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

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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

Cumulative Certified Products 2012

Line chart titled "Cumulative Certified Products 2012" with y-axis labeled "Products" (0 to 680) and x-axis months Jan. through Nov. Data points: Jan. 366, Feb. 376, Mar. 427, Apr. 463, May 499, Jun. 517, Jul. 539, Aug. 549, Sep. 563, Oct. 578, Nov. 610.

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

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The DisplayPort Logos

✓ 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
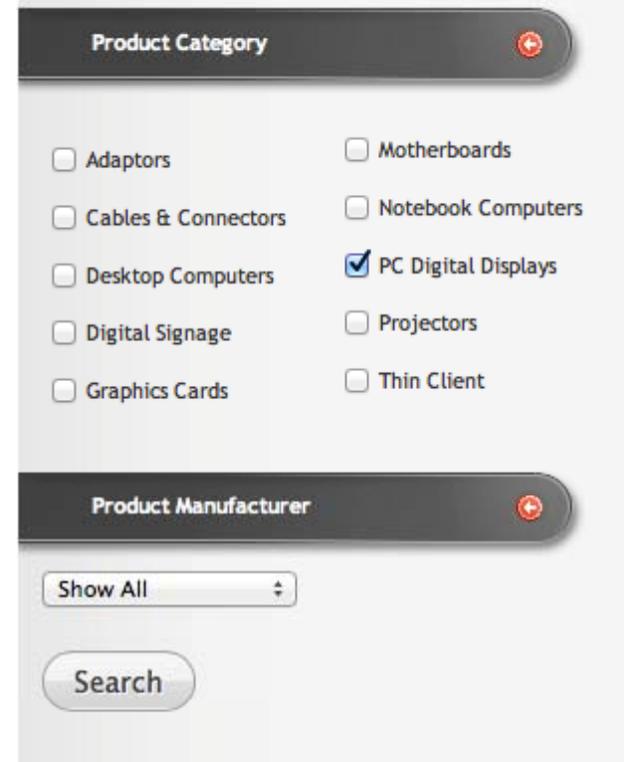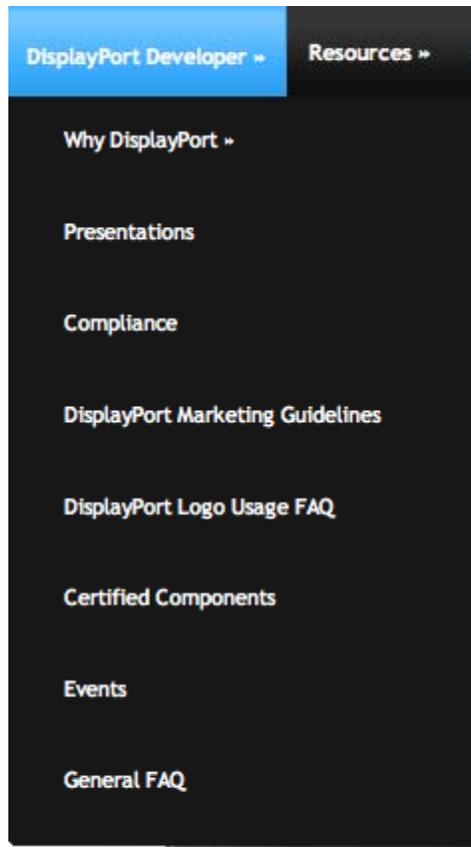
New Standards/Specifications 2012

- 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

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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**

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Member and Non-member Newsletters

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

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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

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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 for review and approval

Keep logs from test equipment for 1 year

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Where do I find it?

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?