

HDCP

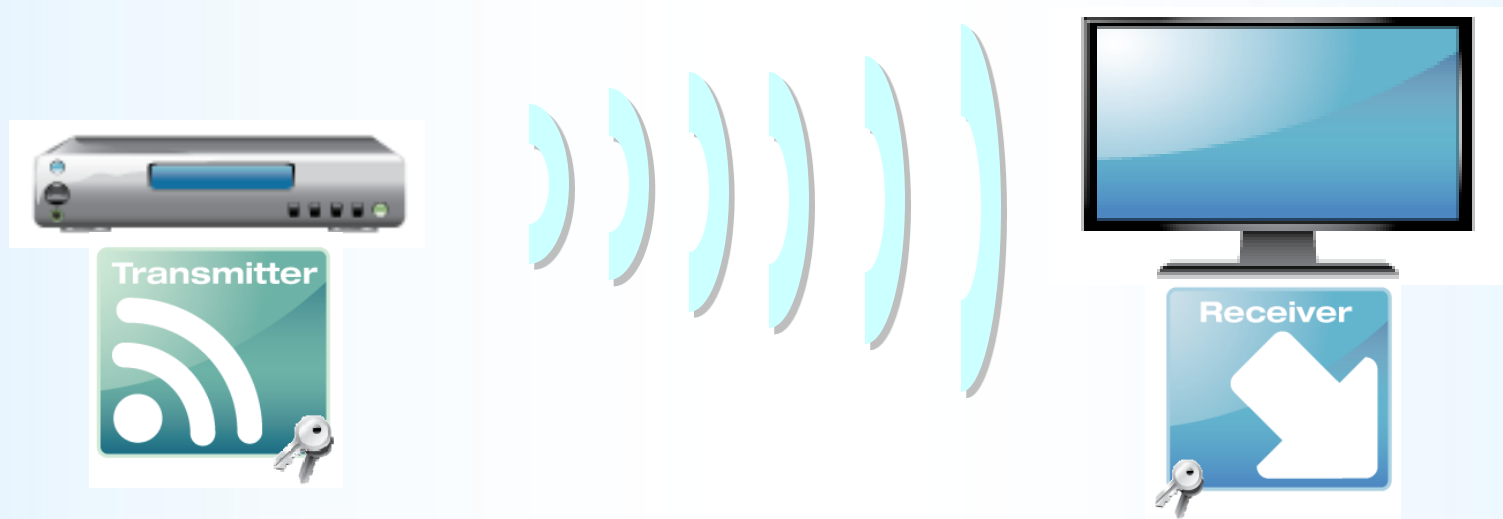
High-bandwidth Digital Content Protection

Content Protection for Digital Display Interfaces

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HDCP: A Protection Solution from Source to Display

- Industry-wide acceptance as an approved output: CSS, DTCP, CPPM/CPRM, AACSS, DFAST/CHILA, WMDRM, etc
- Over a billion HDMI interfaces with HDCP distributed worldwide
- Many major display interfaces supported: HDMI, DisplayPort, GVIF, DVI, DLI, UDI...



Interoperability

- Spec updates
 - Adopters are required to be in compliance with specification updates
 - Current revision of specification is 1.3
- DCP / CEA 861 hold two Interoperability “Plugfests” a year
 - Companies plug their respective products together in a week long event
 - DCP runs a test suite for HDCP specifically
 - Next CEA 861/HDCP PlugFest November 16 - November 21, 2008 at the Embassy Suites San Francisco Airport - Burlingame
- Active Market Monitoring
 - DCP continually researches, purchases and tests products that claim HDCP compliance
- Technical whitepapers – Updated Website www.digital-cp.com
 - DCP publishes HDCP technical overviews and is working with our industry partners on papers that outline best known implementation methods and testing of HDCP

Interoperability continued...

- Compliance
 - HDCP Compliance Test Specification
 - Compliance Test tools
 - Panasonic Universal Interoperability Test Analyzer – UITA-2000
 - Lease available from VTM for HDCP adopters
 - Quantum 882EA
 - Approved as test tool in September 2008
 - The first commercially and widely available HDCP Authorized Test Tool
 - Authorized Test Centers Worldwide:
 - DCP, LLC HDCP Lab, Oregon, USA
 - Allion Test Labs, Inc. Taipei, Taiwan and Tokyo Japan
 - NXP Semiconductors Caen, France
 - Panasonic Corporation Osaka ,Japan
 - Philips Electronics India Limited
 - Silicon Image North America, Germany, Shenzhen and Shanghai China,
 - Sony Corporation, Tokyo Japan

Summary

- HDCP continues to be deployed at a fast pace
- Specification related interoperability issues have been addressed
- Plugfests
- DCP actively monitors marketplace for HDCP compliance
- DCP will continue to release technical whitepapers
- Test tools are widely available
- Test labs established worldwide
- HDCP compliance part of Logo requirements for specific interfaces
- Discussion: What else should and can we be doing?

Thank You