RIST
Reliable Internet Stream Transport Update

Rick Ackermans

MVA Broadcast Consulting

VSF
VIDEO SERVICES FORUM

- **The RIST Activity Group has been holding weekly meetings on Wednesdays at 11 AM ET.**
- **90 meetings as of May 8th, 2019.**
- **We published TR-06-1 "Simple Profile" in October of 2018 which is available on the VSF website.**

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VSF
VIDEO SERVICES FORUM

**Video Services Forum (VSF)
Technical Recommendation TR-06-1**

Reliable Internet Stream Transport (RIST)
Protocol Specification – Simple Profile

October 17, 2018
VSF_TR-06_2018_10_17

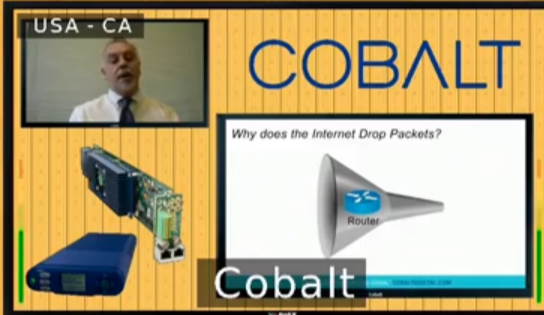|		
Merrick Ackermans (MVA Broadcast Consulting)	Sergio M Ammirata (DVEO)	Paul Atwell (Media Transport Solutions)
Uri Avni (Zixi)	John Beer (QVidium)	Ghislain Collette (Haivision)
Magnus Danielson (NetInsight)	Israel Drori (Zixi)	Eric Fankhauser (Evertz)
Ronald Fellman (QVidium)	Michael Firth (Nevion)	Rafael Fonseca (Artel)
Oded Gants (Zixi)	Peter Keys (Charter Communications)	Holger Klaas (Nevion)
Brian Matherly (Sencore)	Ciro Noronha (Cobalt Digital)	Andy Rayner (Nevion)
Steve Riedl (Turner)	David Robison (CenturyLink)	Adi Rozenberg (VideoFlow)
Bob Ruhl (VSF)	Wes Simpson (Telecom Product Consulting)	Adam Yellen (Haivision)

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RELIABLE INTERNET STREAM TRANSPORT

Reliable Internet Stream Transport

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- **The RIST AG did a interop demo via the Internet at NAB.**

- **RIST AG is currently working on TR-06-2 "Main Profile"**
- **Extremely Preliminary**

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Video Services Forum (VSF)
Technical Recommendation TR-06-2

Reliable Internet Stream Transport (RIST)
Protocol Specification – Main Profile

Preliminary
Working Draft

May 8, 2019

VSF_TR-06_2019_05_08

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BY-ND

VSF TR-06-2

Reliable Internet Stream Transport

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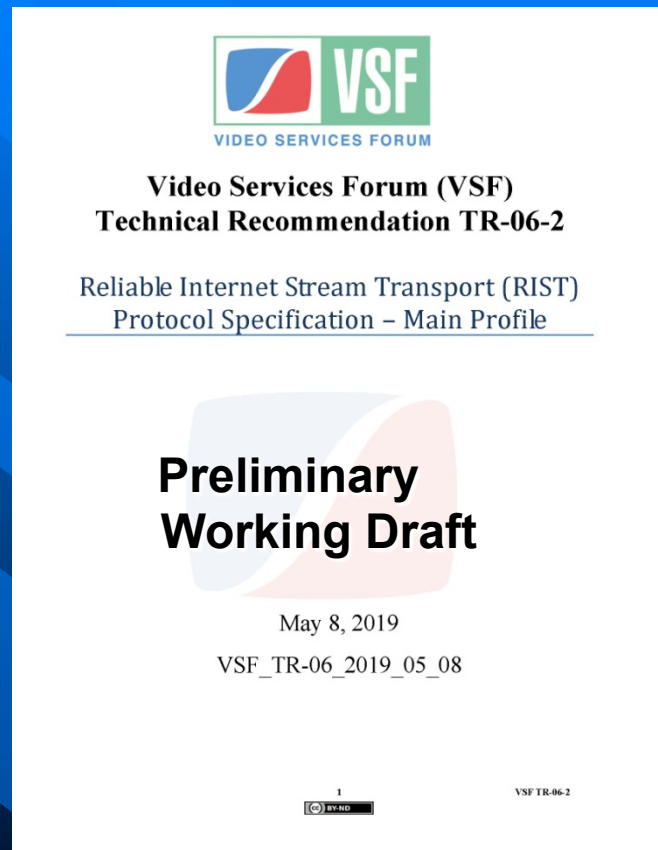
- **The Primary undertaking of TR-06-2 will be security.**

- **The RIST AG had decided (absolutely positively, more or less, for the most part) to use DTLS for security with RFC 8086 as a tunnel.**

- **What is the future and what will be supported in -3.**
- **Still to be determined.**
- **Further support for multicast or other methods of multi user streaming.**
- **Support for internet protection for Satellite streams*.**

* Note: This is an application that chair (aka Rick / Me) is pushing and has not been approved by group.

- **The RIST Forum is an independent marketing entity for RIST.**

Reliable Internet Stream Transport