Timing planes in IP production

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The VSF YouTube video channel

- lots of exciting diversified content!











Surely not Rayner talking about time again!







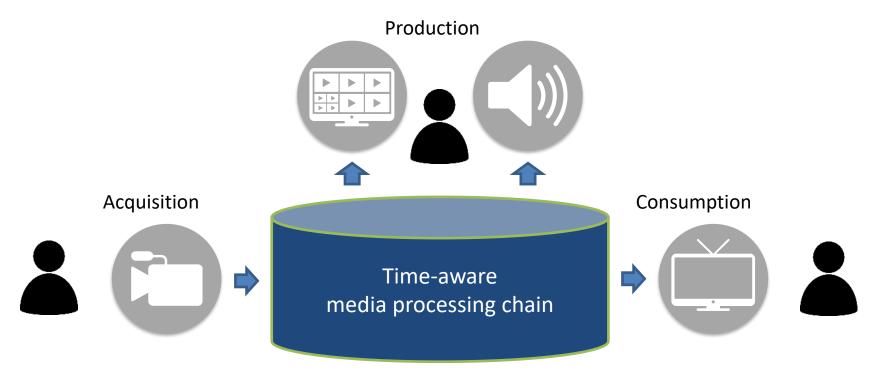
Timing planes in IP production

- The current situation
- The need
- The solution
- Call to arms!





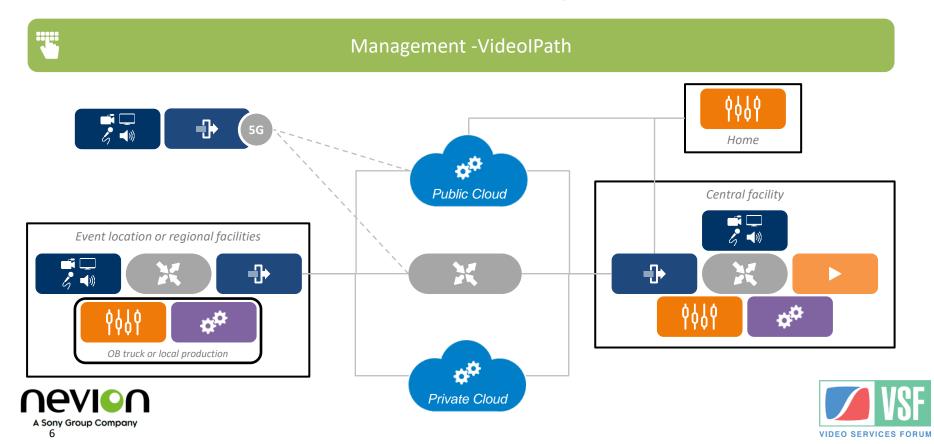
The broadcast end game



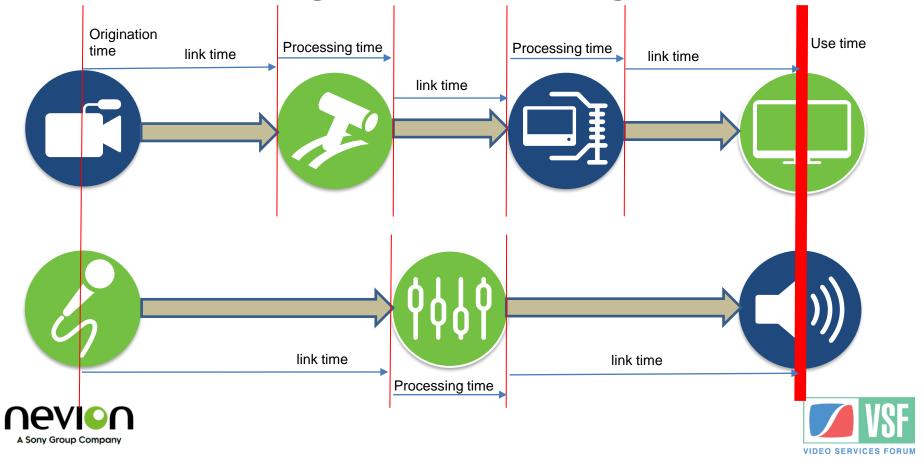




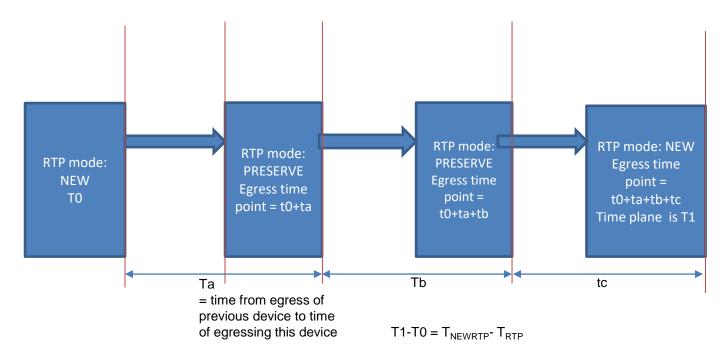
Towards distributed production



Reconciling essence timings for use

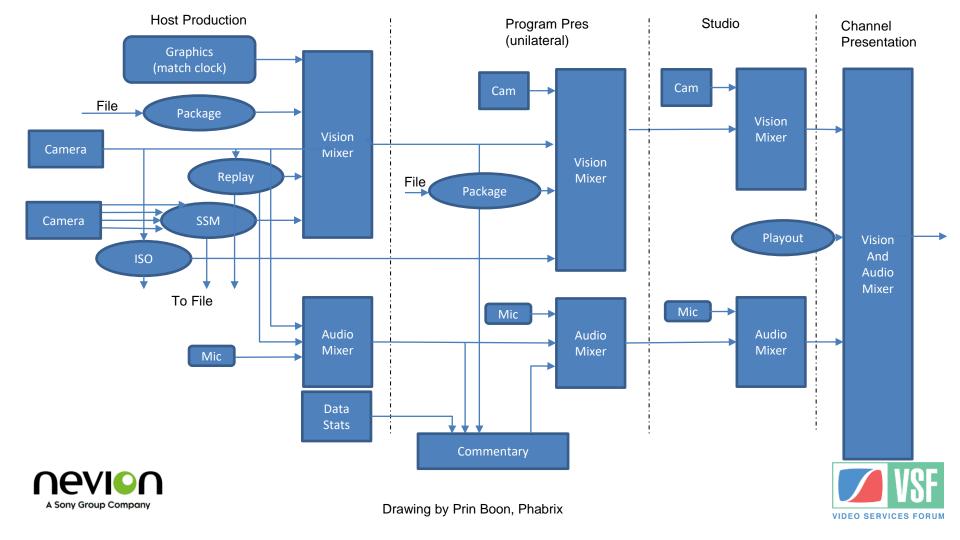


Timing propagation through system

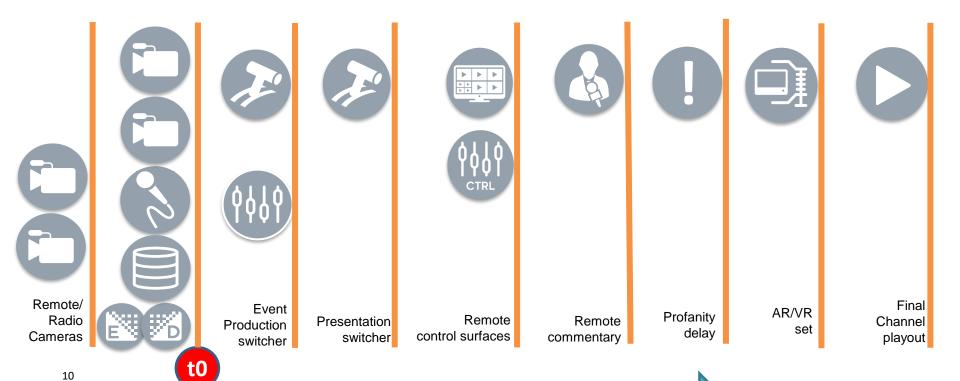








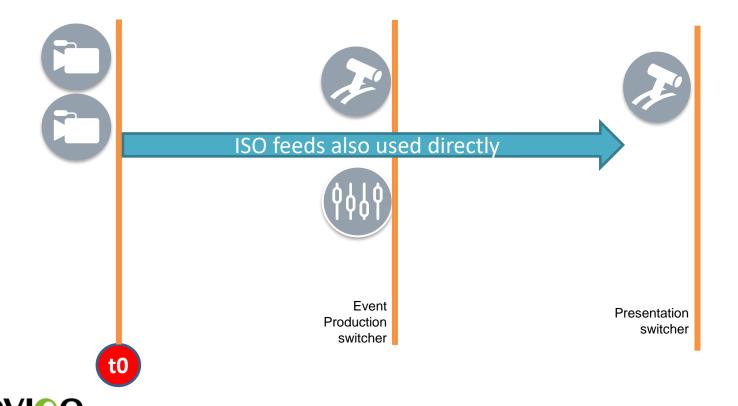
Example production timing planes







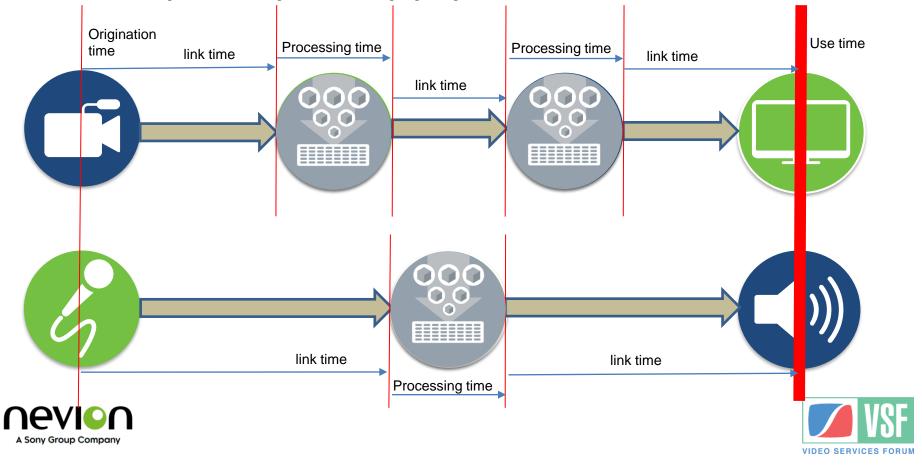
Example of sources that cross timing planes



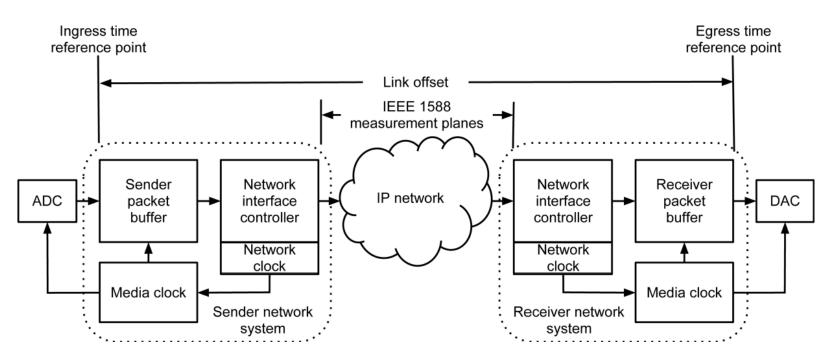
A Sony Group Company



Same principles apply in virtualized world



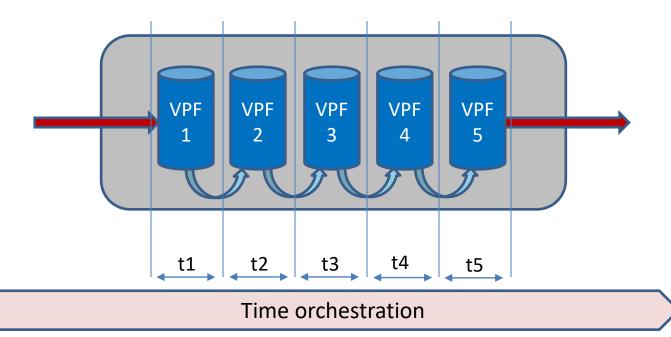
AES67 link timing





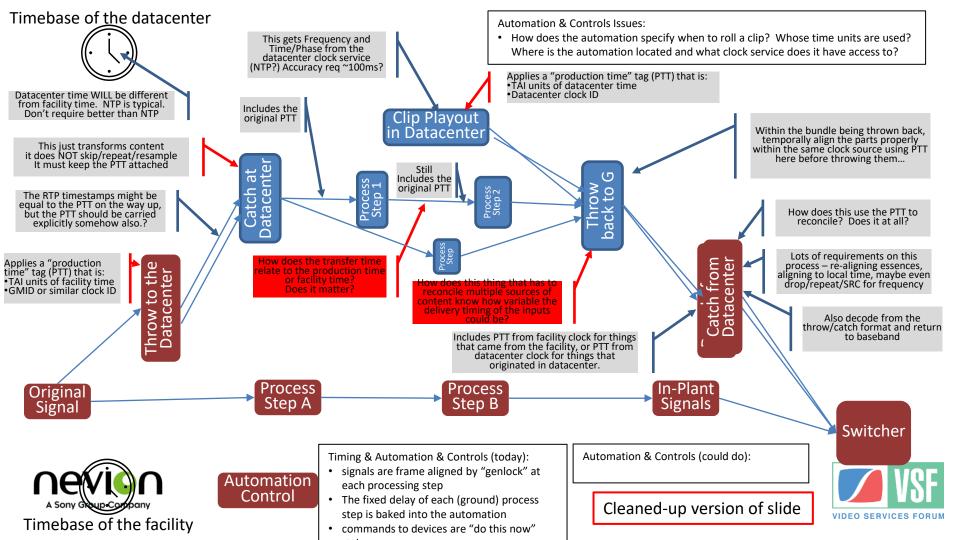


Concatenated virtual processing functions, each with defined (max) execution time

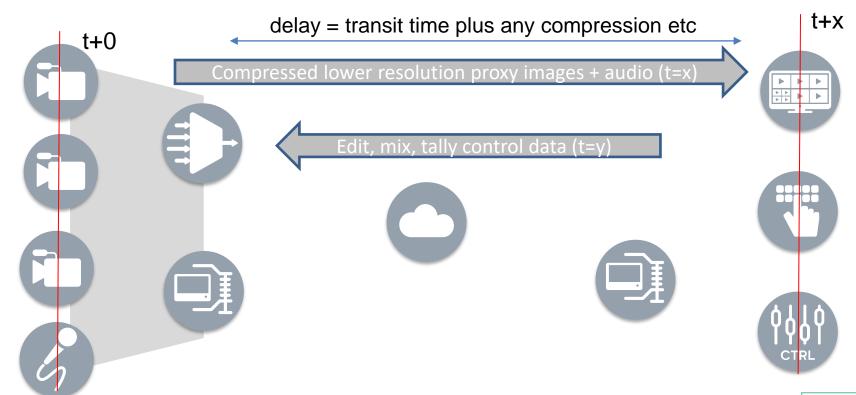






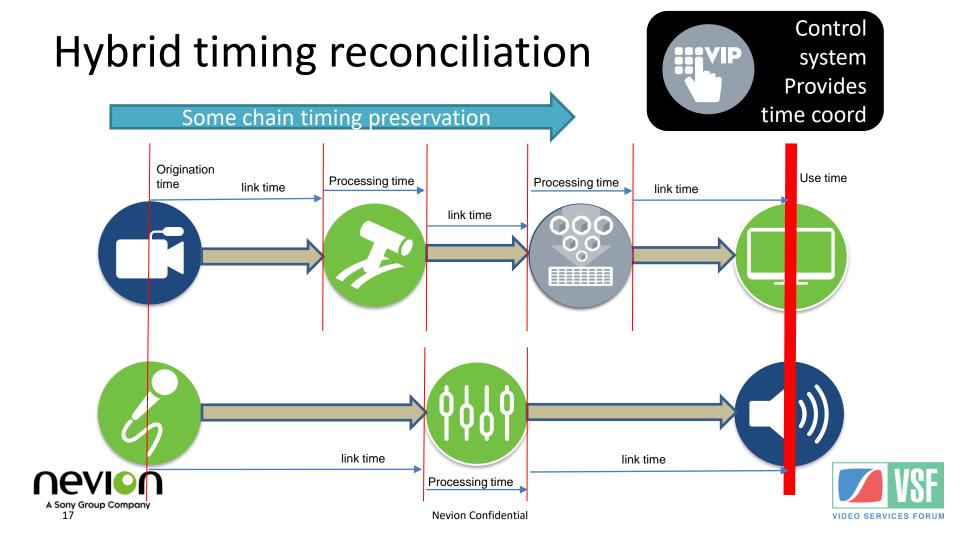


Proxy remote production timing



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What is needed to make this work

Control system provides time coordination



All media processing devices throughout chain provide necessary information and accept required configurations





Proposed wording of aim of RP/EG:

Draft an Recommended Practice document that defines a workable ecosystem to provide 'automatic' reconciliation of media essence timing at any point along a production chain.





Do consider getting involved

- Send a 'user story' for requirements
- Send in any 'gotchas'
- Join the team!





Thank you!

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