CableLabs®

W3C HTML5 Encrypted Media Extensions

FCC DSTAC WG 3

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W3C Encrypted Media Extensions (EME)

- W3C standard Web application API for protected content playback
  - Browser & OS neutral
  - DRM technology neutral
  - Hardware chip security neutral
- Focused on protected content playback.
  - Video control, subscriber authentication and all other service logic resides in the app
- Adopted by all major browser vendors (Apple Safari, Google Chrome, Microsoft Internet Explorer, Mozilla Firefox, Opera)
- Used by Netflix, DLNA VidiPath, ATSC 3.0
- Supported on PC, mobile, smart TV and other platforms
- Authors: Google, Microsoft, Netflix
- License: Royalty Free

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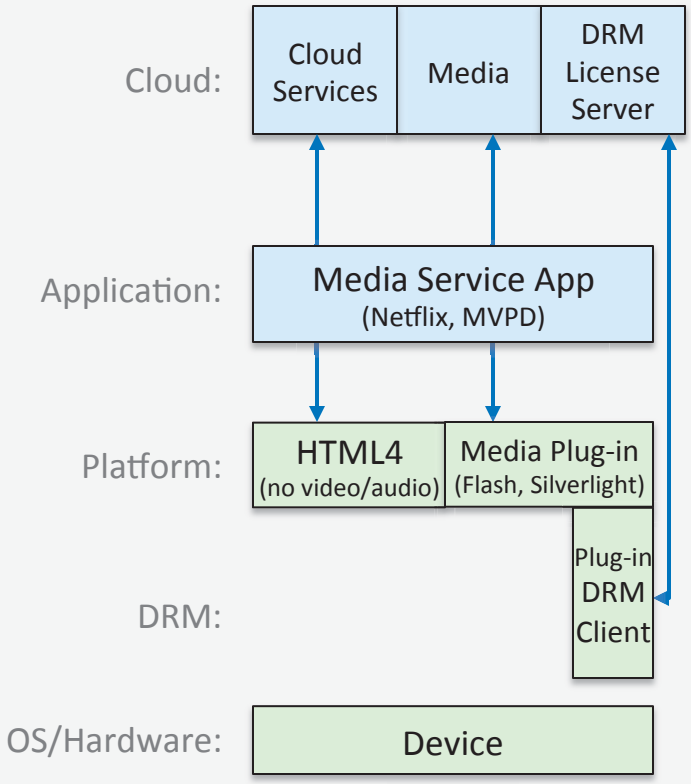
HTML4 to HTML5 + EME



HTML4 Media

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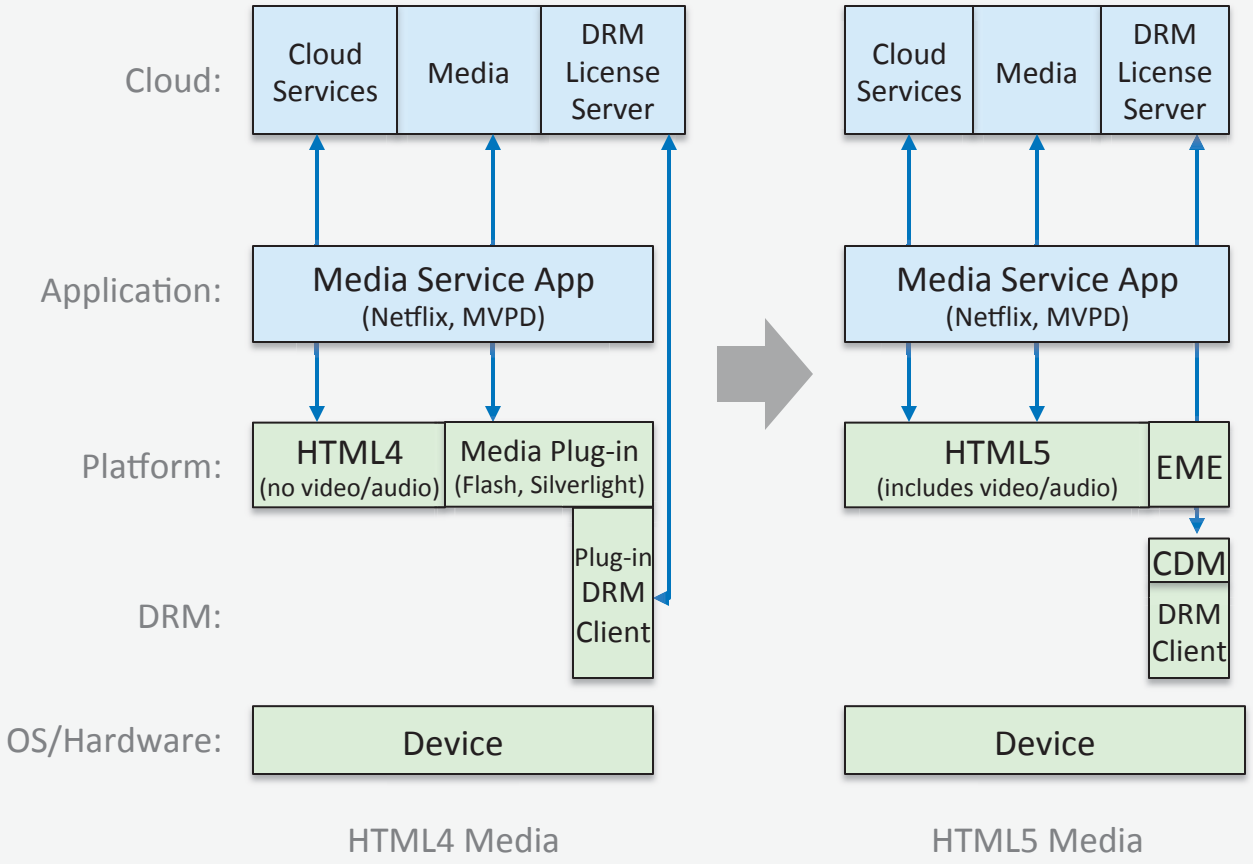
HTML4 to HTML5 + EME



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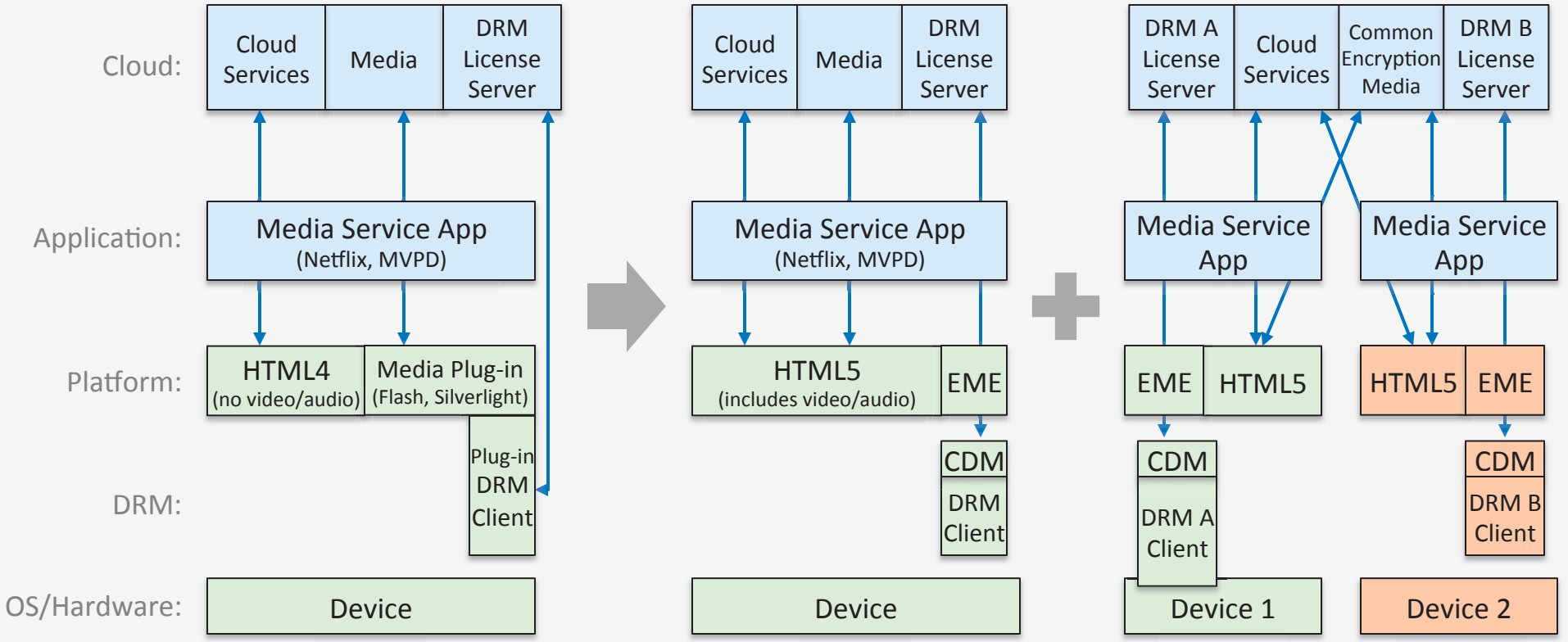
HTML4 to HTML5 + EME



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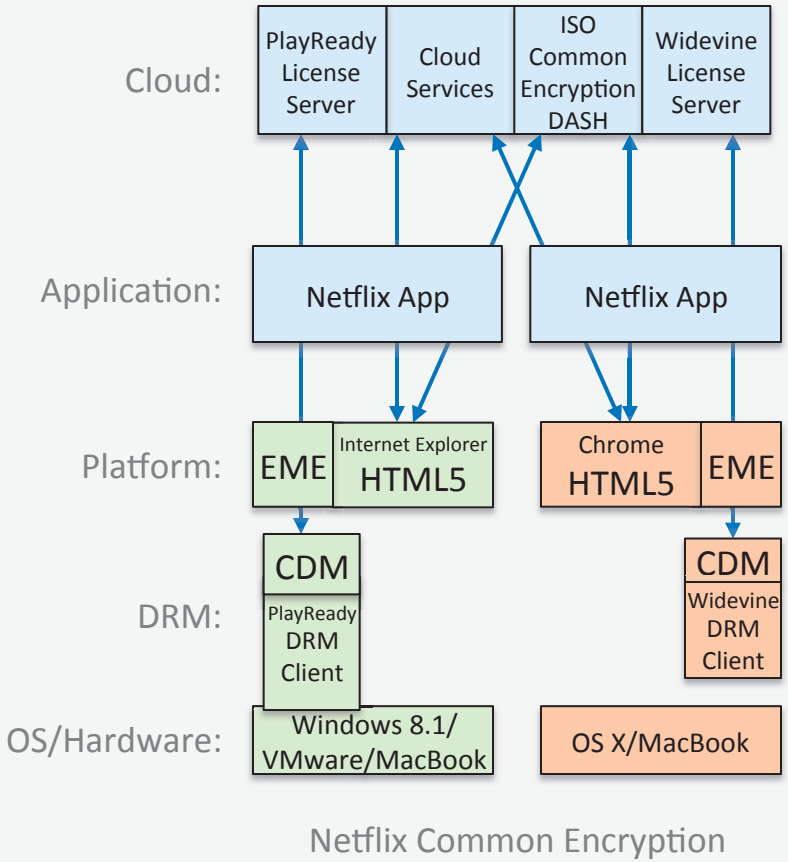
EME Demos



Netflix Common Encryption

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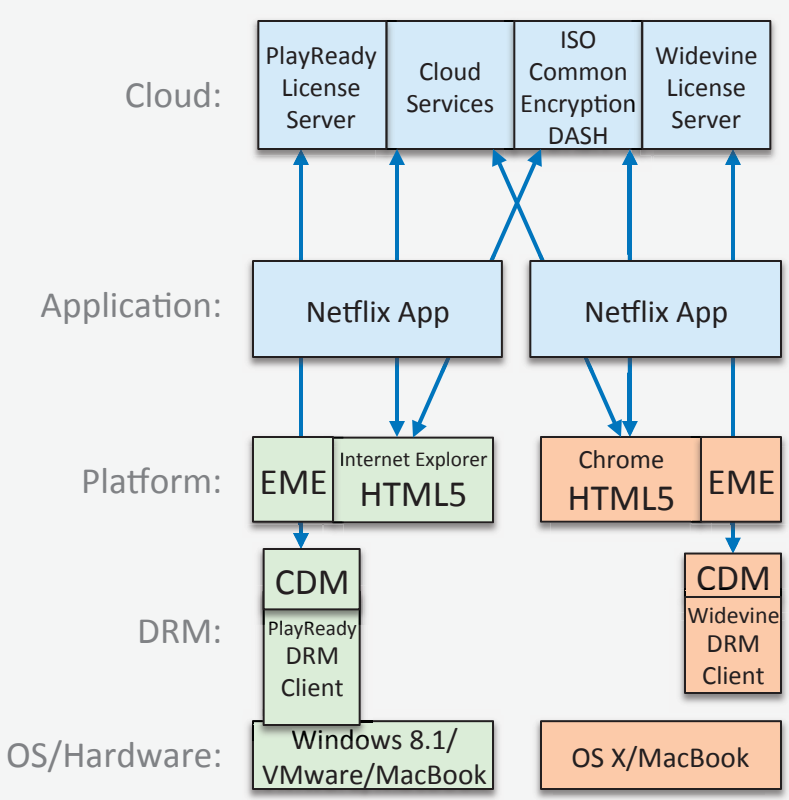
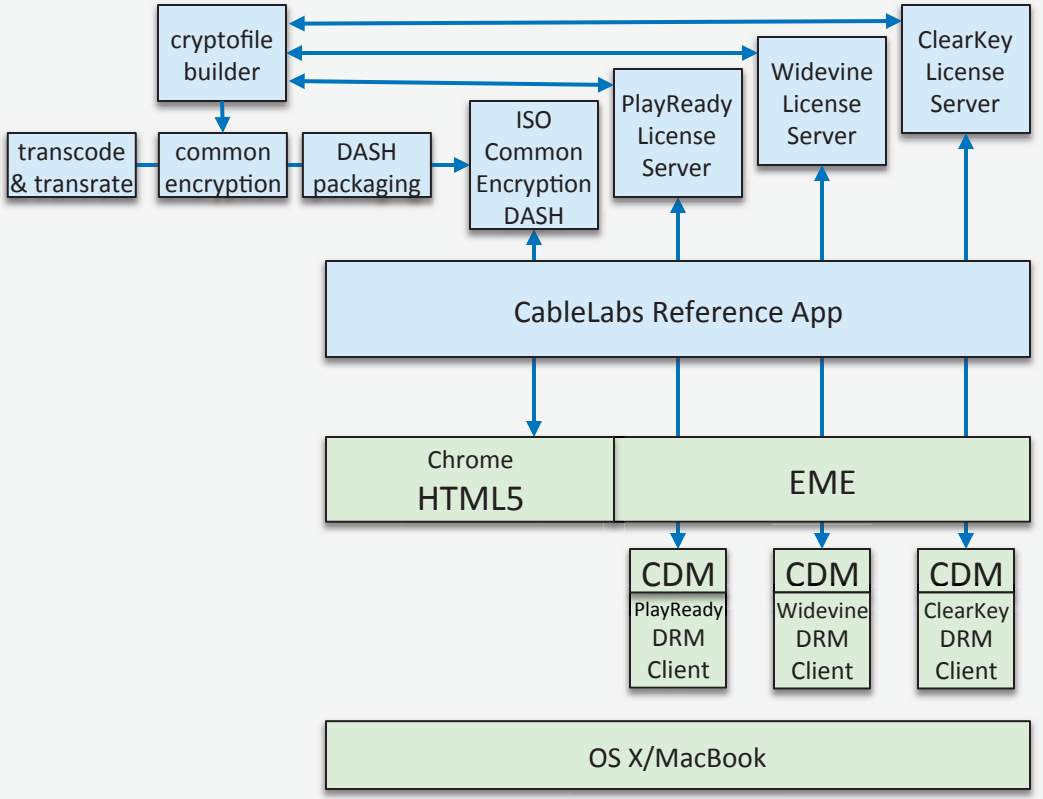
EME Demos



Netflix Common Encryption



EME Content Creation

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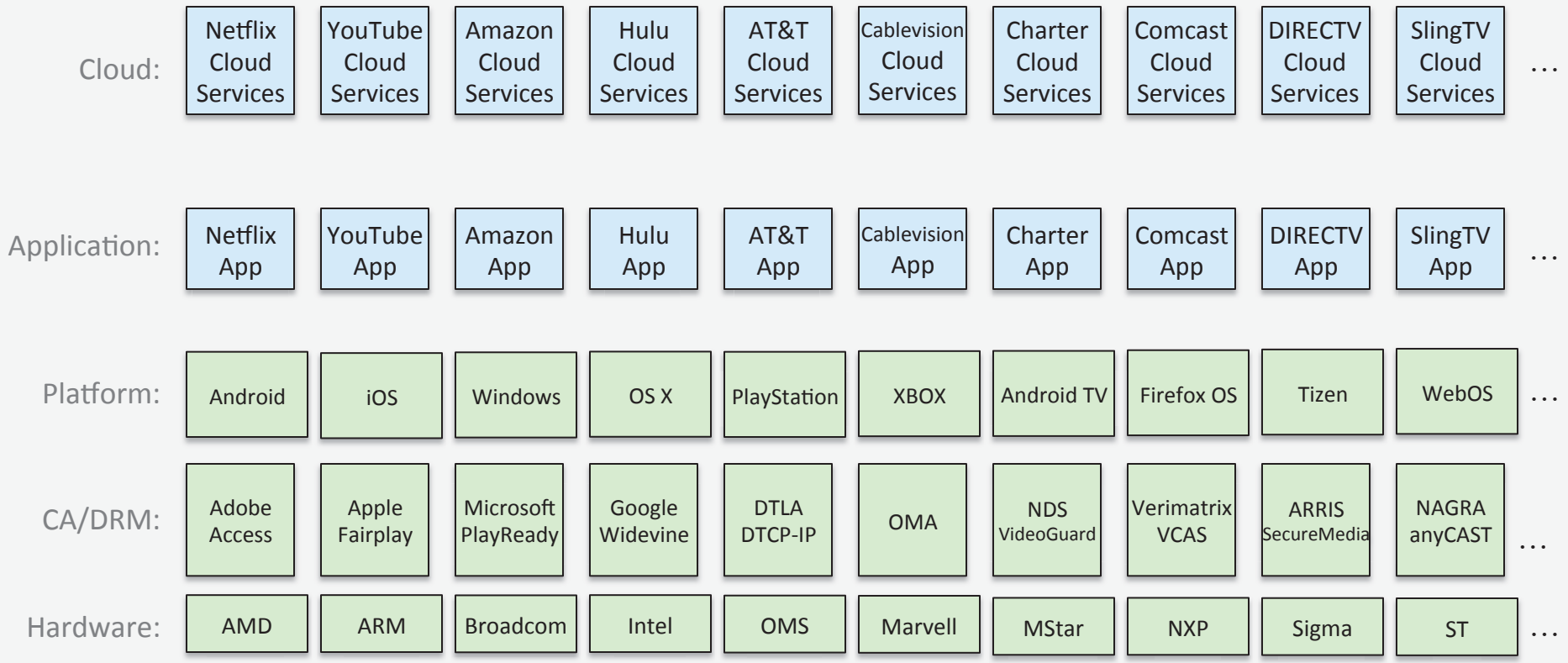
Diversity of Solutions and Standardization



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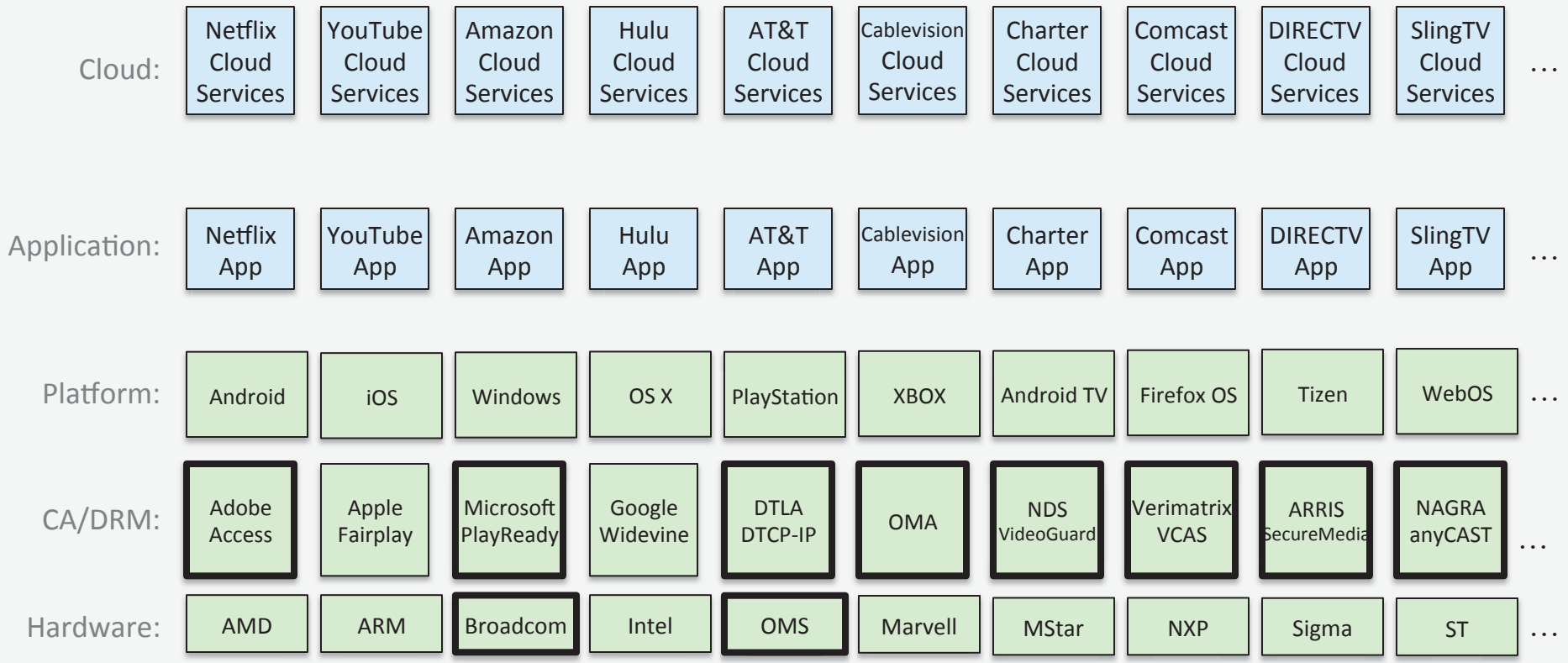
Diversity of Solutions and Standardization



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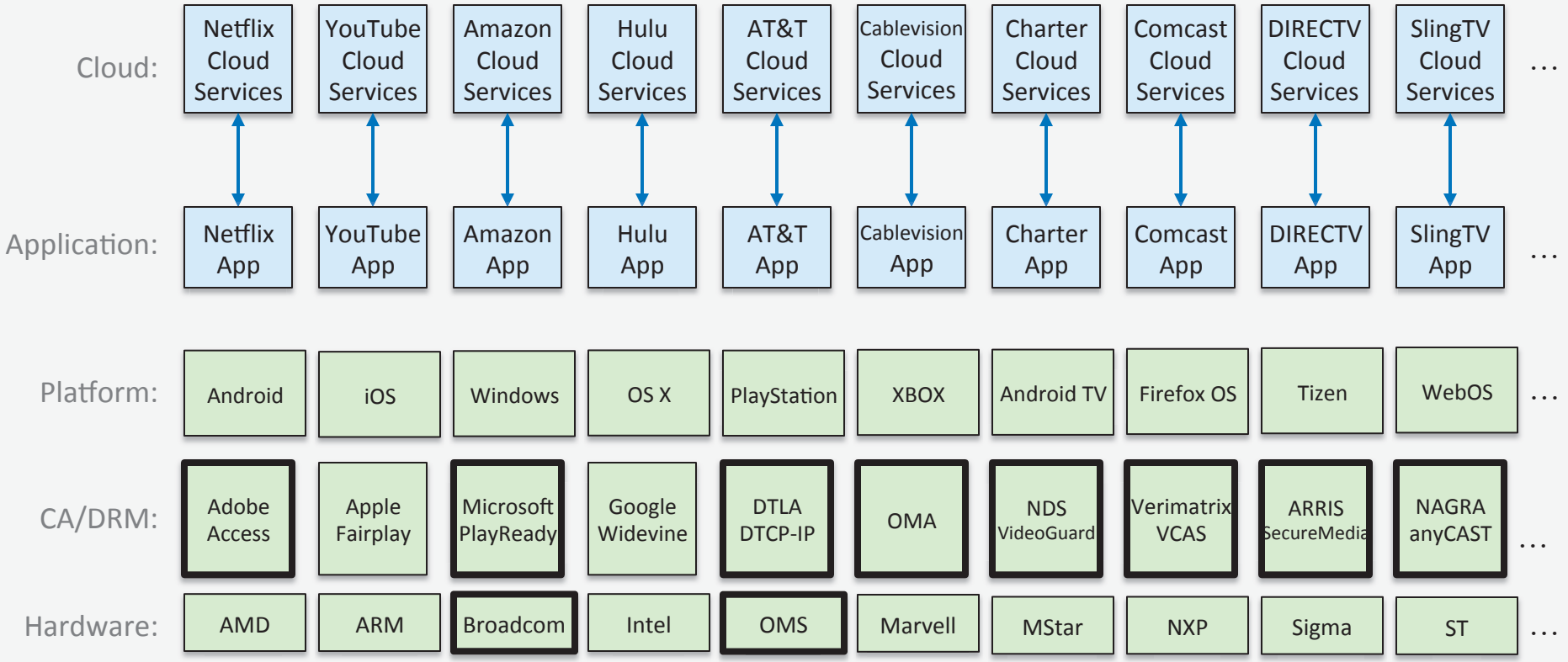
Diversity of Solutions and Standardization



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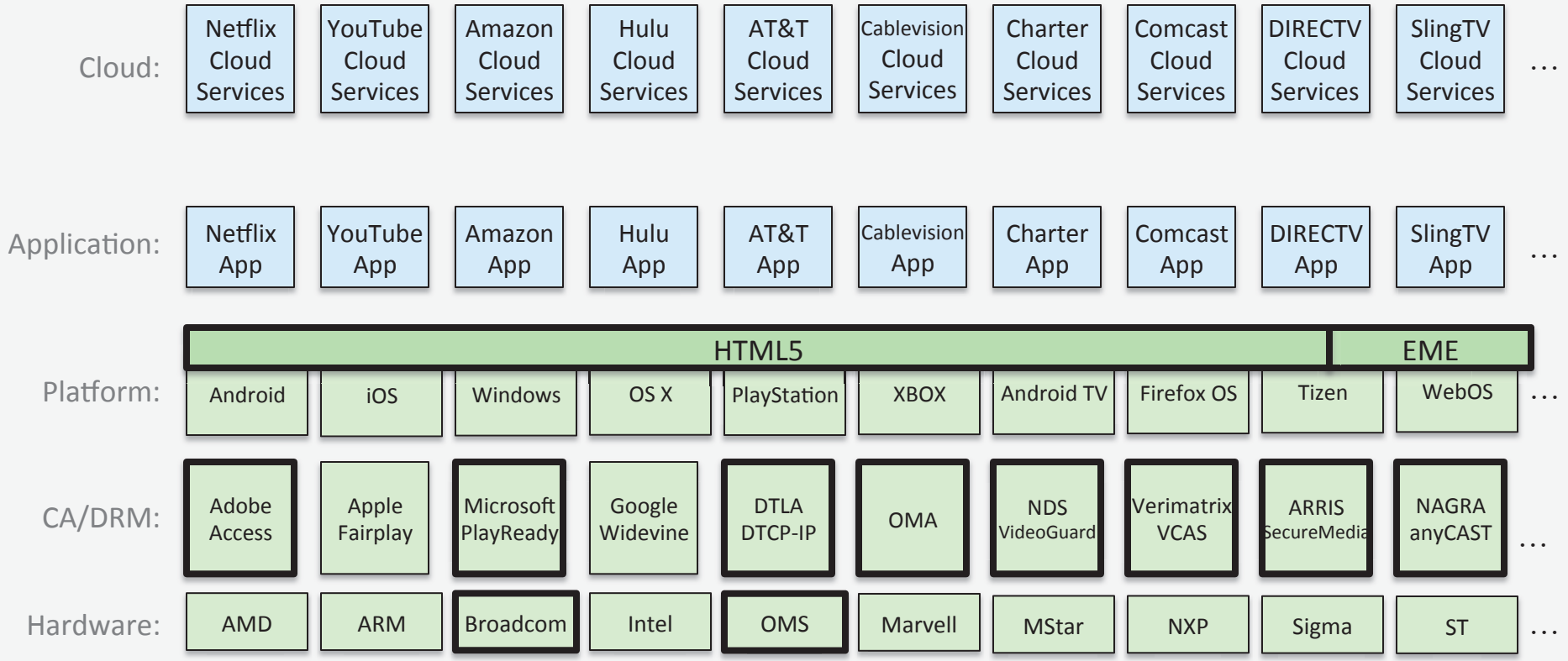
Diversity of Solutions and Standardization



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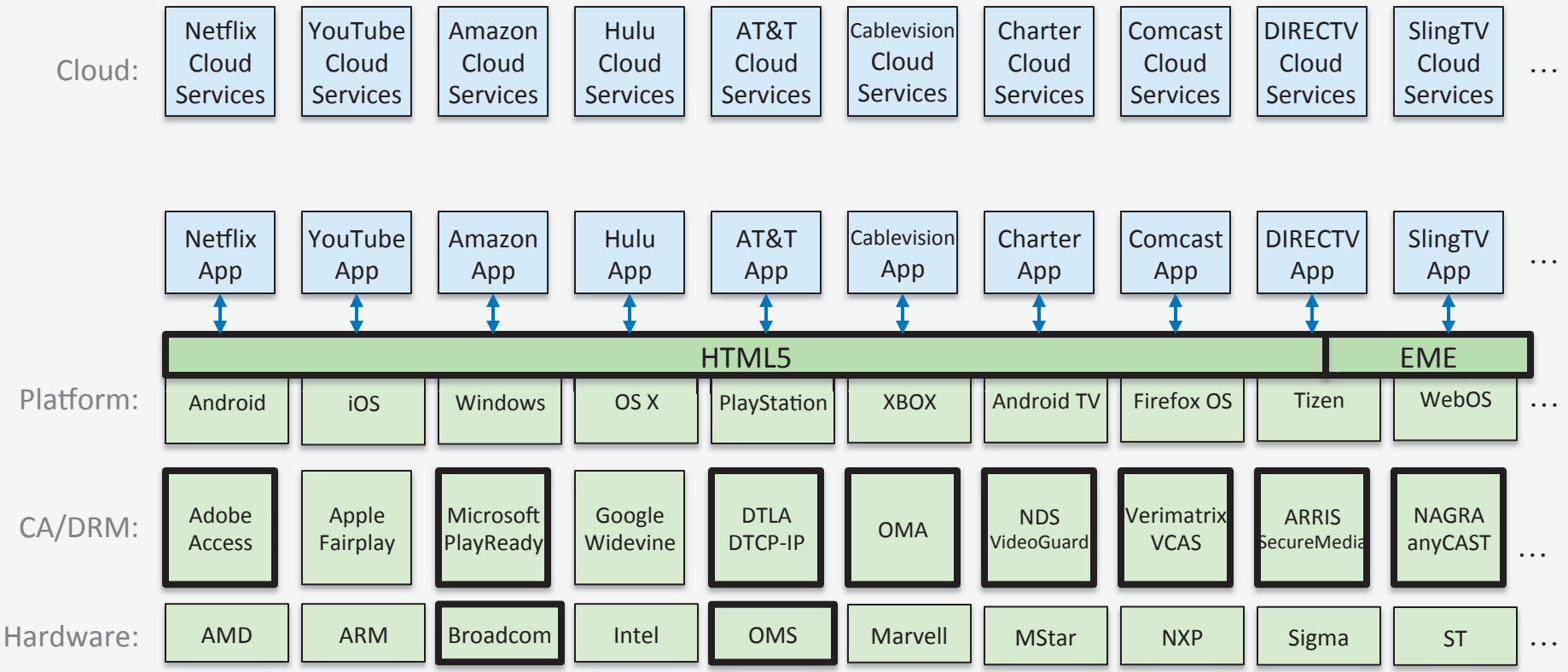
Diversity of Solutions and Standardization



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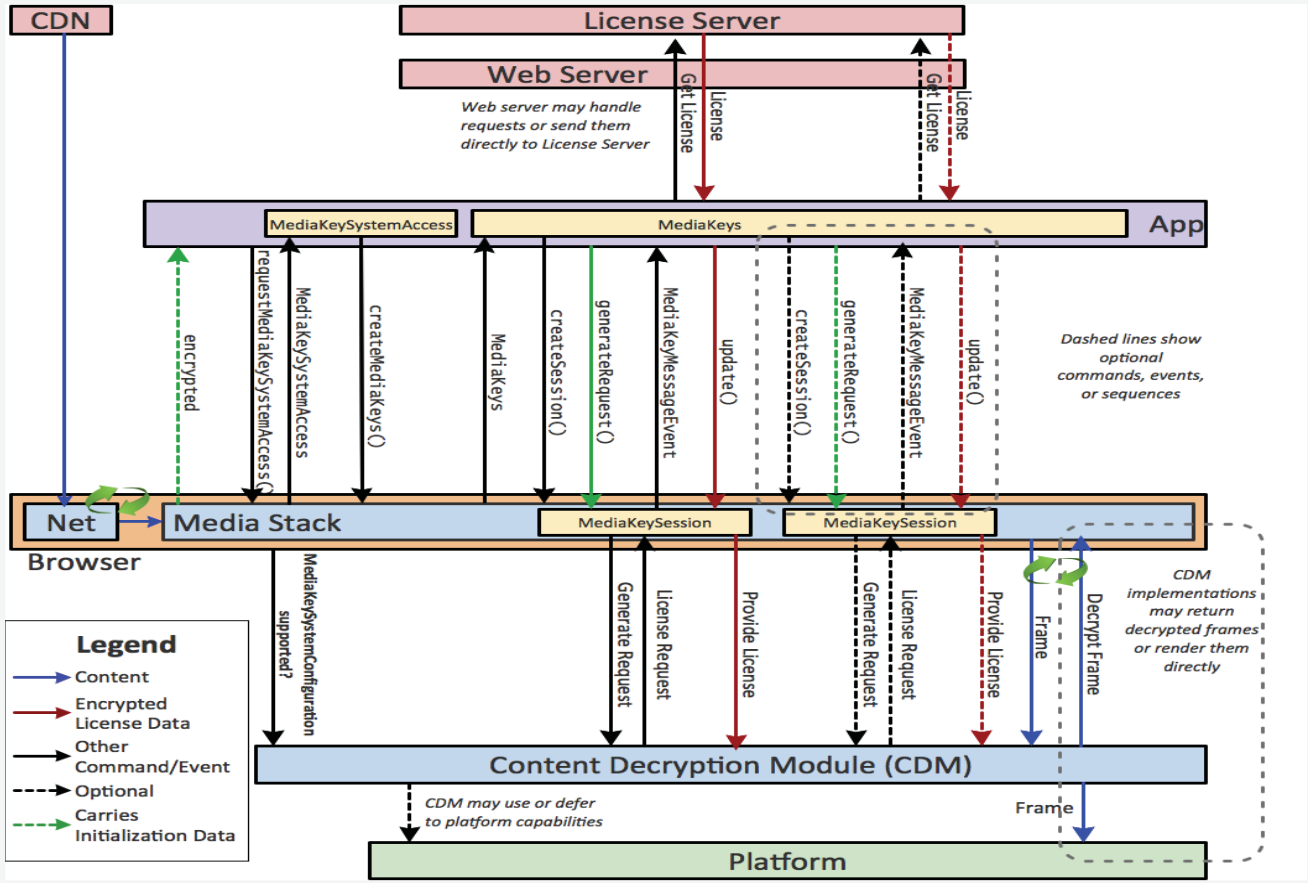
EME API Details



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