RTP Payload Format for TSVCIS Codec

draft-demjanenko-payload-tsvcis-00

101st IETF - London, UK

Audio/Video Transport Payloads WG

Thursday, 22 March 2018 13:30-15:30

TSVCIS Codec

- **Tactical Secure Voice Cryptographic Interoperability Specification**
  - Based on Naval Research Lab's (NRL's) Variable Data Rate (VDR) Speech Codec
  - Scalable narrowband voice codec augmenting the MELPe encoded parameters
  - Includes MELPe 2400, 1200, and 600 bps rates
  - 22.5, 67.5, and 90 ms respective frame rates
  - Uses a variable number of LSF parameters packed into octets (up to tcmax)
  - Gateways/receivers may pass/use fewer LSF octets

Draft Review Status

- ## Submitted 10/13/17
  - Reviewed out-of-band
  - No significant text changes so far (minor corrections only)
  - Being considered by various entities
  - Public support is important and should be forthcoming
  - Would like IETF draft status to promote the use of a MELPe compatible RTP transport method (extends RFC 8130)

Future

- Asking for workgroup adoption
- Promote to IETF draft
- Complete as RFC

Contact

Victor Demjanenko, Ph.D.
VOCAL Technologies, Ltd.
520 Lee Entrance, Suite 202
Buffalo, NY 14228, USA
Phone: +1 716 688 4675
Email: victor.demjanenko@vocal.com