MPEG-2 Systems Patent Portfolio License Briefing*

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

• Each patent in the MPEG-2 Systems Patent Portfolio License is essential for implementing the MPEG-2 Systems Standard:
  o ISO documents IS 13818-1 (including annexes C, D, F, J and K)
• Coverage under those patents is for the use of the MPEG-2 Systems Standard in products without licensed MPEG-2 video decoders or encoders
Coverage

• “Essential” is defined, in the context of the main profile, as well as for a given legal jurisdiction of patent authority, as
  o Directly documented on MPEG-2 Systems standard and the following annexes:
    • C. Program Specific Information
    • D. ITU-T Rec. H.222.0 Systems Timing Model and Application Implications
    • F. Graphics of Syntax for systems
    • J. Interfacing Jitter Inducing Networks to MPEG-2 Decoders
    • K. Splicing Transport Streams

• Patents covering specific implementations are not essential and are not in the Portfolio
Coverage

Owners of MPEG-2 Systems Patents in the Portfolio:

- Alcatel Lucent
- Cisco Technology, Inc.
- GE Technology Development, Inc.
- General Video, LLC
- Hewlett Packard Enterprise Company
- Hitachi, Ltd.
- JVCKENWOOD Corporation
- Koninklijke Philips N.V.
- Mitsubishi Electric Corporation
- Sony Corporation
- Thomson Licensing
Coverage

• Licensors include all of their essential patents worldwide*
• Attachment 1 to the MPEG-2 Systems Patent Portfolio License is updated regularly*

*Under the MPEG-2 Systems Patent Portfolio License, royalties are payable for products manufactured or sold in countries with an active MPEG-2 Systems Patent Portfolio Patent at the time of manufacture or sale. Please note that the last US patent expired February 13, 2018, and patents are presently active in Malaysia.
Coverage

- See also [www.mpegla.com](http://www.mpegla.com) (Current Pools, MPEG-2 Systems, Essentiality) for a cross-reference chart showing illustrative essential claims
MPEG-2 Systems License Terms: Summary¹

- License Term Summary
  - MPEG-2 Systems Patent Portfolio License covers devices in products that use the MPEG-2 Systems Standard without MPEG-2 video encoders and decoders
  - Royalty is ¥20 per Mobile MPEG-2 Systems Signal Receiver² and $0.25 per other MPEG-2 Systems Devices
  - The License is renewable for successive five-year periods for the life of any MPEG-2 Systems Patent Portfolio Patent, subject to reasonable amendment of royalty terms and rates (not to increase for a specific sublicense by more than 10%). Current royalty rates (above) apply through December 31, 2020.

¹This summary is for information purposes only. The MPEG-2 Systems Patent Portfolio License provides the only definitive and reliable statement of license terms.
²“Mobile MPEG-2 Systems Digital Receiver” shall mean a device that cannot receive an MPEG-2 Systems Standard compliant signal except via wireless communication according to a mobile wireless broadcast standard such as the ARIB Specifications for “1-segment” receivers (1seg), TIA-1099 (MediaFLO), TTAS.KO-07.0027 (S-DMB), ETSI TS 102 427 and ETSI TS 102 428 (T-DMB), Doc. A/153 ATSC-M/H Standard Parts 1-8, and ETSI EN 302 304 (DVB-H) standards.