### Building an Open Standards Ecosystem Andrew Starks, Macnica

**Sponsored Presentation** 

















### Who Are We?





MACNÍCA A Global Leader

World's **5**th

### Largest Distributor

for Semiconductor and **Electronics Components** Source: Gartner

More than

200 leading edge/

premier suppliers

### FY2022 Sales US**\$7B**

April 2021 – March 2022

**Macnica Fuji Electronics** токуо 3132

### 3000 +

### employees

closely supporting customers from over

### 80+locations worldwide

**Design Services** 

### Working with Standards Since 2012





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### Standards Bring Growth





### **Competing with Open Standards**







### **Competing with Open Standards**





\* Over The Top (OTT) content over IP is not a direct replacement for baseband technology, but it is important for understanding the video landscape. Therefore, it is included in this graphic, but will be replaced by AV over IP for production and ultra low latency transport applications.







# networked media





### Need #2: Early Implementations



- Launch Kit for IPMX
- Includes pretty much everything for development and testing.
- Continually updated with newest standards & features
- Designed to build IPMX compliant products, when the standard is ready
- Extensive documentation and examples included
- \$1,950 (USD)



### Need #2: Early Implementations





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### Need #3: Interoperable Implementations (IP SHOWCASE

- Currently available: Targets Broadcast
  - Easyss10 Evaluation Kit
  - ST 2110 uncompressed Video and Audio
  - NMOS Available
  - 6 in / 6 Out SDI
- For consideration in future variants:
  - IPMX application
  - Multichannel 4/8K (With JPEG-XS)
  - HDMI and SDI variants
- Technology Preview
  - Intel N6010 with Macnica's ST 2110 Acceleration







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### Need #4: The Post Transition





Macnica Software Tools (SDKs, Libraries, Services, Applications, ...)

Macnica Hardware Tools (SoM, SoC, SDM, ...)

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## MACNÍCA

Conclusion

- Support great standards
- Make early implementations
- Make interoperable implementations
- Build products for the new world! IBC 2022: Hall 2 at Booth 2.A58

Visit us at macnicatech.com









intel



### Any Questions?













