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Project	
Author	Brian Coombs

EXAMPLE SYSTEM DIAGRAM
4 CHANNEL REDUNDANT WORKFLOW

BroadStream SOLUTIONS

OASYS AUTOMATED PLAYOUT

Scheduled Ingest Source Routing Controlled by **Maker**
Via Hub

VIDEO ROUTER

Maker 1/2 — BroadStream SOLUTIONS — C

Maker 3/4 — Running on Central Server

Studios
Lines
VTR's
Etc.

Playlist Files delivered to Network Folder

Playlists Imported by **Schedule Importer**

Playlists

Running on Central Server

16 GPI - 16 GPO

01–16 / 01–16

16GPI/16GPO

Live Input Source Routing Controlled by **OASYS Player** (via Hub)

Output Routing Controlled & Monitored by **Redundancy Manager** (via Hub)

Central Services

Manage — BroadStream SOLUTIONS — B

- Hub/Triggers/Router
- MCWC
- Sched Importer/Logger

FILE INGEST
(not controlled)
- External Sources
- Editing Systems
- File Archive

Safe Files

Files

Unsafe

'Unsafe' files delivered to quarantine folder

File Checking by **Manager + File Checker**

Checked Files

Shared Storage and Management (72 TB NAS)

A

Simple Housekeeping by **Storage Manager**

- Manager/File Checker
- Global Media Library
- Media Manager
- Maker [2]

File Caching

File Caching by **Media Manager**

Control

CBS NETWORK
NEWS STUDIO
CBS NETWORK
SAT FEED

VIDEO ROUTER

4X 1+1 HD Playout Groups (4 HD Servers)

Live CH

Player 1/2 — D — BroadStream SOLUTIONS
Backup 1/2 — E — BroadStream SOLUTIONS
Player 3/4 — D — BroadStream SOLUTIONS
Backup 3/4 — E — BroadStream SOLUTIONS

Pgm / Pvw/edit

VIDEO ROUTER

CH 1 – HD Program
CH 1 – HD Preview/ Edit
CH 2 – HD Program
CH 2 – HD Preview/ Edit
CH 3 – HD Program
CH 3 – HD Preview/ Edit
CH 4 – HD Program
CH 4 – HD Preview/ Edit

Network - (Not supplied by BSS)

Schedules & Media Preview

Media Prep & Review x2

Workstation not supplied

- Maker Remote Client
- Browser

Matrox XCOREPR/550

Monitoring & Control

Playout Monitoring & Control x2

Workstation not supplied

- Multi-Channel Client (via web browser)
- Remote Desktop (MSTSC) (direct machine access)

As-Run Logs
On-Air Status

As-Run Logs consolidated and written to Shared Folder

Consolidated 'As-Broadcast' Reports Generated by **Redundancy Manager**

As-Run Logs processed into format required by customer (within limits of source data)

Non-standard As-Run Reports Processed by **Logger**

Engineering Access / Direct
All servers should be accessible via a KVM system. Alternatively Remote Desktop (MSTSC) can also be used.