

# MPEGIF Logo Qualification Program

Version 1.0

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## Scope

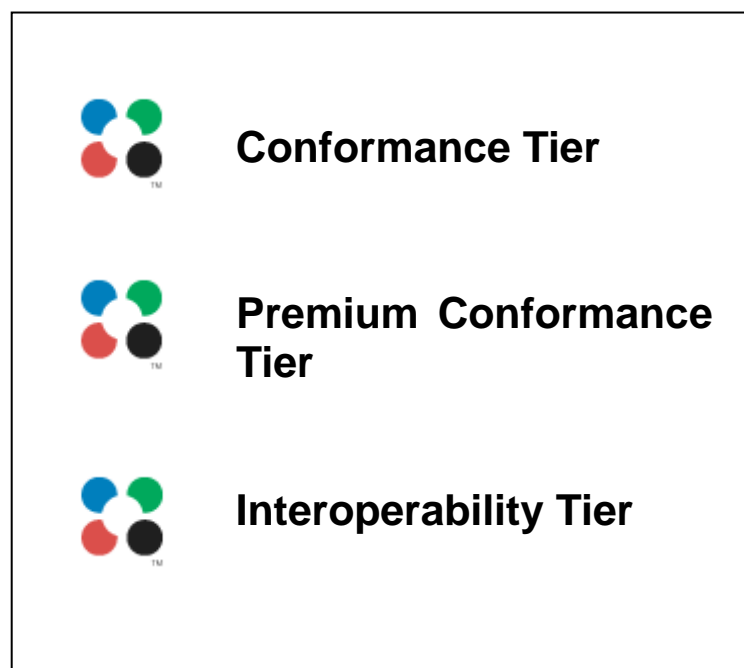
This document describes the MPEG Industry Forum Logo Qualification Program, and defines the procedures which participating companies must follow in order to qualify products to carry the MPEGIF Qualified Product logo (MP4).

The latest version of this document and updated information may be found at <http://logo.mpegif.org>

## Introduction

One of the objectives of MPEGIF is to help establish a thriving market for MPEG related products and services. To that end, MPEGIF has created a 3-Tier program to promote MPEG conformance and interoperability:

### MPEGIF 3-Tier Logo Program



## Tier 1: Conformance Tier

The Conformance Tier provides a way for companies to gain the right to use the MPEGIF Logo on their qualified products and associated marketing material. Products that are qualified to use the MPEGIF Logo will also be listed in the MPEGIF Qualified Products Directory.

A company can earn the right to use the Logo by submitting to MPEGIF a Declaration of Conformity (DoC) together with a Qualified Product Registration Application, an online form found at <http://logo.mpegif.org> for each product of interest. The DoC is a signed statement from the company that, based on the company's own testing, a particular product conforms to the relevant ISO/IEC MPEG technical standard(s). The company must also execute the MPEGIF Logo & Trademark License Agreement (the agreement need only be executed once to cover all DoC's and product registrations). All necessary documents, including the MPEGIF Logo Usage & Style Guideline, may be found at the MPEGIF Logo home page: <http://logo.mpegif.org>

## Tier 2: Premium Conformance Tier

The Premium Conformance Tier provides a way for products to be recognized at a higher level of MPEGIF qualification. On achieving MPEGIF Premium Conformance for a product, that product will be listed in the MPEGIF Qualified Product Directory and the company will be presented with a certificate or similar acknowledgement that provides product details (such as product name and model number) and the fact that the product has earned MPEGIF Premium Conformance Qualification. A company that has earned MPEGIF Premium Conformance Qualification for a product will have also earned rights to carry the MPEGIF Logo, upon submission and acceptance of the MPEGIF Logo & Trademark License Agreement.

MPEGIF Premium Conformance Qualification is obtained by following specific testing and validation steps:

**DECODER:** A decoder product may earn MPEGIF Premium Conformance Qualification at a particular Profile and Level if it correctly decodes all conformance test streams in the relevant Qualification Stream Set for that particular Profile and Level. The Qualification Stream Set contains standard MPEG conformance streams that are drawn from those published by the Joint Video Team ([ISO/IEC Moving Picture Experts Group](#) (MPEG) and [ITU-T Video Coding Experts Group](#) (VCEG)). Qualification Stream Sets may be downloaded from the Manufactures' Private Area at <http://logo.mpegif.org/>.

**ENCODER:** An encoder product may earn MPEGIF Premium Conformance Qualification by obtaining endorsement from 3 companies with decoders that have already earned MPEGIF Premium Conformance Qualification. The endorsement is a statement from the decoder company that a relevant stream set generated by the encoder company was correctly decodable without problems. If requested, MPEGIF will be glad to provide assistance to match encoder and decoder companies.

**OTHER PRODUCTS & SERVICES:** Any other product and service may earn MPEGIF Premium Conformance Qualification by following the encoder or decoder process.

Note that obtaining MPEGIF Premium Conformance Qualification is a self-qualification process. For visual bit streams, successful decoding means that a stream is decoded without perceivable error (in terms of syntax or visible artifacts), and the decoded image sequence is recovered with reasonable visual quality. Similarly for audio bit streams, the decoded audio is

recovered and can be played back with reasonable audio quality, and no syntax problems or audible artifacts are detected. In order to complete the qualification procedure, a company will need to sign and submit to MPEGIF a legal agreement attesting to the fact that the testing criteria have been met.

## **Tier 3: Interoperability Tier**

Interoperability is the key characteristic of standards-based system implementations. From time to time, MPEGIF organizes extensive interoperability tests as a service to companies with MPEG-based encoder, decoder, and related products.

The goals of the work are as follows:

- Testing products, debugging them, and correcting interoperability problems. Sometimes this also reveals details of the MPEG-4 specification that may be unclear or ambiguous;
- Showing and demonstrating to potential users of MPEG-4 technology that MPEG-4 products are indeed interoperable;
- Facilitating the MPEGIF Logo Qualification Program.

Typical Interoperability Test Rounds involve the offline exchange or proprietary test streams. MPEGIF provides appropriate Mutual Non-Disclosure and Licensing Agreements to help protect the interests of all parties.

## **Contact Information**

The terms of the MPEGIF Logo Qualification Program are subject to change from time to time. Before using any MPEGIF logo or engaging in qualification activities, please check for any updates to the program and rules. For the latest information on the MPEGIF Logo Qualification Program, including the latest version of this document, please go to the MPEGIF Logo Qualification Program web site: <http://logo.mpegif.org/>

If you have additional questions about the program, please contact:

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