Peter Lefkin
Managing Director, MIPI Alliance

State of the Alliance
MIPI Alliance Overview
In 2003, MIPI Alliance was formed to standardize camera and display interfaces.
At least one MIPI specification in every smartphone today

MIPI Alliance has developed more than 50 specifications covering the full range of interface applications needed for mobile devices
MIPI Alliance Member Ecosystem

- Automotive OEMs/Tier 1 suppliers
- Application Processor Developers
- Semiconductor Companies
- Test Equipment Companies
- Test Labs
- Device OEMs
- Software Providers
- Consumer Electronics (Cameras, Tablets, PCs/Laptops, Peripherals, Wearables)
- IP and VIP Providers

385+ members
29 countries
MIPI Specifications Leveraged Beyond Mobile

Fundamentally, usage rights are granted to members royalty free for implementation of MIPI specifications from all MIPI members.

Current specifications: 50+

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MIPI Focus Areas:

• Technical Roadmap
• Automotive SerDes
• Security
• 5G
• IoT
• Developer Education
MIPI Technical Roadmap

Major updates and new versions of all MIPI PHYs in 2021

MIPI CSI-2 v4.0 (coming soon)
MIPI DSI-2 v2.0
MIPI I3C Basic v1.1
A-PHY v1.1
C-PHY v2.1
D-PHY v3.0
M-PHY v5.0 (coming soon)

TERMINOLOGY UPDATE

MIPI working groups replacing objectionable terms in specifications and supporting documents

ROADMAP UPDATE

The MIPI Specification Roadmap: Driving Advancements in Mobile, IoT, Automotive and 5G
James Goel
MIPI Technical Steering Group Chair
28 SEP | 07:25-07:40 PDT

NEW SPECIFICATION PANEL DISCUSSIONS: MIPI CSI-2 v4.0 & MIPI I3C ECOSYSTEM

MIPI CSI-2 v4.0 Panel Discussion with the MIPI Camera Working Group
Haran Tharigonalam
Intel Corporation
MIPI Camera Working Group Chair
28 SEP | 09:50-10:50 PDT

MIPI I3C Under the Spotlight: A Fireside Chat with the I3C Experts
Tim McKee
Intel Corporation
MIPI I3C Working Group Chair
29 SEP | 10:40-11:10 PDT

Radu Patigoi-Aron
Qualcomm Technologies Inc.
MIPI Security for Automotive and IoT – Initial Focus on MASS

29 SEP | 08:15-08:45 PDT
Developer Education in New Formats

WEBINARS
~1 hour with Q&A
Live and on demand

WORKSHOP
Multiple sessions on a single topic with Q&A

MIPI BYTES
3-5 minutes
On demand

MULTI-DAY CONFERENCE
Liaisons: Extending The MIPI Ecosystem
THANK YOU!