

Cost per Gigabit to Purchase and Energy per Gigabit to Operate

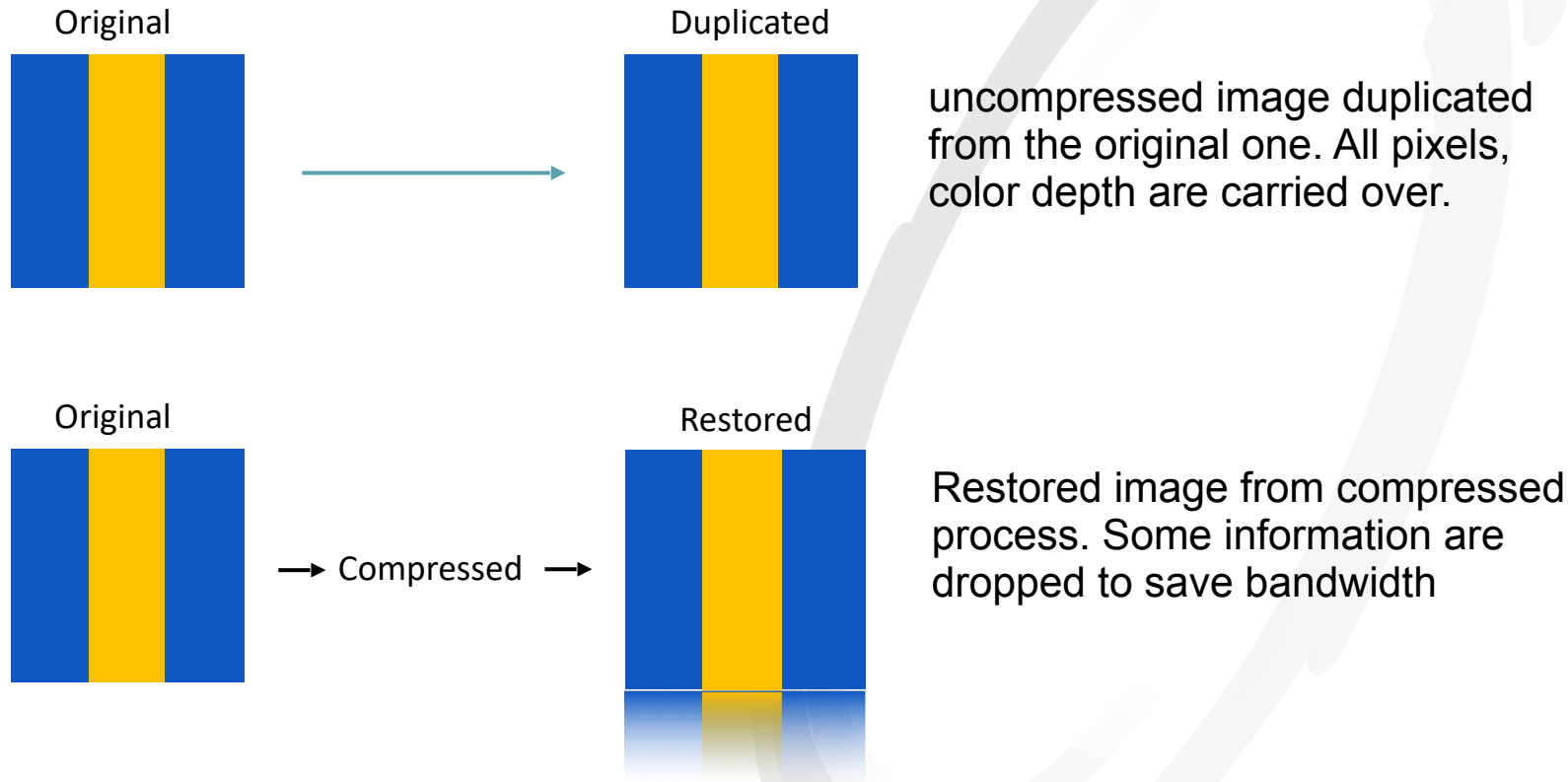
- Consider a dual HDMI + USB 3.2 AV distribution case

Celerity Technologies, Inc.

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Uncompressed vs Compressed

People are saying that one picture worth a thousand words



How to get uncompressed video distribution without extra effort ?

Compressed Solutions

- Cost around \$1500/pair to purchase
- Have 10G bandwidth
- Some only have 1G bandwidth
- Usually around 30W power consumption in operation.
- Single Cat6/7 or fiber cable

Uncompressed Solutions

- Cost around \$1000/pair to purchase
- Have 100G+ bandwidth
- Usually around 3W power consumption in operation.
- Single MPO fiber cable

Uncompressed vs Compressed

Solutions	Price to purchase	Energy in operation	Bandwidth in Gigabit	Cost per Gigabit	Energy per Gigabit	Future Proof
Compressed 10G	\$1500	30W	10	\$150	3 Joule	20G cat6 100G+ fiber
Compressed 1G	\$1500	20W	1	\$1500	20 Joule	20G cat6 100G+ fiber
Uncompressed MPO fiber link	\$1000	3W	100+	\$10	0.03 Joule	1000G+

Cost-per-gigabit to purchase and energy-per-gigabit to operate are the hard numbers to show the facts



Thank You

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