



MPEG-2 Systems Patent Portfolio License Briefing*

V07/03/18

***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:
 - 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**
 - **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.
- Hewlett Packard Enterprise Company*
- Hitachi, Ltd.*
- JVC KENWOOD Corporation*
- Koninklijke Philips N.V.*
- Mitsubishi Electric Corporation*
- Sony Corporation*
- Thomson Licensing

*Up to and through date of last patent expiration

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 remain active in Philippines and Malaysia after that date.**



Coverage

- See also 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.

