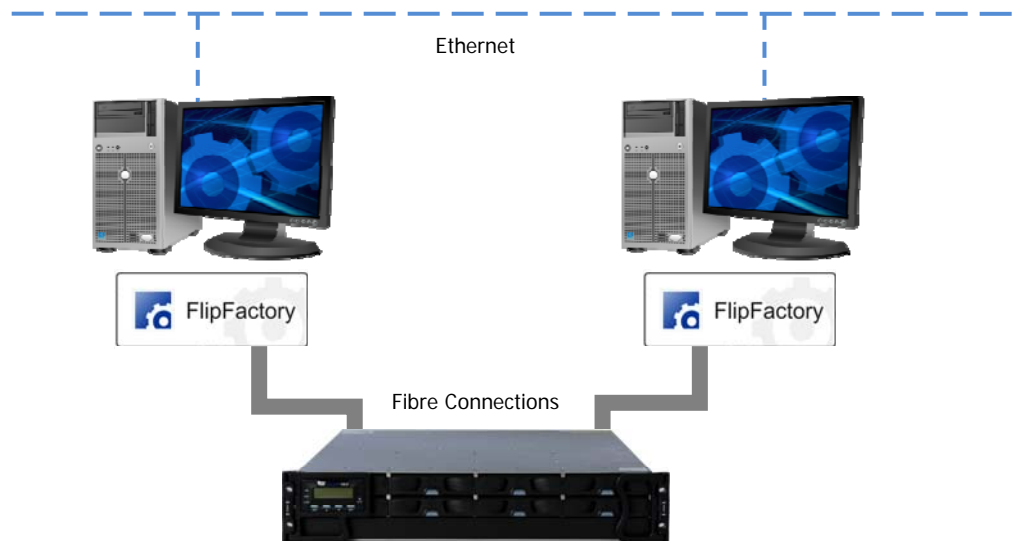




FlipFactory and Rorke Data Galaxy Fibre RAID



New revenue opportunities

Today's High Definition video workflows require more computing power, more memory and more I/O throughput than ever before. Get the most performance, at a cost effective price point, from your HD FlipFactory or TrafficManager workflow by combining it with Rorke's Galaxy Storage.

Rorke Data's Galaxy Network Storage solution provides Telestream-certified shared RAID storage for multiple FlipFactory servers. Included in the Galaxy Network Solution is the award winning Galaxy HDX RAID, Fibre Channel HBAs, cables, software and Rorke's Professional Services. Rorke also provides expansion options to accommodate more servers and/or more storage, as well as installation and extended warranties. The solution has been tested by Rorke and Telestream engineers to provide a rock-solid SAN experience for you and your customer.





Testing and configuration

Rorke Galaxy HDX 8 bay 2U rack mount RAID with dual Fibre Channel (FC) hosts, 8 x 500 GB SATA drives, 2 each FC HBAs, 2 each 5 Meter FC cables, 2 each FC SAN software licenses, spare drive in canister, and first year immediate replacement warranty for system (RAID and HBAs.)

Telestream configured and tested the Rorke Galaxy Network Storage solution with FlipFactory. The Rorke SAN was configured as RAID 5 Striped across 6 drives with total storage of 3TB, a Parity drive, and a "Hot Spare" drive. This was tested and benchmarked with 2 eight-core FlipFactory servers in an array configuration. The test simulated a Telestream TrafficManager workflow with 100 SD commercials and 100 HD commercials.

All "stores" within FlipFactory were configured to point at the SAN enabling all localizations, deliveries and transcodes to be done across the 4 Gigabit fibre connections to the SAN.

Benchmarks

100 SD Spots and 100 HD Spots were submitted independently to 2 different accounts, "Traffic" with "Duplicate Original" and QT Proxy with "Audio Analysis" and "Operations" with a GVG Profile product.

Input	Output	Time
100 SD Spots (53.3 minutes)	Duplicate Original & QT Proxy	7 minutes
100 SD Spots (53.3 minutes)	GXF at 25 Mb/s SD	11 minutes
100 HD Spots (52 minutes)	Duplicate Original & QT Proxy	28 minutes
100 HD Spots (52 minutes)	GXF at 1080i 50 Mb/s	39 minutes

