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IP SHOWCASE THEATRE AT IBC - SEPT. 14-18, 2018



Agenda

- Context
- SRT Protocol Fundamentals
 - Protocol Flow
 - Packet Structure
 - Security / Encryption
 - Overhead & Latency
- Real-Life Implementations & Lessons Learned
- Q&A

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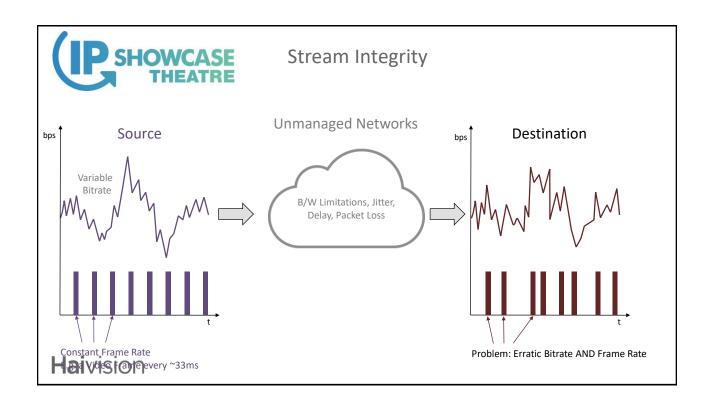
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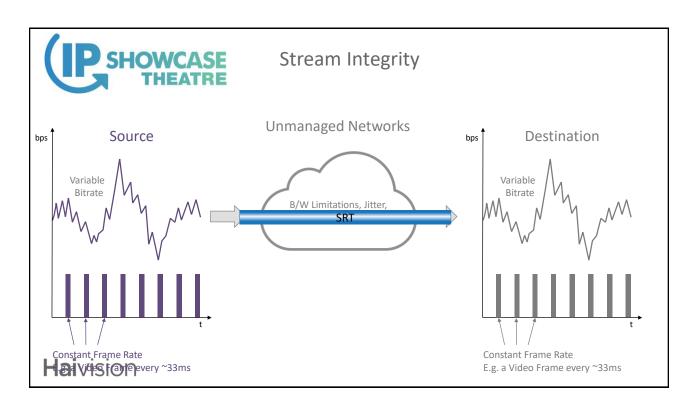


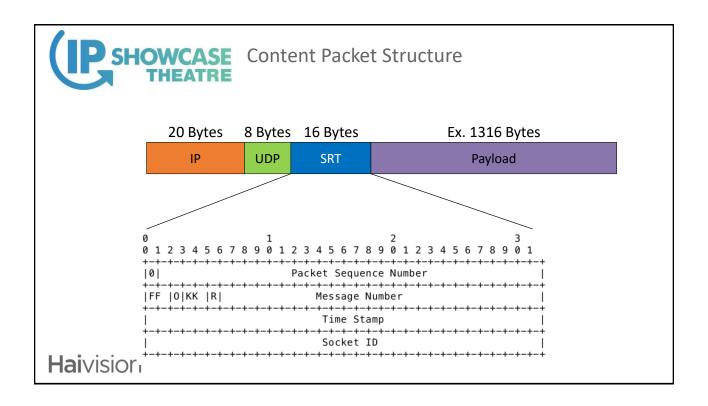
- Stream integrity
- Content protection
- IT friendly

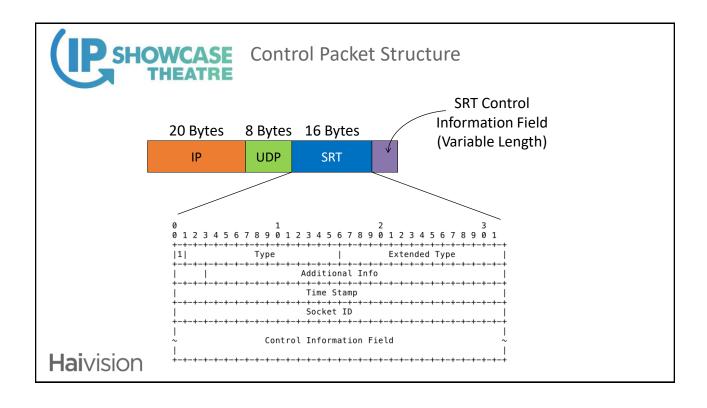
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Content SRT SRT Content Device A 9 8 7 6 5 4 3 2 1 NAK 2 NAK 5.6 Haivision







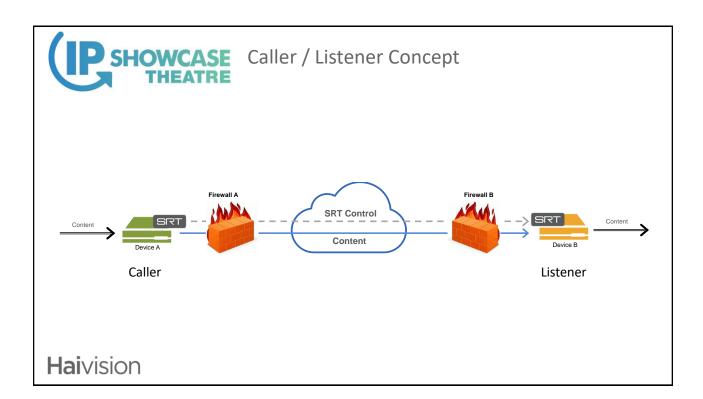


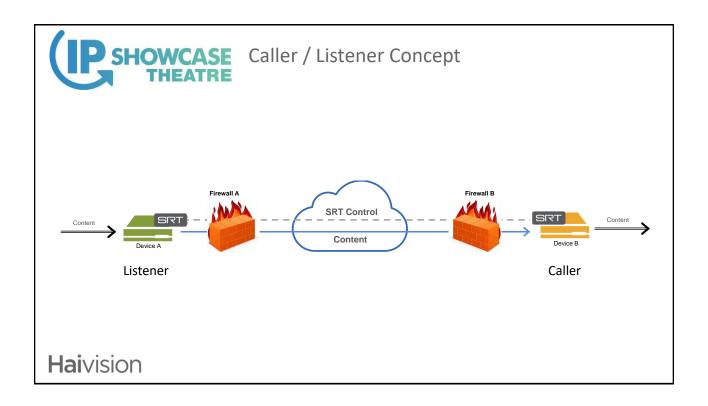


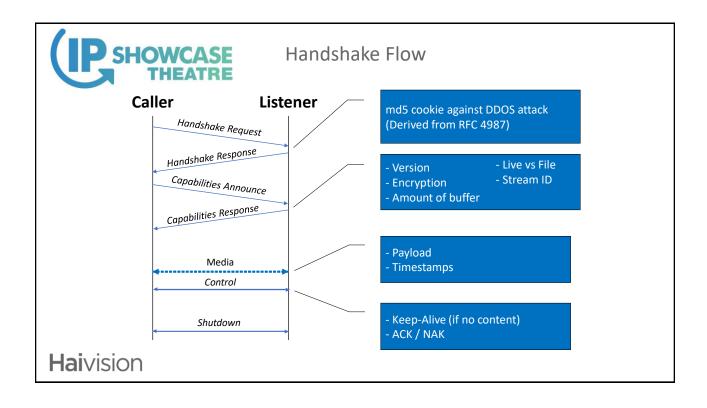
Security & Encryption

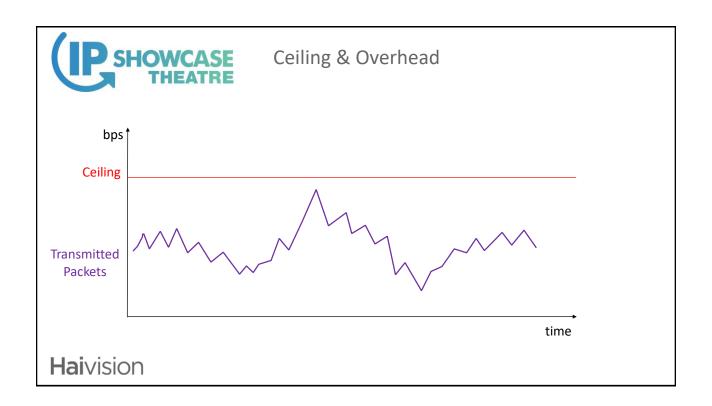
- DDOS Attack prevention
- AES 128/192/256-Bit Encrypted
- Payload encrypted with cipher in AES-CTR mode
- Secret / pass-phrase is not part of the protocol (application layer)

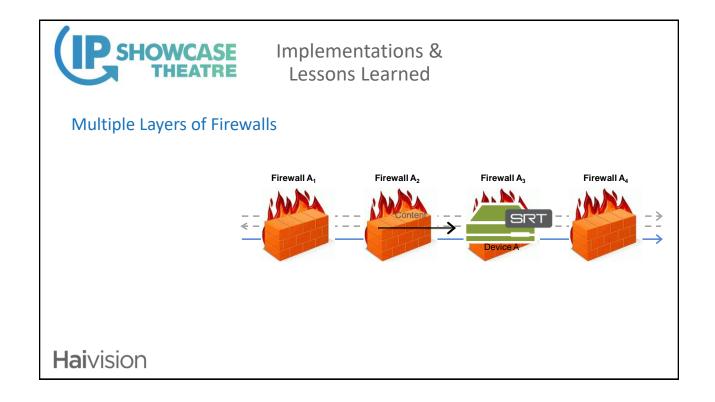
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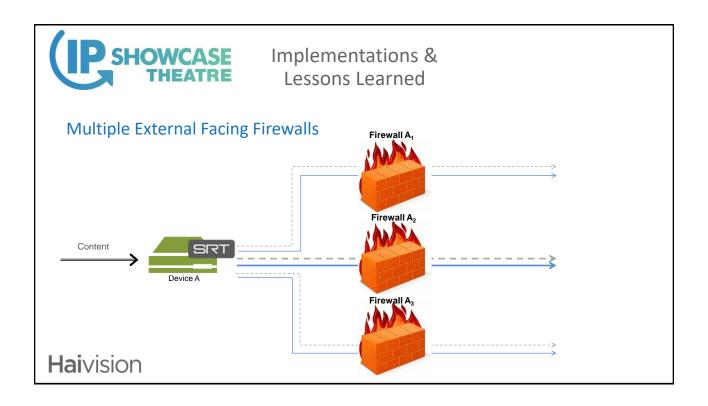


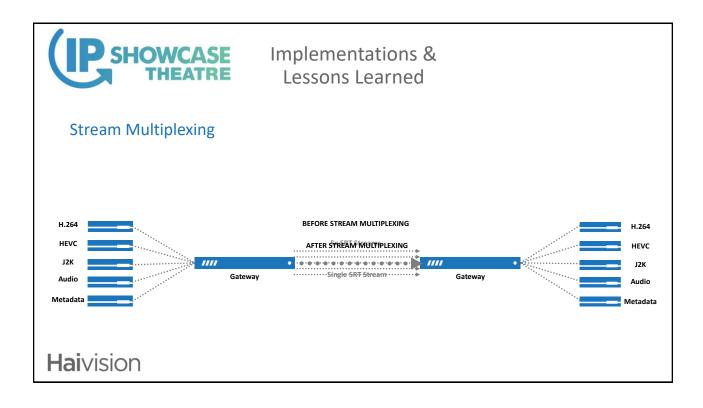


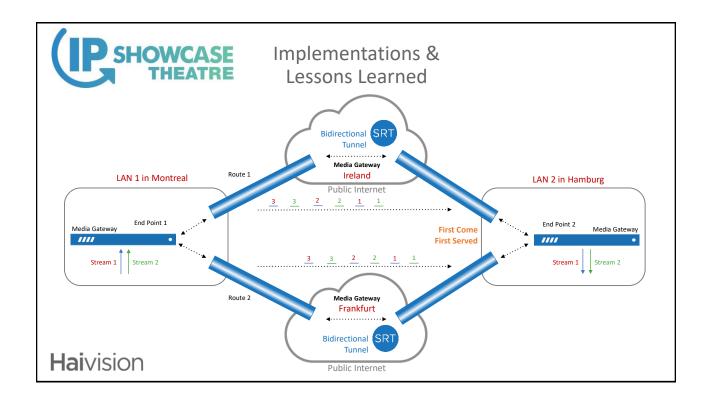


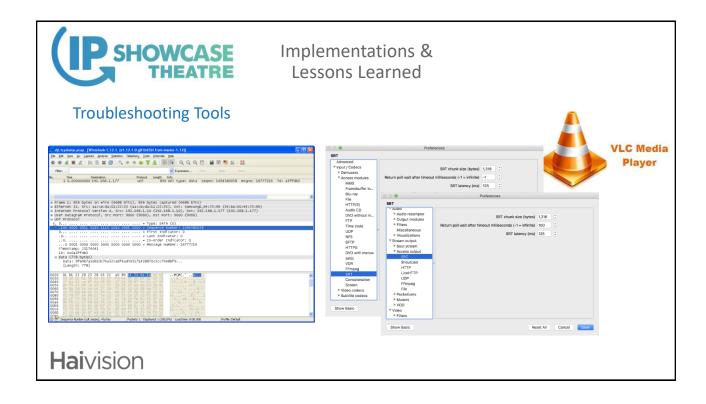


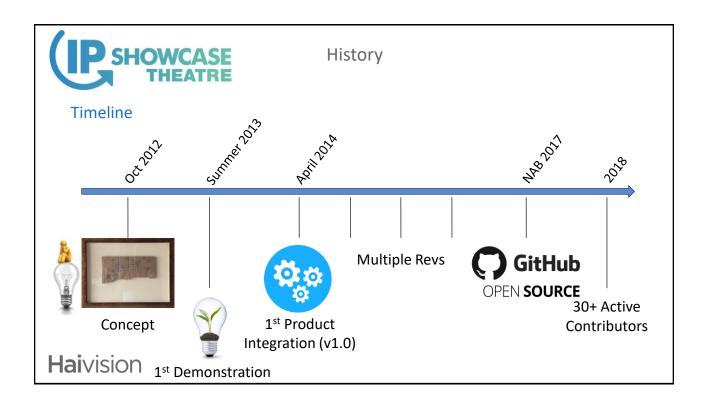
















Thank You

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