



## **EVS Patent Portfolio License Briefing\***

**\*This presentation is for information purposes only. Actual license agreements provide the only definitive and reliable statement of license terms.**

# Objective

- Offer an alternative license for the convenience of users enabling them to acquire patent rights necessary for the EVS Standard (see slide 3) from multiple patent holders in a single transaction as an alternative to negotiating separate licenses

# Coverage

- **EVS Standard as defined in**
  - 3GPP TS 26.441 "Codec for Enhanced Voice Services (EVS); General Overview"
  - 3GPP TS 26.442 "Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point)"
  - 3GPP TS 26.443 "Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point)"
  - 3GPP TS 26.444 "Codec for Enhanced Voice Services (EVS); Test Sequences"
  - 3GPP TS 26.445 "Codec for Enhanced Voice Services (EVS); Detailed Algorithmic Description"
  - 3GPP TS 26.446 "Codec for Enhanced Voice Services (EVS); AMR-WB Backward Compatible Functions"
  - 3GPP TS 26.447 "Codec for Enhanced Voice Services (EVS); Error Concealment of Lost Packets"
  - 3GPP TS 26.448 "Codec for Enhanced Voice Services (EVS); Jitter Buffer Management"
  - 3GPP TS 26.449 "Codec for Enhanced Voice Services (EVS); Comfort Noise Generation (CNG) Aspects"
  - 3GPP TS 26.450 "Codec for Enhanced Voice Services (EVS); Discontinuous Transmission (DTX)"
  - 3GPP TS 26.451 "Codec for Enhanced Voice Services (EVS); Voice Activity Detection (VAD)"

# Coverage

- Each patent is essential to the EVS Standard (slide 3)
- Patent holders submitted patents for evaluation of their essentiality by independent patent experts
- Worldwide coverage (including essential counterparts)
- Licensors include all essential patents

# Coverage

- Patent List (Attachment 1) to the License is updated regularly
  - <http://www.mpegla.com/main/programs/EVS/Pages/PatentList.aspx>
- Coverage from first market use of EVS by Licensee
- New Licensors and essential patents may be added at no additional royalty during the current term

# Current Patent Owners

- Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.
- JVC KENWOOD Corporation
- Nippon Telegraph and Telephone Corporation (NTT)
- NTT DOCOMO, INC.
- Panasonic Corporation
- Telefonaktiebolaget LM Ericsson

# License Grants and Royalties

- **EVS Clients and EVS Mobile Clients (per unit)**
  - 0 to 50,000 Units/year (available to one Legal Entity in an affiliated group) US \$0.00
  - 50,001 to 10 million Units/year US \$0.70
  - 10,000,001 to 20 million Units/year US \$0.60
  - 20,000,001 to 50 million Units/year US \$0.50
  - 50,000,001 to 100 million Units/year US \$0.45
  - Units in excess of 100 million annually US \$0.40
- **EVS Network Devices**
  - Royalties waived during the initial term
- **Related Terms**
  - Royalties payable for products from January 1, 2016 forward
  - Includes right to make, use and sell

# Term

- **Current term through December 31, 2022**
- **Renewable for successive 5-year periods for the life of any Portfolio patent on reasonable terms and conditions**
- **Rate Protection on Renewal – royalties for EVS Clients and EVS Mobile Clients will not increase by more than 20% at each renewal**



# Other Important Provisions

- **Most Favorable royalty rates clause**
- **Licensee data is protected as confidential**
- **Grant-back on essential patents similar in scope to license grants**