



**HDMI**<sup>TM</sup>  
HIGH-DEFINITION MULTIMEDIA INTERFACE

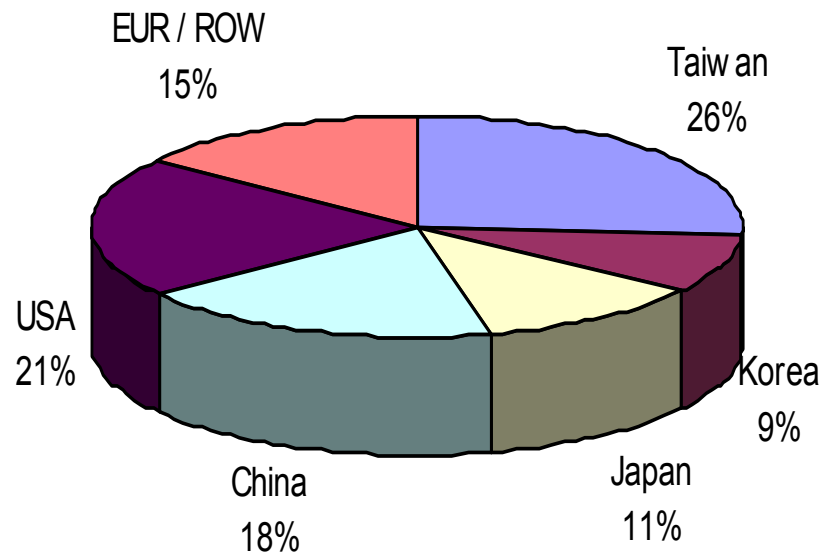
**CPTWG Update  
May 31, 2006**

# Agenda

- HDMI Adoption
- HDMI Enforcement Efforts
- HDMI New Developments

# Global HDMI Adoption

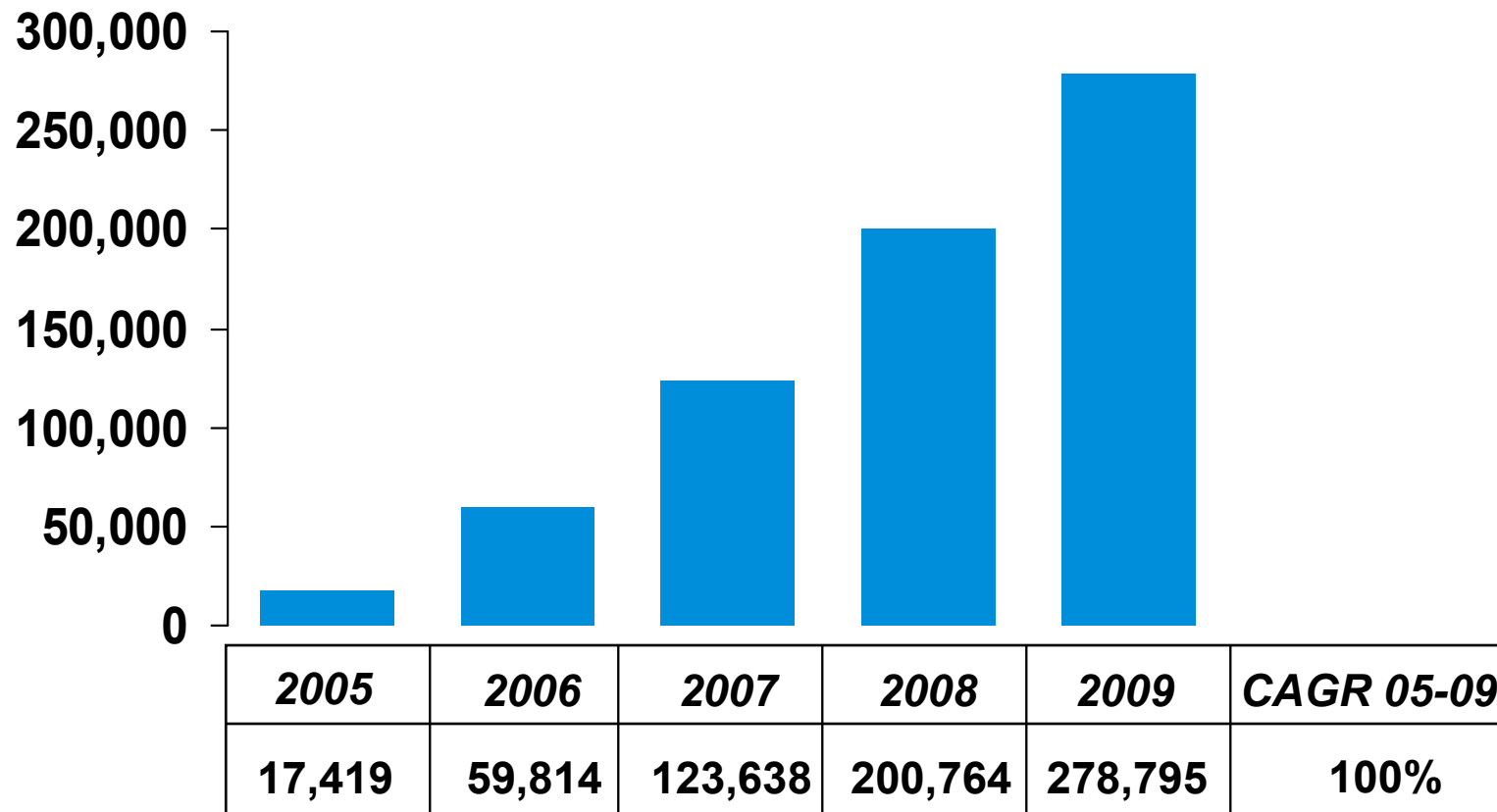
- Over 400 HDMI Adopters (300 in January)



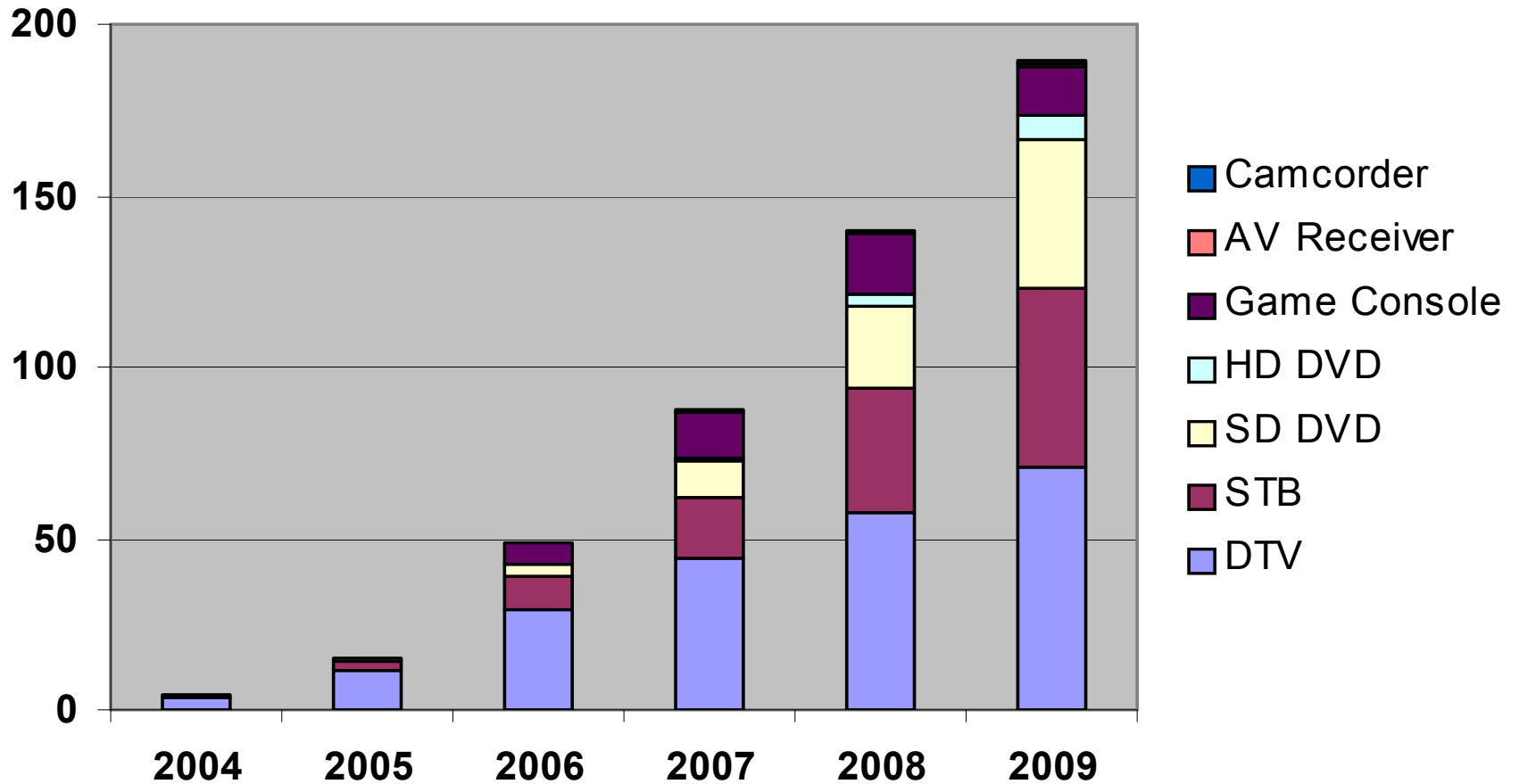
- Every product category
  - All home CE
  - PC
  - Mobile devices

# Rapid HDMI Growth

*Units in Thousands*



# HDMI Shipments by CE Segment



Source: InStat DVI/HDMI Report, Dec 2005

## HDMI Compliance and Enforcement

- HDMI LLC actively works with Adopters on compliance issues
  - Prefer Co-operative Approach
- Non-compliance with Specification
  - Taken over 75 enforcement actions for technical non-compliance
  - Includes HDCP non-compliance
  - 4 companies commit to recalls in last quarter
- HDCP creates majority of interoperability issues
  - Mostly in early versions of devices
  - Fix is often available

# Proactive Efforts

- HDMI Supports HDCP Testing
  - HDMI Founders support additional HDCP testing, including Intel's development of an HDCP Specification.
  - Upon release of Intel's Specification, the HDMI Founders intend that the HDMI Authorized Testing Centers shall require HDCP testing for HDCP-enabled devices.
  
- Retailer and Installer Training
  - Aggressive program to train retailers/installers about HDMI interoperability and installation issues
  - On-site and on-line training
  
- Public Relations
  - Proactive media outreach to top HD publications
  - Quick response program for inaccurate HDMI articles
  
- Plugfests

## Next Generation: HDMI 1.3

- Higher Speed and Deeper Color
  - HDMI 1.3 expected to be higher pixel rate:
    - e.g. 1080p @ 90Hz refresh rate, or  
1080p @ 60Hz with 36 bit RGB
  - 36- and 48-bit RGB color depth
- Max Audio Performance
  - Adds support for future Dolby TrueHD & DTS-HD Master Audio formats
- Other Functions Available
  - Automatic Lip Sync timing compensation
  - Mini connector option (ex. camcorders)



**HDMI**™  
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**Thank You!**