



arm

Arm and MediaTek: The Core of Mobile Gaming

Guru Ganesan
President Arm India

30th July 2019

70%

of the world's population
uses Arm technology

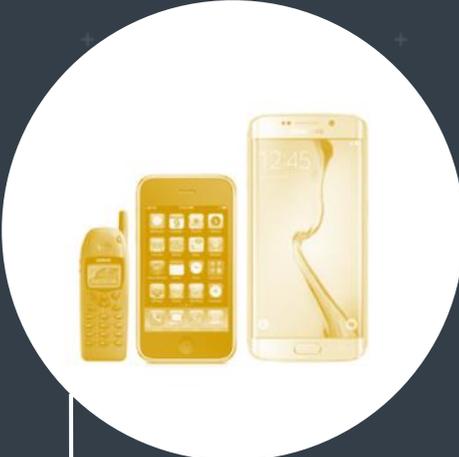


From inception to now



1990

Founded in Cambridge, UK.



Designed into first mobile phones and then smartphones.

**1993
onwards**



Today

Now all electronic devices can use intelligent Arm technology.



Arm is at the Heart of Mobile Gaming



1997

Nokia 6110



2003

Nokia N-Gage



2008

HTC Dream



2015

Samsung Galaxy S6 and Gear VR



2019

Oculus Quest

GAMING

AR

Arm Mali GPUs: The world's #1 shipping graphics processor



Over 1Bn

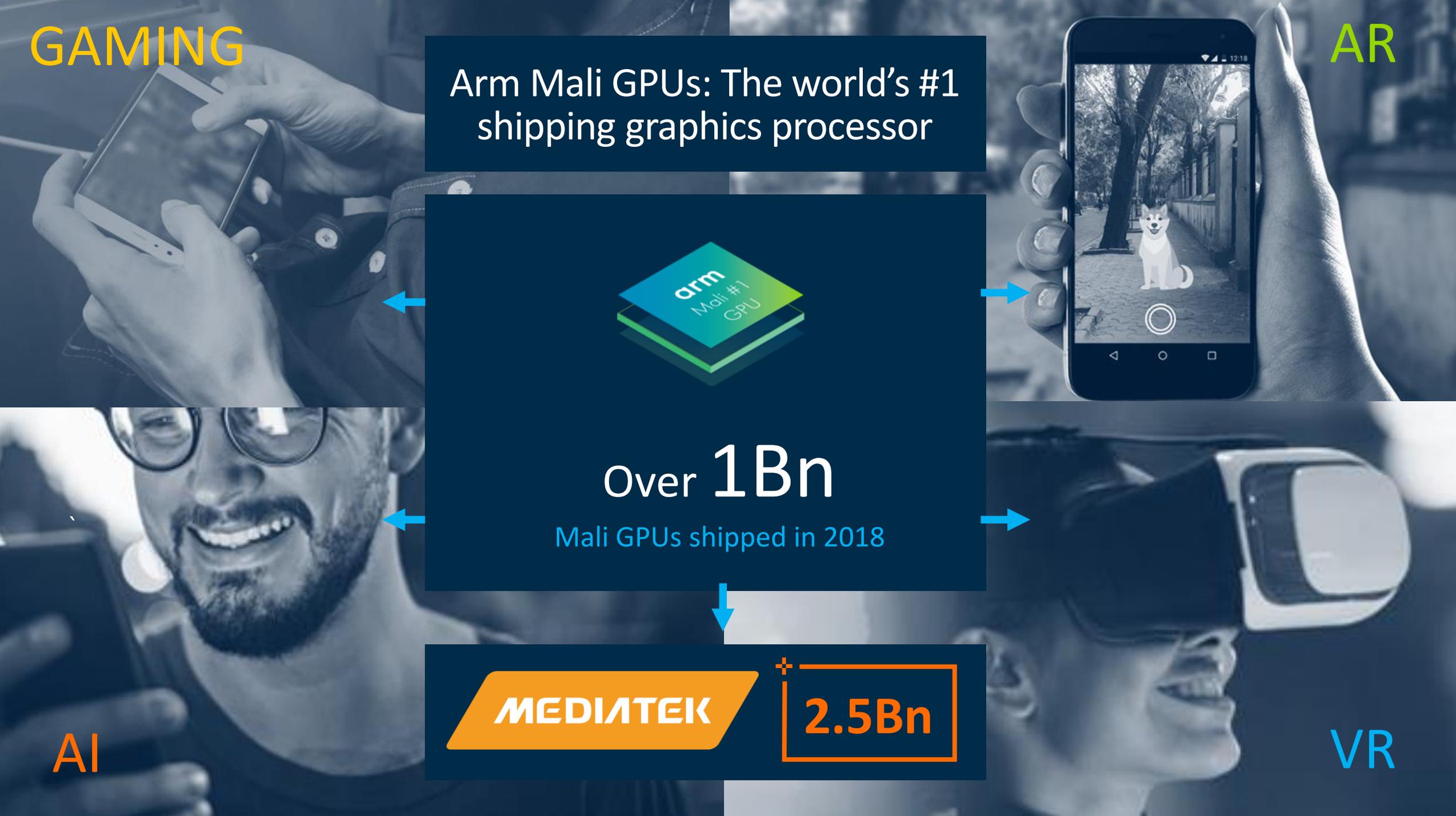
Mali GPUs shipped in 2018

MEDIATEK

2.5Bn

AI

VR



Arm Mali-G76 GPU - Designed for the Gamer

High-performance gaming, cross-platform experiences

- High-end gaming on the go
- Improved efficiency delivers longer game play
- Machine learning, enabling more intuitive experiences

1.5x
Performance for
mobile gaming

Play even longer



Getting the most from your games



Smarter experiences

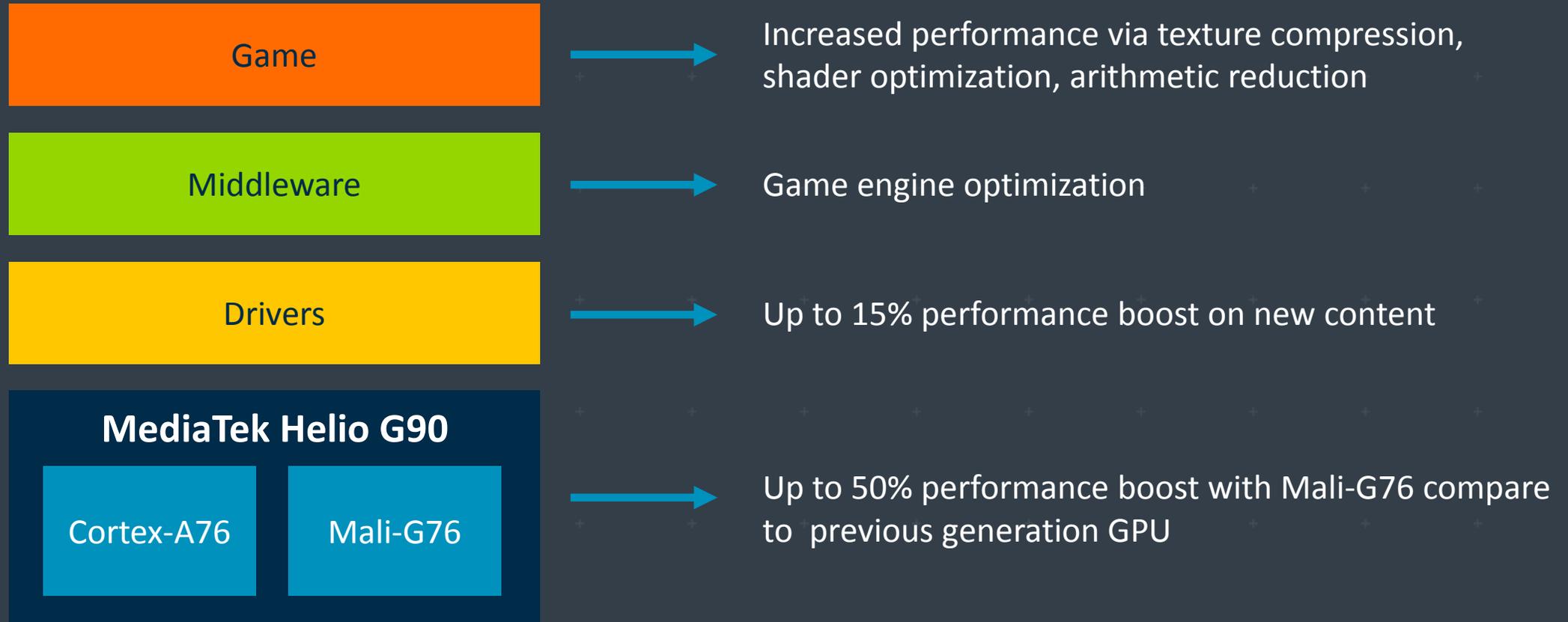


Compared to previous generation devices

It Takes an Ecosystem to Deliver Great Gaming



Achieving High Visual Fidelity and Longer Battery Life



Helio G90 Mobile Gaming Performance Enhancements

>30%

**Performance
Improvement**

45%

**Bandwidth
saving via ASTC***

>10%

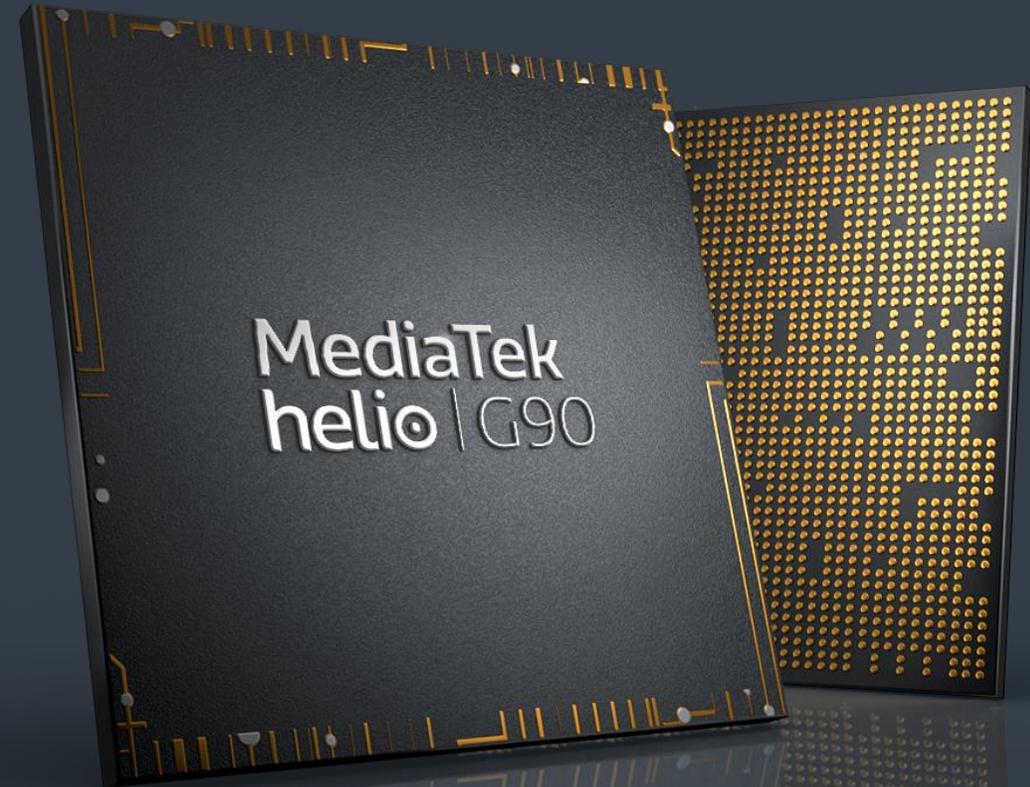
**Driver and
shader compiler
improvements**

Making Mobile Gaming Better for Everyone

MEDIATEK



arm



arm

Thank You

Danke

Merci

谢谢

ありがとう

Gracias

Kiitos

감사합니다

धन्यवाद

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