

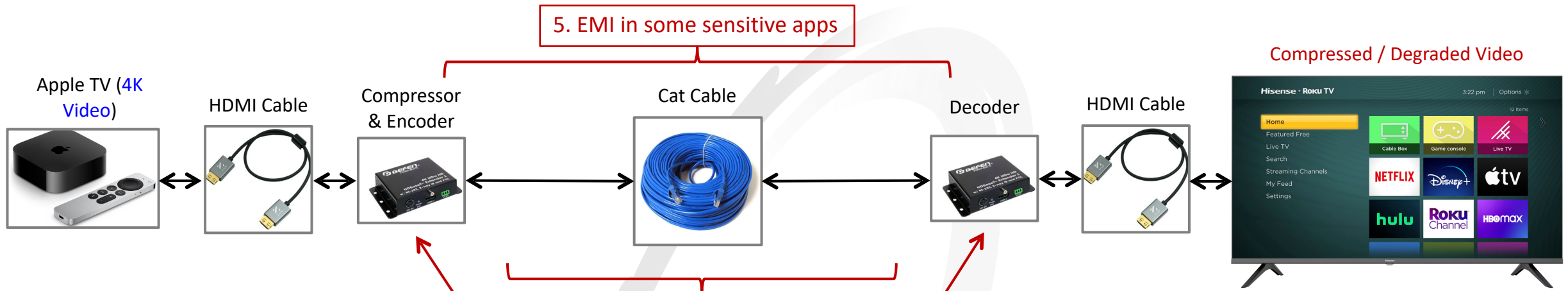
Compact Pro AV Control and Extension

– Enabled by Universal Fiber Optic Technologies

Celerity Technologies, Inc.

www.celeritytek.com

Today's Typical AV Configuration



5. EMI in some sensitive apps

Compressed / Degraded Video

- Issues and Limitations
 - Display compressed 4K video
 - Limit to 10 Gb/s data rate
 - 30ms video latency
 - 200 ft reach
 - Bulky devices and extra cables
 - Cannot deliver 8K video
 - EMI issues

1. Limited to 10 Gb/s
- Require 18 Gb/s to support 4K video

2. Limited to no more than 200 ft

3. Bulky Devices

4. 30ms video latency

6. Degraded video now
- Caused by data compression
7. No 8K video in the future

Innovative and Advantageous Solutions

- Empowered by Celerity Technologies

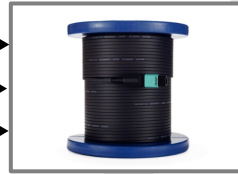
Apple TV (4K Video)



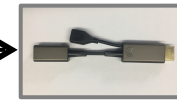
UFO Dongle



UFO Cable



UFO Dongle



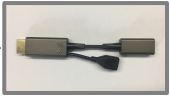
Uncompressed 4K Video



PlayStation 5 (8K Video)



UFO Dongle



UFO: Universal Fiber Optic

UFO Dongle



Uncompressed 8K Video



Nvidia Station (8K Video)



UFO Dongle



UFO Dongle



Today's Typical Solution

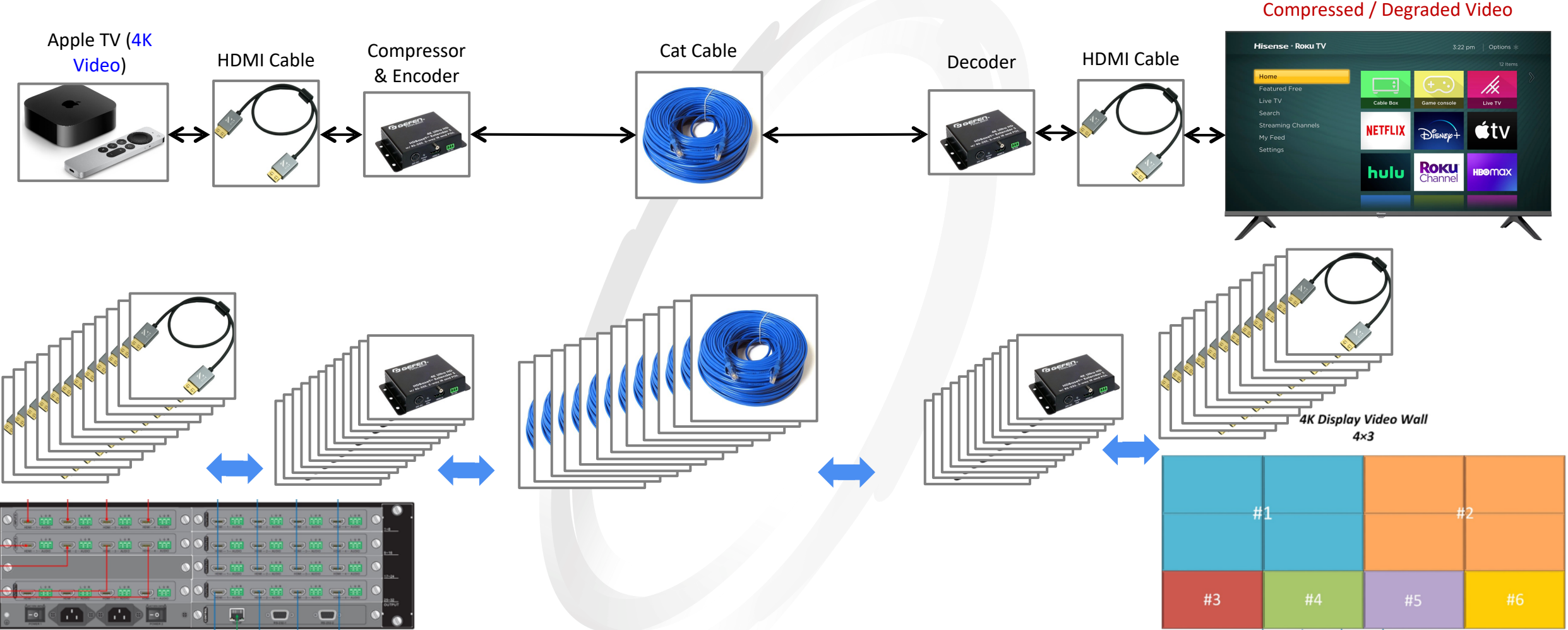
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Celerity's Solutions

- Display true 8K video
- 48 Gb/s data rate, up to 200 Gb/s
- Pico second video latency
- 1000 ft reach
- Slim and simple
- Deliver true 8K and beyond video
- No EMI issues

Today's Typical AV Configuration



Innovative and Advantageous Solutions

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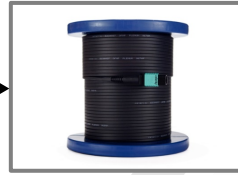
Apple TV (4K Video)



UFO Dongle



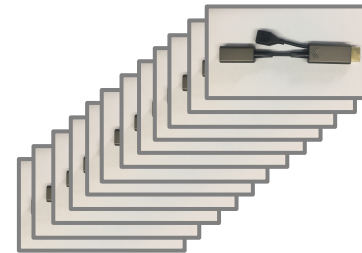
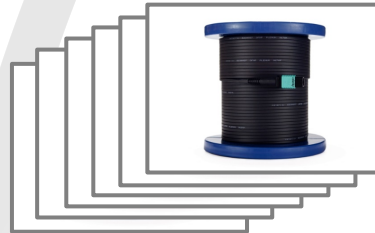
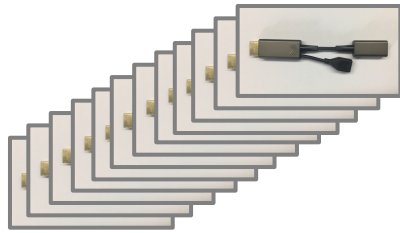
UFO Cable



UFO Dongle



Uncompressed 4K Video



4K Display Video Wall
4x3

