

**VESA**

# DisplayPort Compliance Program Update Dec. 12, 2012





# Successful Transition to New DisplayPort Logo Policy

Implemented May 1, 2012

- VESA's DisplayPort standard is in a critical stage in its evolution toward achieving wide-spread adoption
- Increasingly important that DisplayPort fulfill the brand's promise in interoperability and that it "just works"
- Changes are aimed at providing assurance to the global consumer base that products marked with the DisplayPort, DisplayPort ++ and Active Cable logos will perform as advertised and promised by the member organization





# Advantages of the New Logo Policy

- All products bearing a DisplayPort logo will be tested for compliance at an ATC or via self-test
  - This will help to ensure DisplayPort fulfills the brand image by ensuring trouble-free user experience and ease-of-use
  - Avoids potential complications and negative public opinion



# Requirements of the New Logo Policy

- VESA Membership\* required for use of all DisplayPort trademarks
  - Membership helps to support VESA technical developments and promotional infrastructure
  - Assures OEM is using latest standard
  - Encourages PlugTest participation
- The product must be certified (ATC or self-test)
- Must have a signed Trademark License Agreement on file with VESA

\* An authorized reseller of a VESA member may use the trademarks





# Quick Facts

- 244 DP products certified so far this year





# New Marketing Documents

- DisplayPort Marketing Guideline
  - Promote marketing usage conventions for DisplayPort-enabled products
  - Covers DP 1.2 advanced feature naming
- DisplayPort, MyDP and eDP Messaging Guideline
  - Provides consistent language and unified messaging
  - Includes both a short and extended version, for each standard
  - Consistent messaging helps to build the brand and increase consumer acceptance and adoption



## The DisplayPort Logos

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- ✓ The VESA DisplayPort Trademarks include the following Logos:  
*(These are for reference only and are not to be used for reproduction)*

DisplayPort Logo



Dual-Mode DisplayPort Logo



DisplayPort Active Cable Logo



- ✓ VESA Policy regarding the use of these DisplayPort logos:
  - Logo use is governed by the VESA DisplayPort Trademark License Agreement
  - DisplayPort Logo use is limited to VESA member companies and their resellers
  - DisplayPort Logo use on products is limited to compliance tested DisplayPort products only, unless a waiver is received by VESA



# Naming Conventions for Optional DisplayPort Features

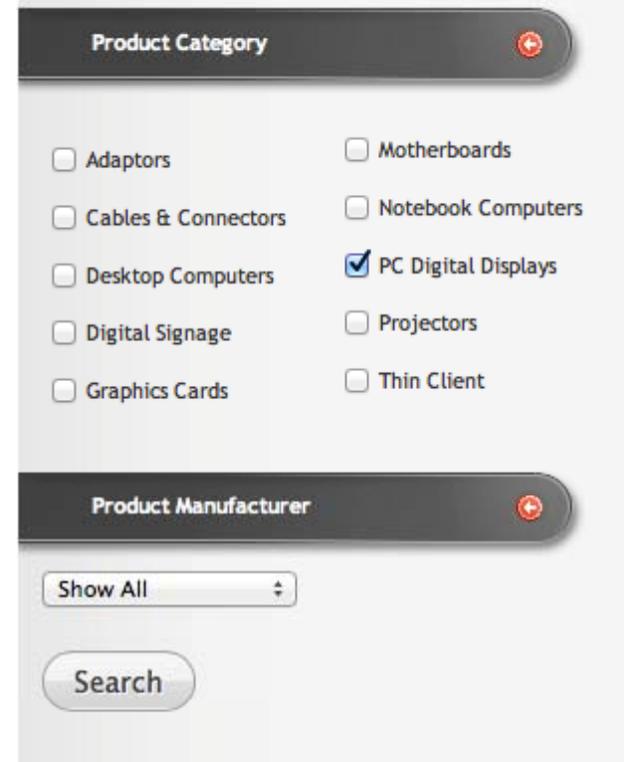
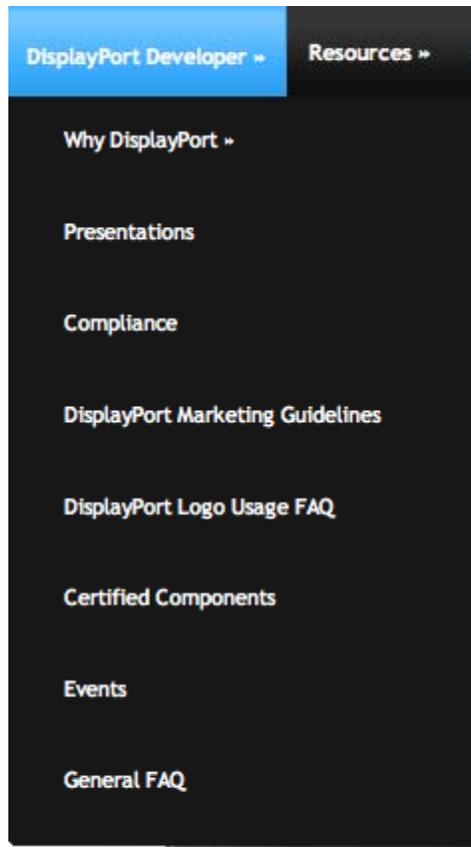
DisplayPort Specification Feature	Name Convention(s) for Product Marketing Use
Dual-Mode	Dual-Mode DisplayPort (Applies to upstream devices or adaptors) (Use of the Dual-Mode DisplayPort logo is optional)
HBR2	HBR2 (option: High Bit Rate 2)
MST	Multi-Stream Transport
HDCP	HDCP or HDCP Content Protection
Audio Only	Audio Only
Deep Color (must support 30 bits per color and 10 bits per component or greater)	Deep Color
DisplayPort 3D	DisplayPort 3D
High bit rate audio (IEC-61937 bit rates exceeding 6.144Mbps)	High Precision Audio
GTC (Global Time Code)	Accu-Sync
Mobility DisplayPort	MyDP (Applies to upstream devices) MyDP Enhanced (Applies to Sink devices)

*Please refer to the notes on the following slide regarding the use of the above naming conventions.*



# Website Updates

- Added DisplayPort Developer tab to vesa.org
- All products listed in the product database on displayport.org are certified





# New Standards/Specifications 2012

- DP 1.2a
- MyDP v1
- PHY CTS 1.2a And PHY CTS 1.2b
- DP Link CTS 1.2 Core Addendum 1
- Link CTS 1.2 Ext. Set 2
- Link CTS Core 1.2 v1.1
- DP Interop CTS v1
- DP Dual Mode Cable Adaptor CTS v1
- DP Certified Logo Requirements Test Specification v1
- DP Dual Mode Standard v1



# Standards Currently Under Development

- DP 1.2b
- eDP 1.4
- eDP 1.4 CTG Proposal
- DP Dual Mode Std v1\_1
- Dual-Mode CTS 1.1
- DisplayID v1.3
- DMT r1 v13
- CVT v1.2
- Link CTS 1.2 Ext. 1 r1.1
- MyDP v1.1
- MyDP CTS v1
- MPAC v1
- DSC v1
- VHSD Proposal



# How Can I Keep Up?

OK

**Subscribe to the Newsletter**

Good

**Check Work Zone for updates,  
meeting minutes and agendas**

Better

**Attend Task Group and sub-group  
weekly meeting**

Best!

**All of the above**



# Member and Non-member Newsletters



Dear VESA Members:

It's hard to believe that CES is just over a month away. Please stop by the DisplayPort booth (see story below) and witness the latest in DisplayPort technology. Also, don't forget the VESA Annual Meeting via teleconference on Wednesday, December 5 from 4:00 p.m. to 5:00 p.m. (PT). Please call in. Other topics discussed in this issue include:

- Wire-Free Dream Closer with Renewed WiGig VESA Collaboration
- VESA Experiences Acceleration of MyDP Adoption in Mobile Devices
- DisplayPort, MyDP and eDP Messaging Developed for Member Company Use
- DisplayPort Booth at CES
- CES Cross-Promotion
- VESA Task Group Activity
- Welcome New VESA Members

We hope that you find our newsletters informative. Please feel free to provide feedback or suggestions to [Bill Lempesis](#).





## **Compliance – What’s Required Now**

**All devices must meet “1.2” requirements**

**For “1.1” devices, not much change**

**For 1.2 “New Features”, some special tests**



# Compliance – Basic Requirements

**For All Devices:**

**PHY**

**Link**

**Interop**

**EDID**

**Self-Test or ATC Test OK**

**Self-test can be mixed self and third party**

**Only members can get devices certified**

**Only members can submit self-test**



## **Compliance – “New Features”**

**For HBR2:**

**Test Equipment vendors have updates**

**For MST:**

**We use a special Interop test kit with “validated” sources and 3 reference branch sinks – only available at ATCs**

**The kit will be replaced by commercially available devices when they ship in January, sources are shipping today**

**HBR2/MST Certification at ATCs only – for now**





# Compliance – Reporting

**For each device type, there is one test report for PHY, Link. EDID**

**There is one Interop report for all device types**

**Send Completed report to [dpcpm@vtmgroup.com](mailto:dpcpm@vtmgroup.com) for review and approval**

**Keep logs from test equipment for 1 year**



# Where do I find it?

**DP Logo Requirements & Compliance - VESA Document Center - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

WZ DP Logo Requirements & Compliance - VESA ...

https://vesa.sharedwork.com/wz/template/docmgr,Index.vm?docid=16047070&f=1&y=0&x=0

Most Visited Getting Started Latest Headlines OpenERP NERP Causeway

**VESA Document Center** select workspace Document Manager Log out

- VESA Standards
  - VESA Calendar
  - VESA Timelines
  - VESA Member Survey
  - December 2012 PlugTest
  - Membership Review (GMR)
  - 3D Task Group
  - DP Logo Requirements & Compliance**
  - DisplayPort Task Group
  - Display Stream Compression Task Group
  - Japan Task Group
  - Marketing Task Group
  - Mobility TG (Was Notebook TG)
  - MPAC Task Group
  - Newsletter
  - Bylaws/Policies
  - Intellectual Property

<input type="checkbox"/>	DisplayPort Ma			
<input type="checkbox"/>	DP Std Devices	DP Standard P		
<input type="checkbox"/>	DP Self-test			
<input type="checkbox"/>	VESA DisplayPort Trademark License Agreement v3.pdf	Mar 30, 2012 9:53 AM PDT Bill Lempesis PDF, 578 KB	<a href="#">Add a comment</a> <a href="#">Email link</a>	
<input type="checkbox"/>	DP Logo Test Req Spec v1.1.pdf	Mar 29, 2012 3:18 PM PDT Joan White DP Logo Test Requirements Specification v1.1 This is the main document. Read this first. PDF, 559 KB	<a href="#">Add a comment</a> <a href="#">Email link</a>	
<input type="checkbox"/>	Comp Prog FAQs.pdf	Feb 6, 2012 11:30 AM PST Joan White Compliance Program FAQs PDF, 81 KB	<a href="#">Add a comment</a> <a href="#">Email link</a>	
<input type="checkbox"/>	DP Cable Compliance Test Rep v1.doc	Feb 1, 2012 4:12 PM PST Joan White Cable Compliance Test Report DOC, 119 KB	<a href="#">Add a comment</a> <a href="#">Email link</a>	
<input type="checkbox"/>	DisplayPort Request for Waiver v1.doc	Feb 1, 2012 4:05 PM PST Joan White Application to Waive Logo Requirements	<a href="#">Add a comment</a> <a href="#">Email link</a>	

**VESA** Bob Crepps [my info](#) Powered by **WorkZone**

Helsinki: Thu 00:28 Beijing: Thu 06:28

DP Logo Requirements & Compliance Folder in WorkZone





## **What about Waivers?**

**Logo license waiver – used when product shipping before May 1 had the logo (icon)**

- **Allows a variance to the license agreement so non-certified product can have the logo**
- **Limited to product lifetime, most expire this year**

**Technical Waiver – when a product fails tests due to test equipment error, standards ambiguity**



**Thank you for your  
attention!**

**Questions?**