LARGE NETWORK SOFTWARE VIDEO BROADCAST

412TH RANGE ENGINEERING GROUP

EDWARDS AFB, CA

DISTRIBUTION STATEMENT A - Approved for public release; distribution is unlimited. 412TW-PA-21219

THE CONTROL ROOM

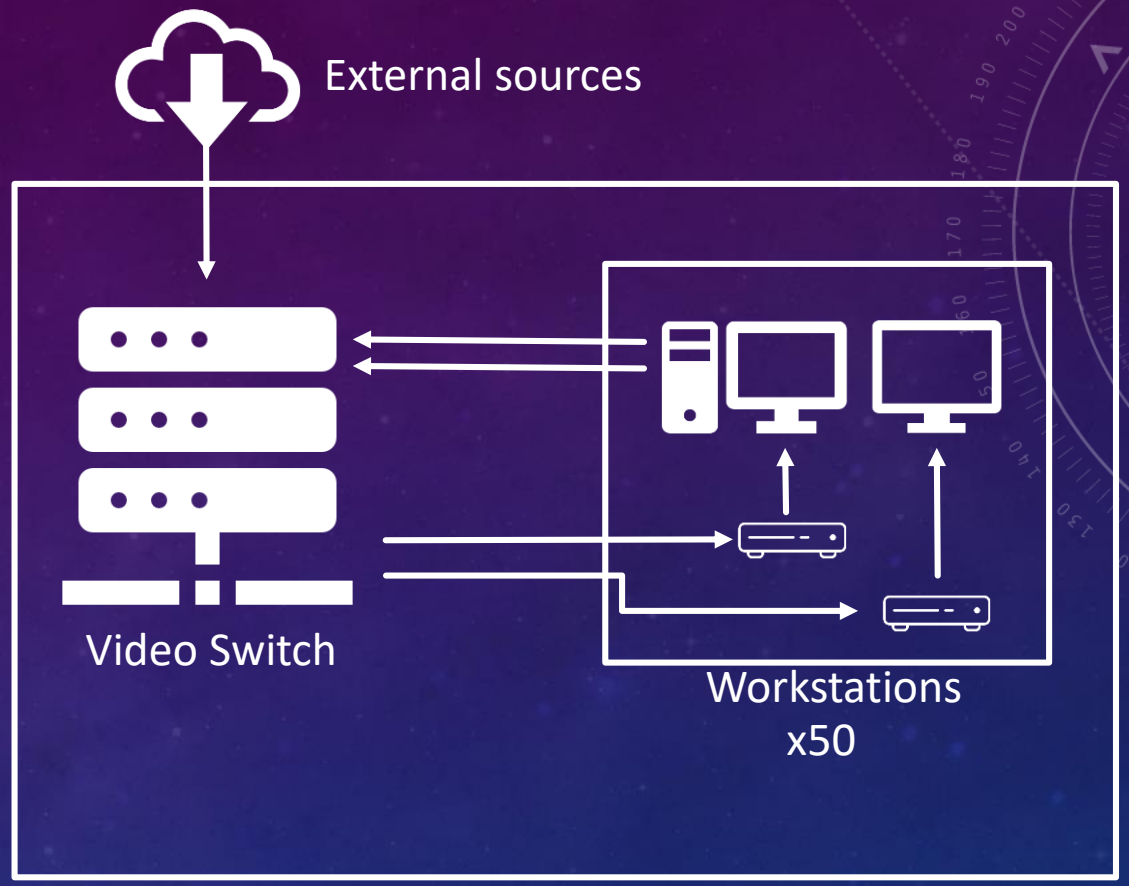
Our environment

- Any external video is a source
- Any monitor output is a source
- Any monitor or projector is a destination
- Users can display any source video on any destination in real-time

REQUIREMENTS

Video broadcast requirements

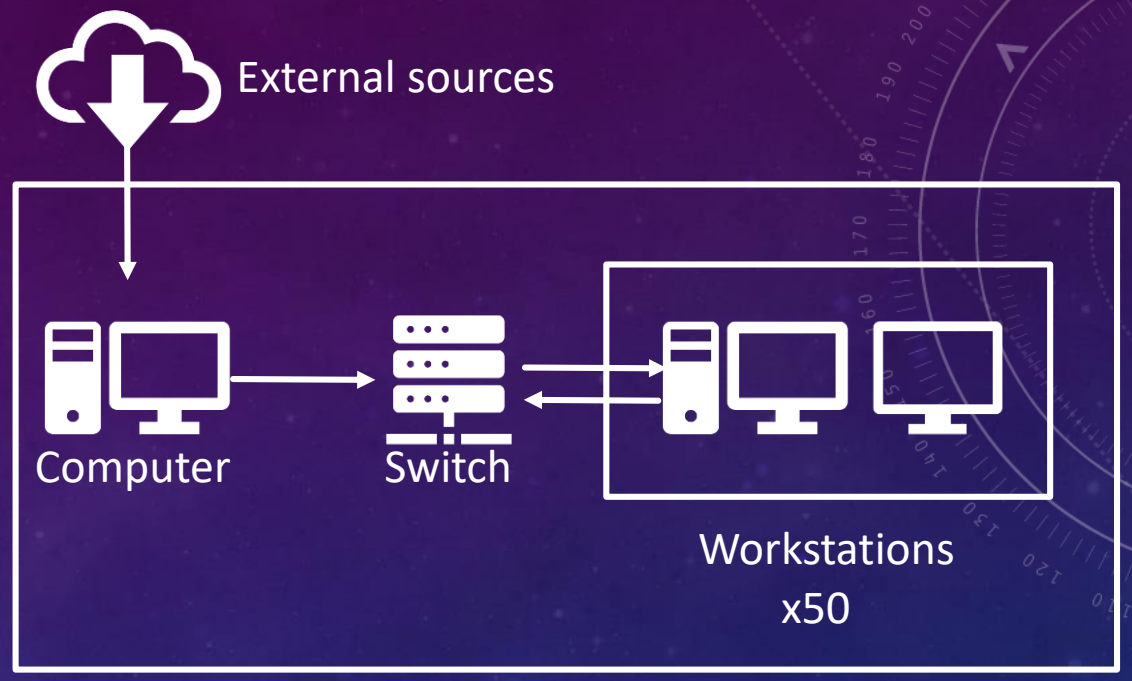
- Video switch
- V5 modules
- Cabling



CURRENT SOLUTION

Hardware

- 'Off-the-Shelf'
- 'Existing' IP network
- Consumer video cards



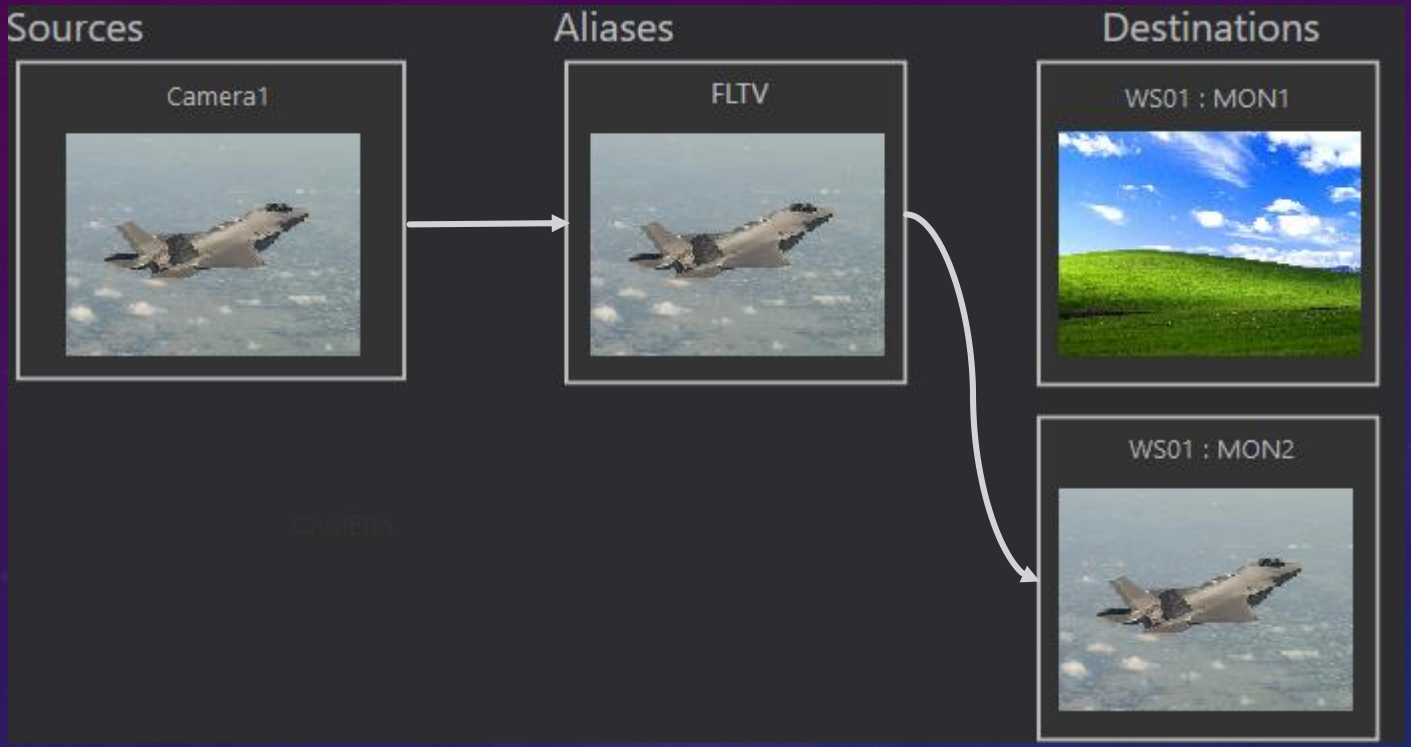
NEW SOLUTION

Software

- Open Source
- Simple API
- Remote control
- Source aliasing

NDI

Our solution



EXAMPLE

Software preview and typical case

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