



## ST 2110 – timing update

Andy Rayner, Chief Technologist

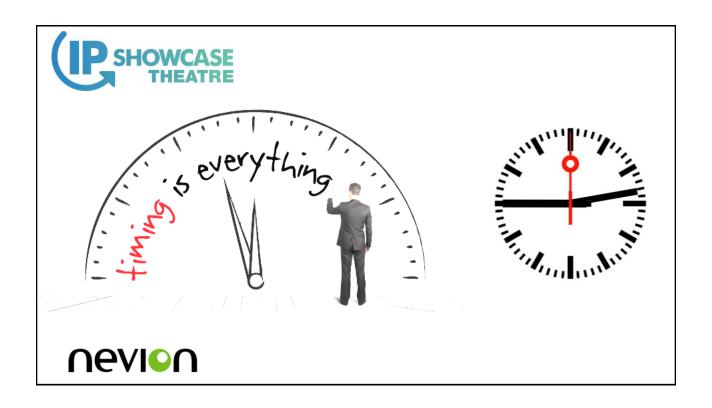
Nevion

IBC Hall 1 Stand B71



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"How did it get so late so soon?"

— Dr. Seuss



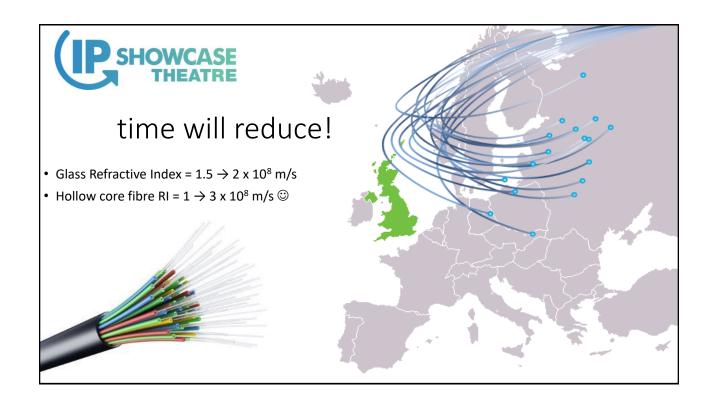
"Time is an illusion."

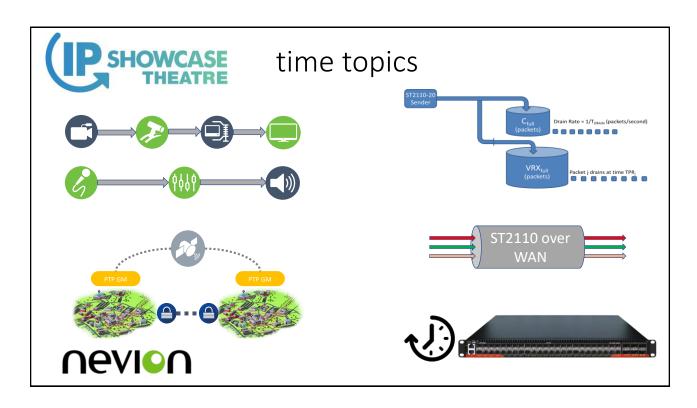
— Albert Einstein

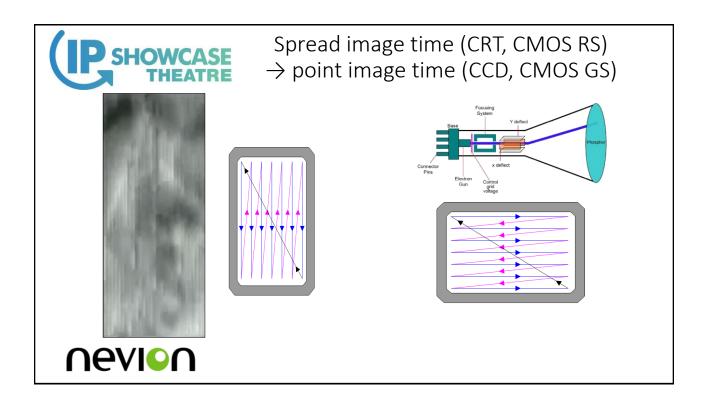


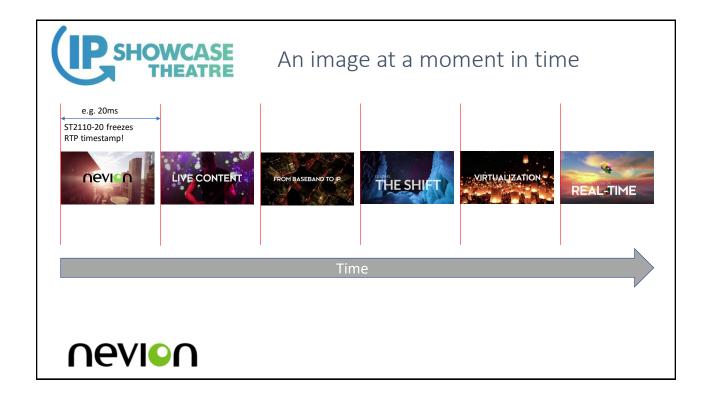
"You may delay, but time will not."
—Benjamin Franklin

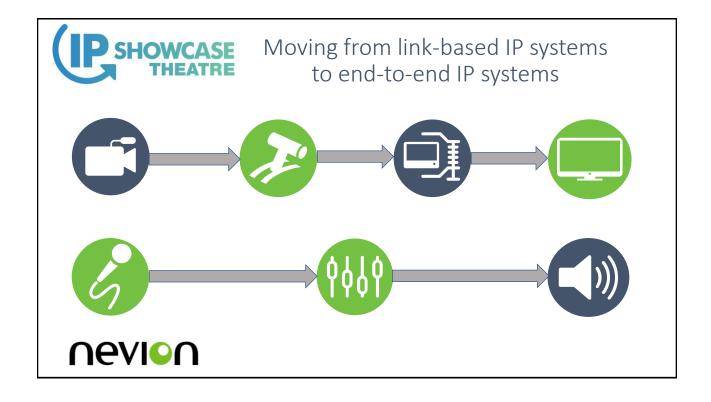


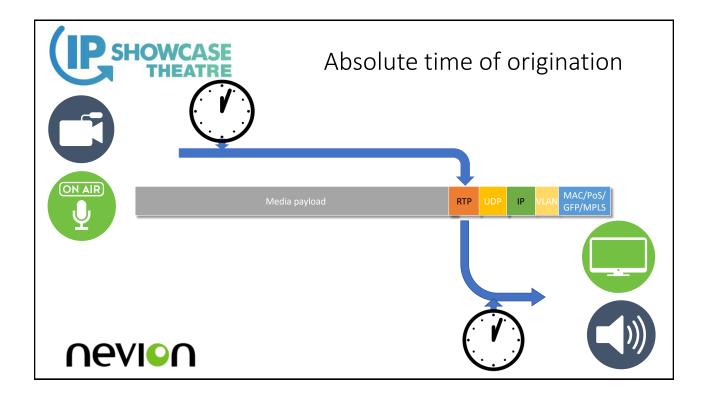


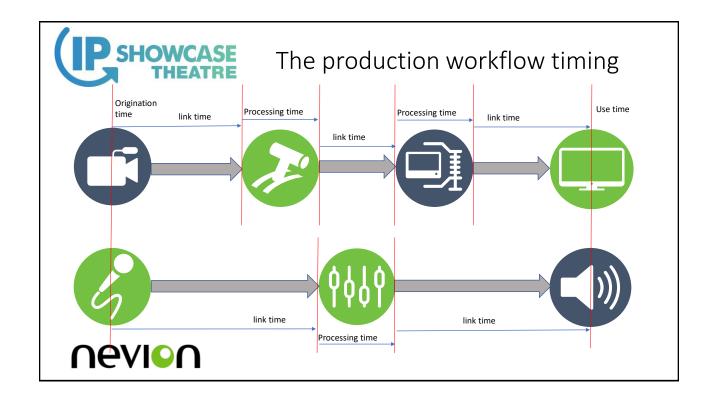


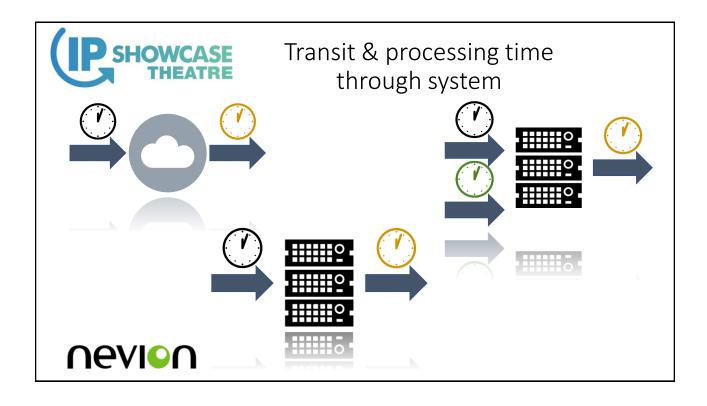


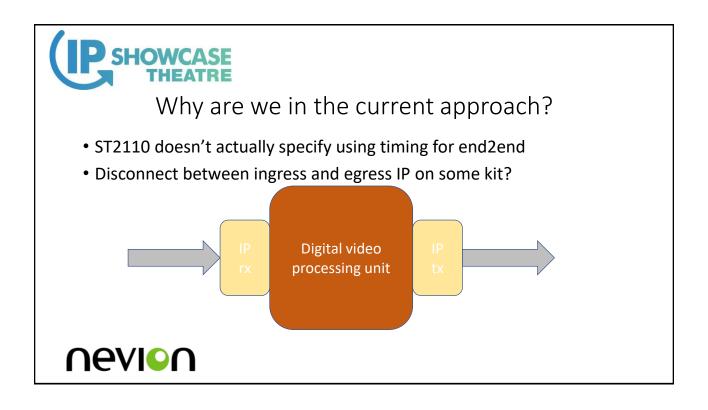


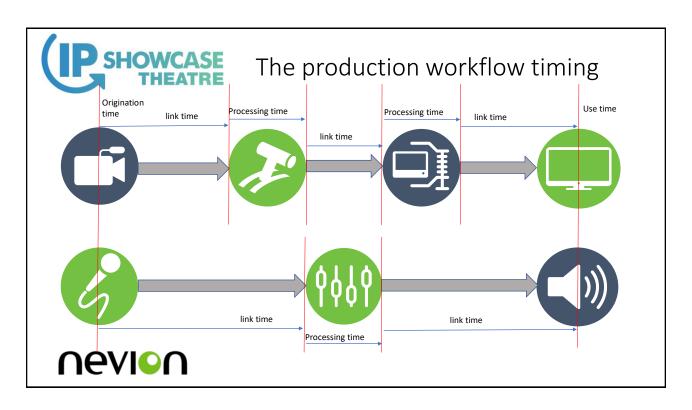


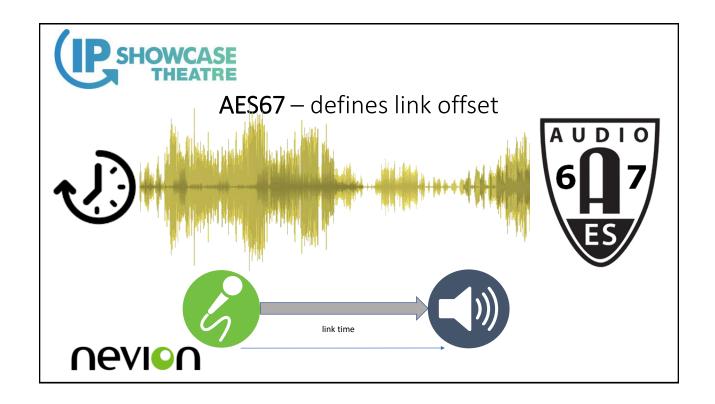


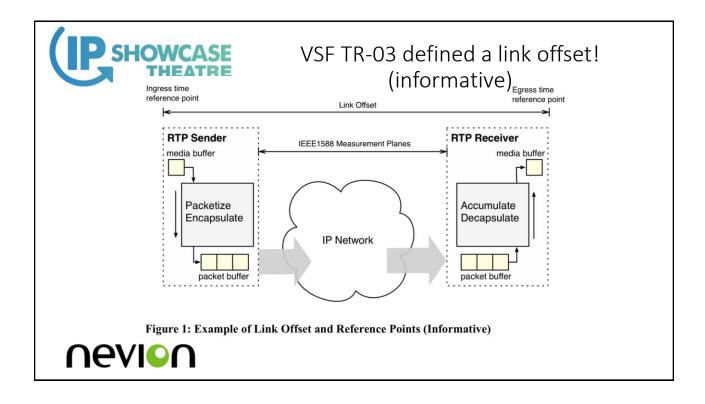


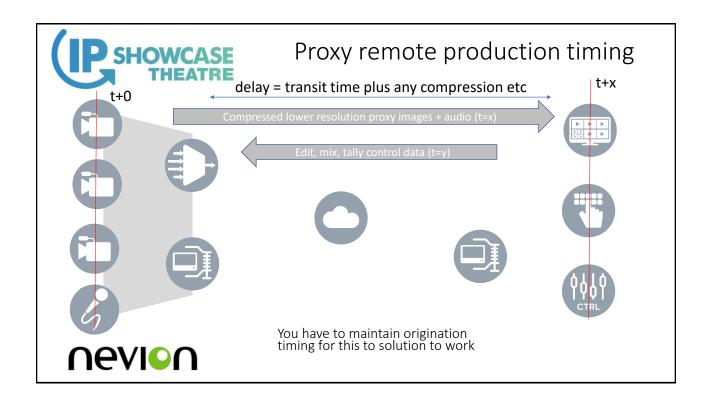


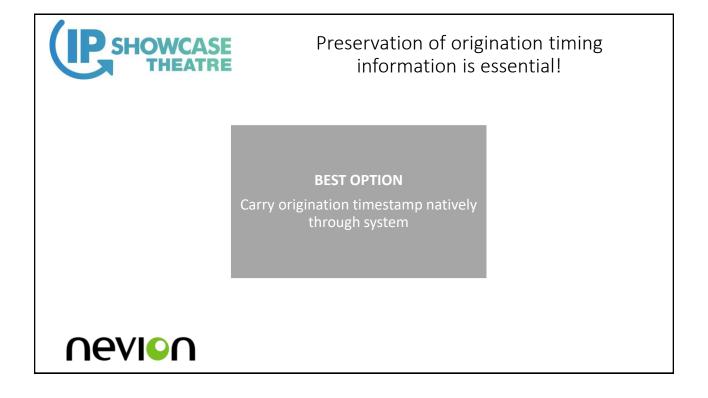


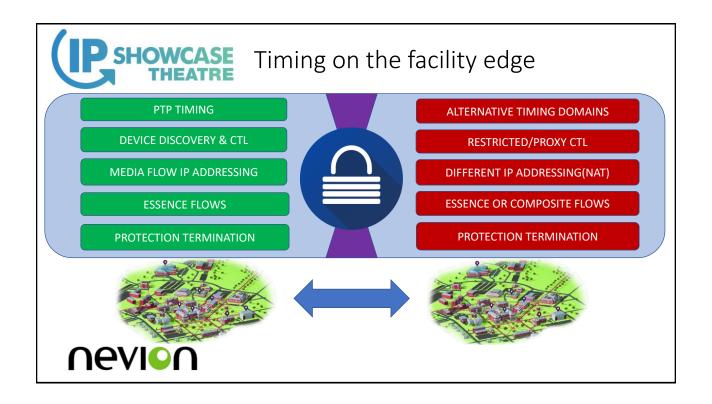


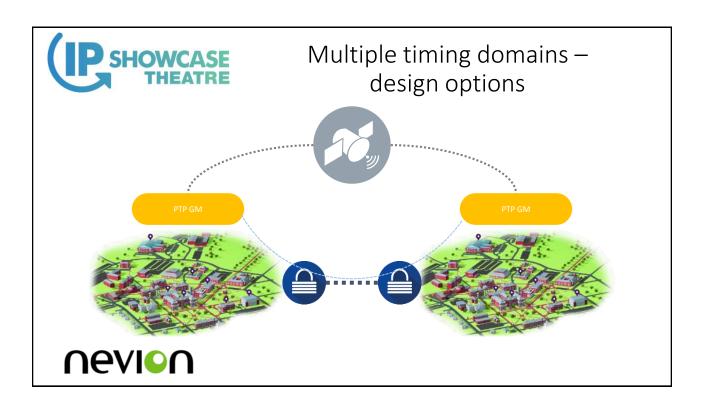














## **Graceful performance** with PTP timing reference













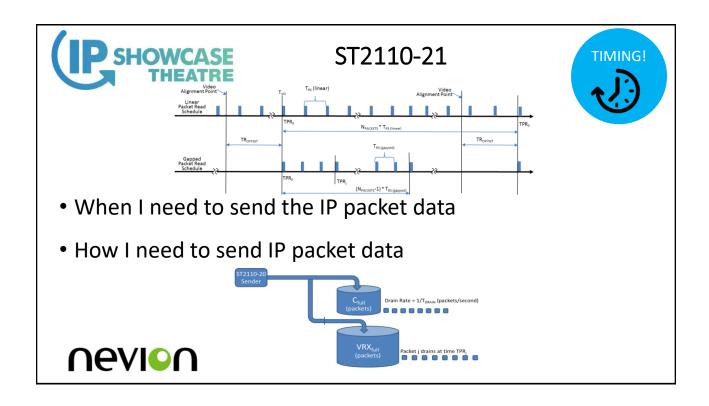
- WAN Protection (FEC / ST2022-7)
- WAN trunking /NATing
- WAN timing
- WAN signalling
- WAN 'transcapsulation'
- Latency of low bit rate data flows

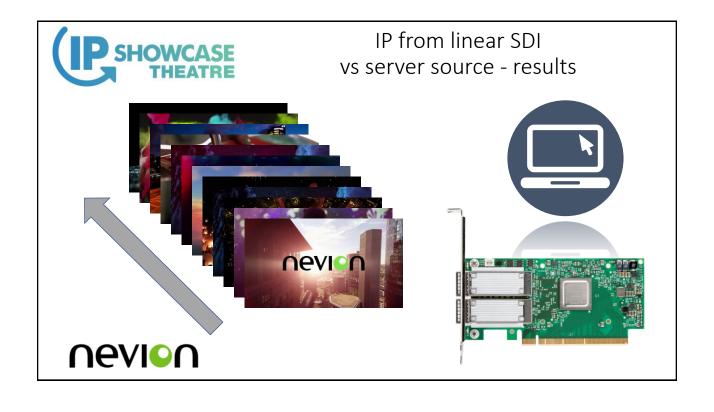


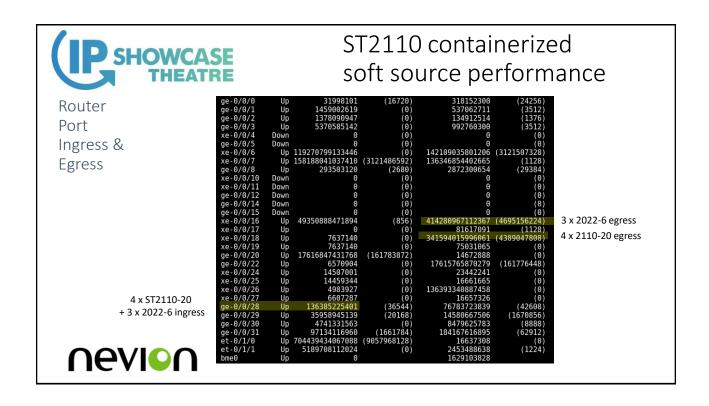


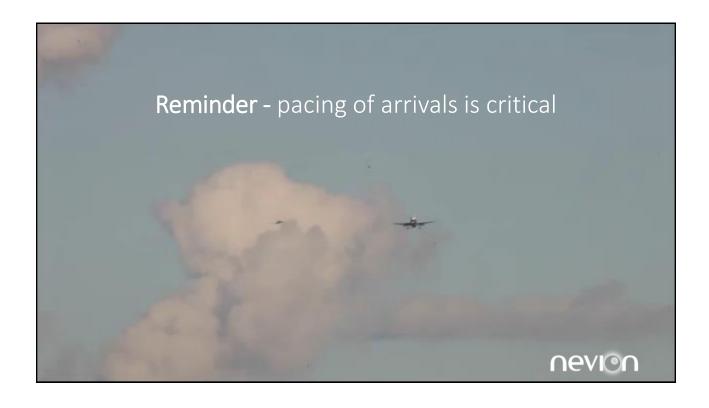
New activity group Autumn 2018 onwards Get involved: vsf.tv











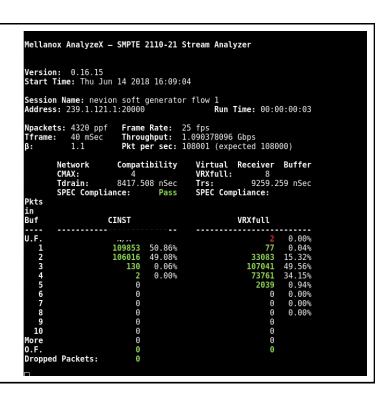


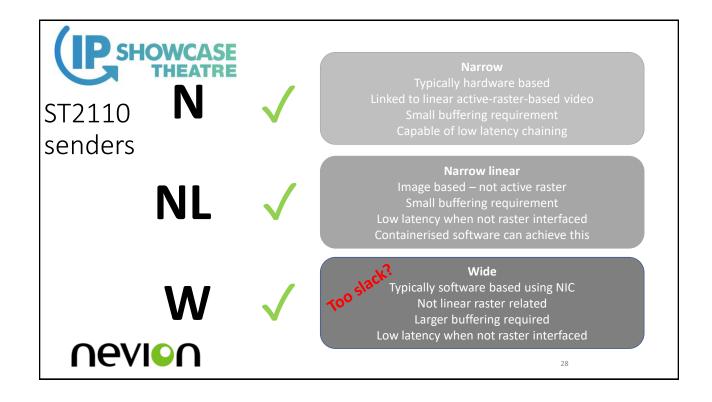
Soft Stream 1

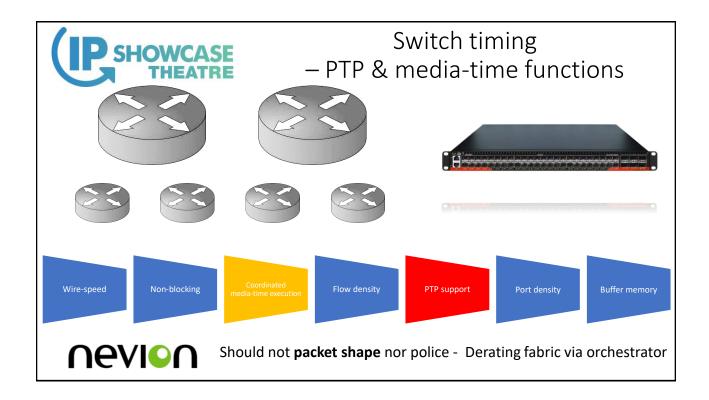
Mellanox AnalyzeX

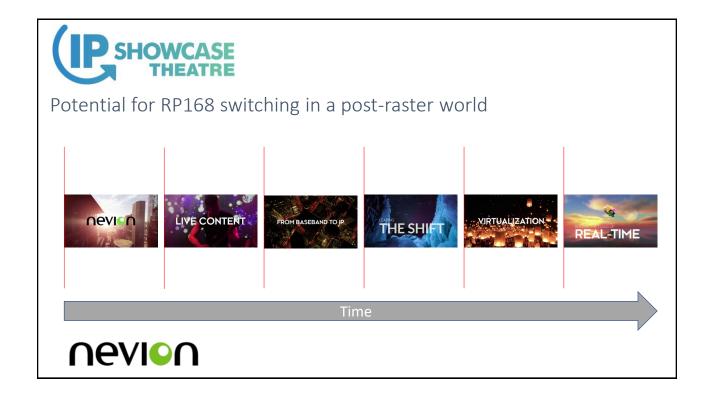
It works well!

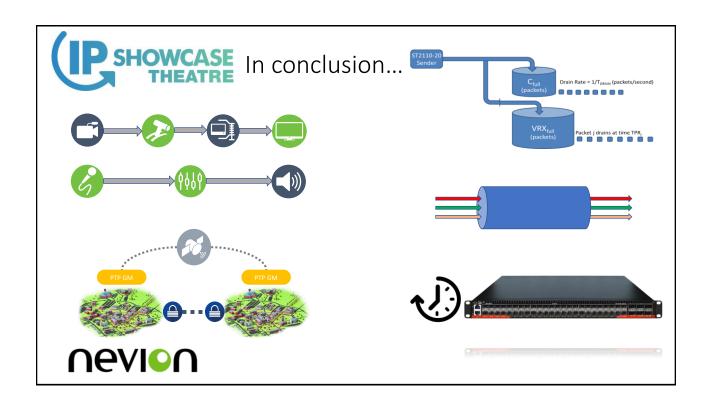


















## Thank You

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