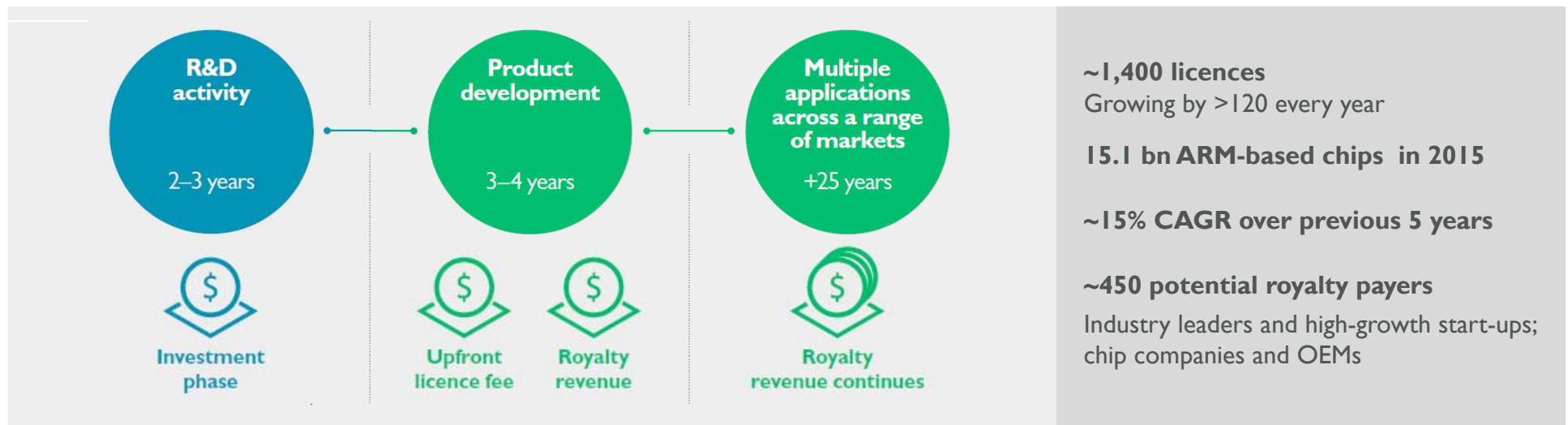




Q2 2016 Roadshow Slides

ARM Introduction

- Global leader in the development of licensable technology
 - R&D outsourcing for semiconductor companies
- Innovative business model yields high margins
 - Upfront licence fee – flexible licensing models
 - Ongoing royalties – typically based on a percentage of chip price
 - Technology reused across multiple applications
- Long-term, secular growth markets





ARM's Strategy

- Maintain or gain share in long-term growth markets
 - From mobile phones to networking infrastructure and servers to embedded smart devices and automotive
- Increase value of ARM technology per smart device
 - Invest in developing more advanced processors with higher royalty rates
 - Physical IP and multimedia IP further increase ARM's value per chip
- Explore and exploit new opportunities in emerging applications created by the Internet of Things
- Invest to create a sustainable business, fit for the long term
 - Create superior returns by developing new technology that will deliver increased profitability and cash generation

ARM

History of ARM

Joint venture between
Acorn Computers and Apple



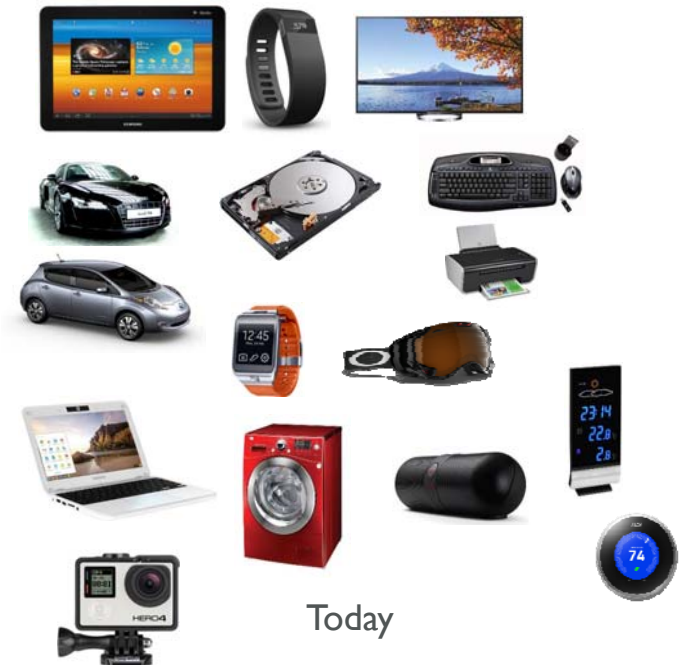
1990

Designed into first mobile
phones and then smartphones



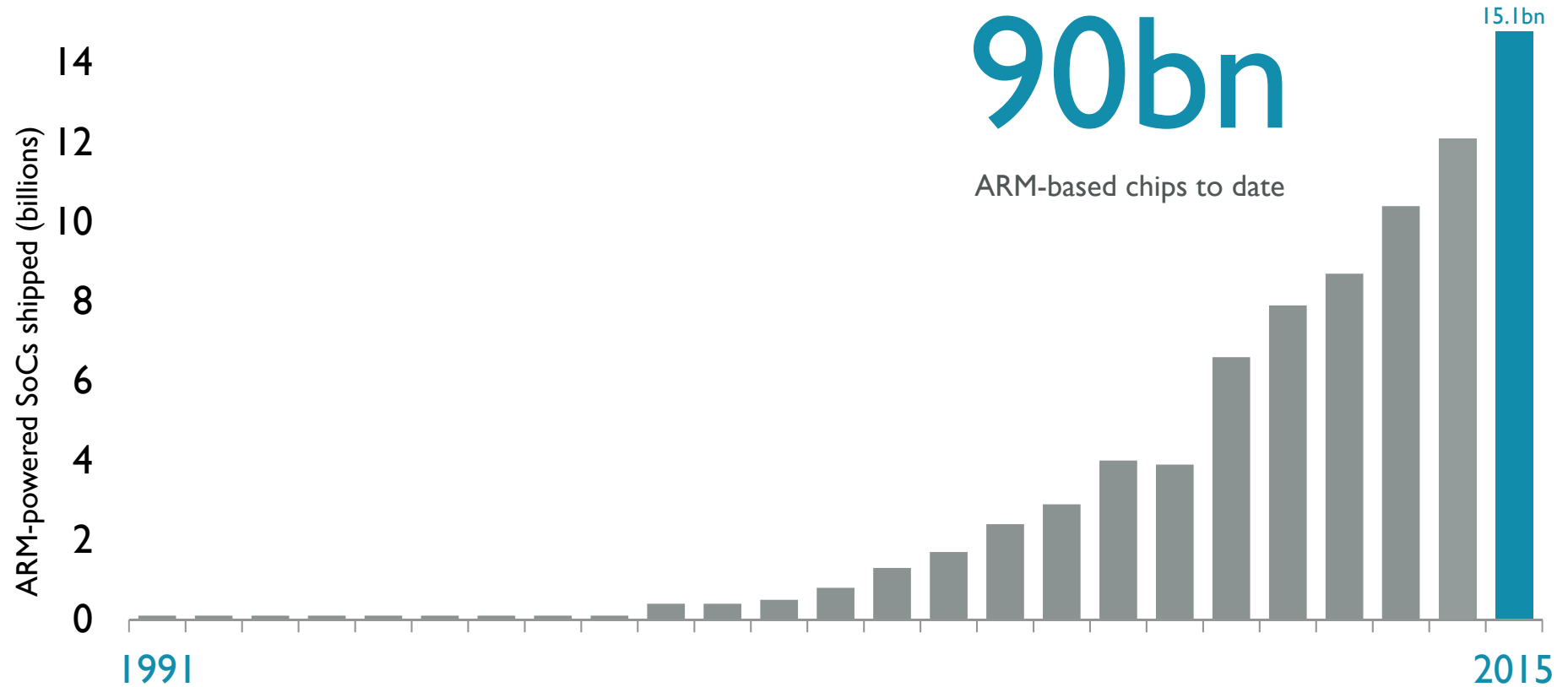
1993 onwards

Now all electronic devices can
use smart ARM technology



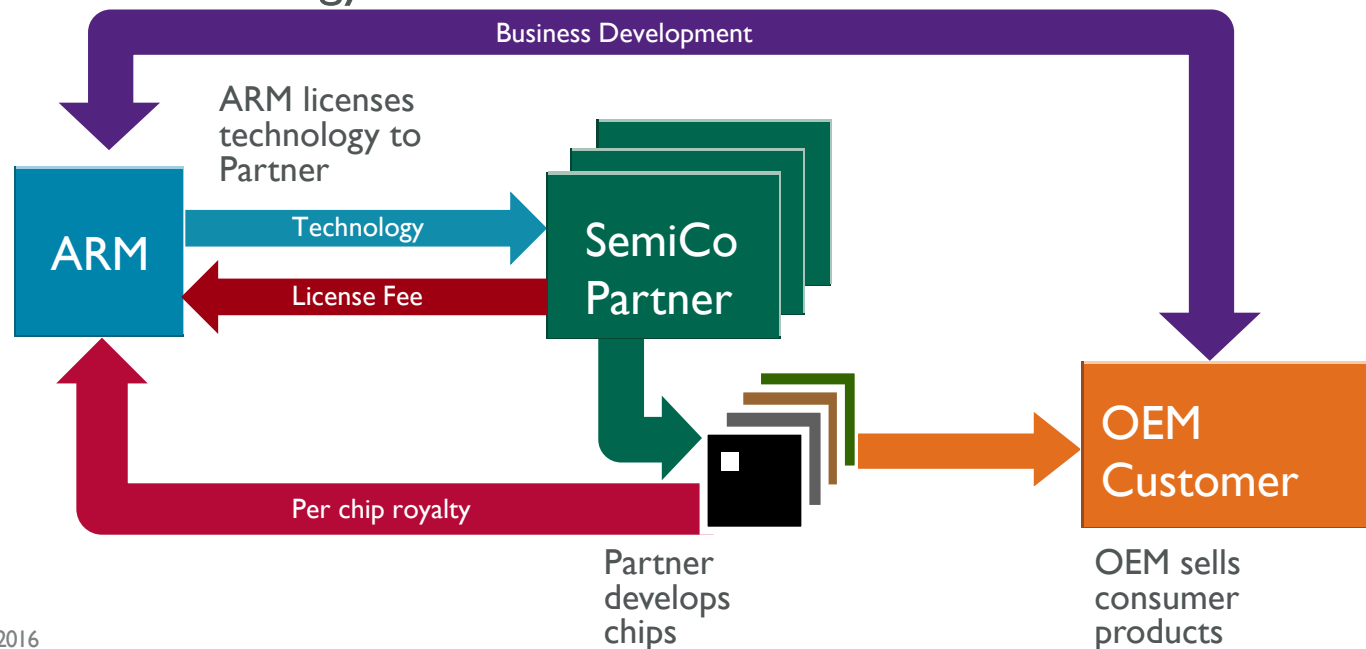
Today

ARM-based chip shipments



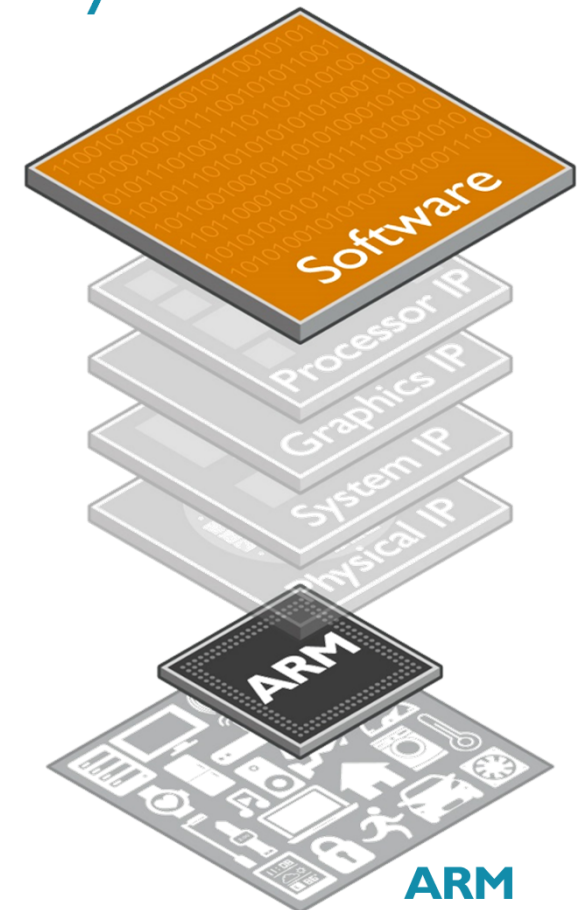
ARM Business Model

- ARM develops technology that is licensed to semiconductor companies
- ARM receives an upfront license fee and a royalty on every chip that contains its technology



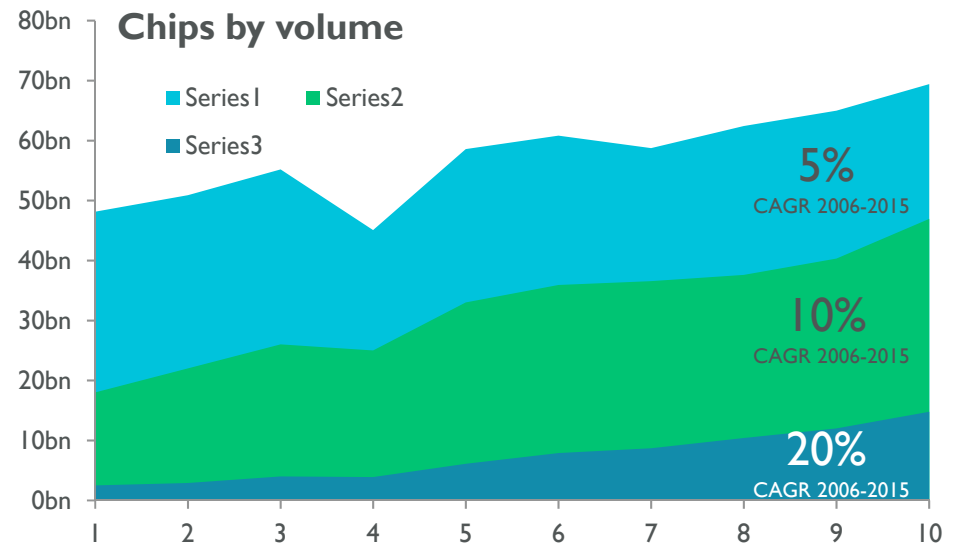
Standard platform enables a software ecosystem

- ARM processors are licensed to many different semiconductor companies create a standard platform shared across multiple chips from different companies
- Software can be run on an ARM processor regardless of who designed or manufactured the chip
- Standard software platform benefits everyone
 - OEMs who can source chips from multiple vendors
 - Software engineers who can reuse code and apps across



ARM's opportunity continues to broaden

- Semiconductor industry continues to grow – 5% by volume, 2.5% by value
- Proportion of chips with processors is increasing – 70% in 2015
- ARM is gaining share within the “chips with processors” segment of the industry – 32% in 2015



* Data source: WSTS, January 2016 and ARM, Industry volume excluding analog and memory

ARM's main growth markets

Application Processors



- Smartphones, tablets and laptops
- Apps processor, modem, connectivity, touchscreen and image sensors
- Apps processor: Increasing proportion using ARM technology with higher royalty per chip from ARMv8-A, octa-cores, graphics and physical IP

Networking & Servers



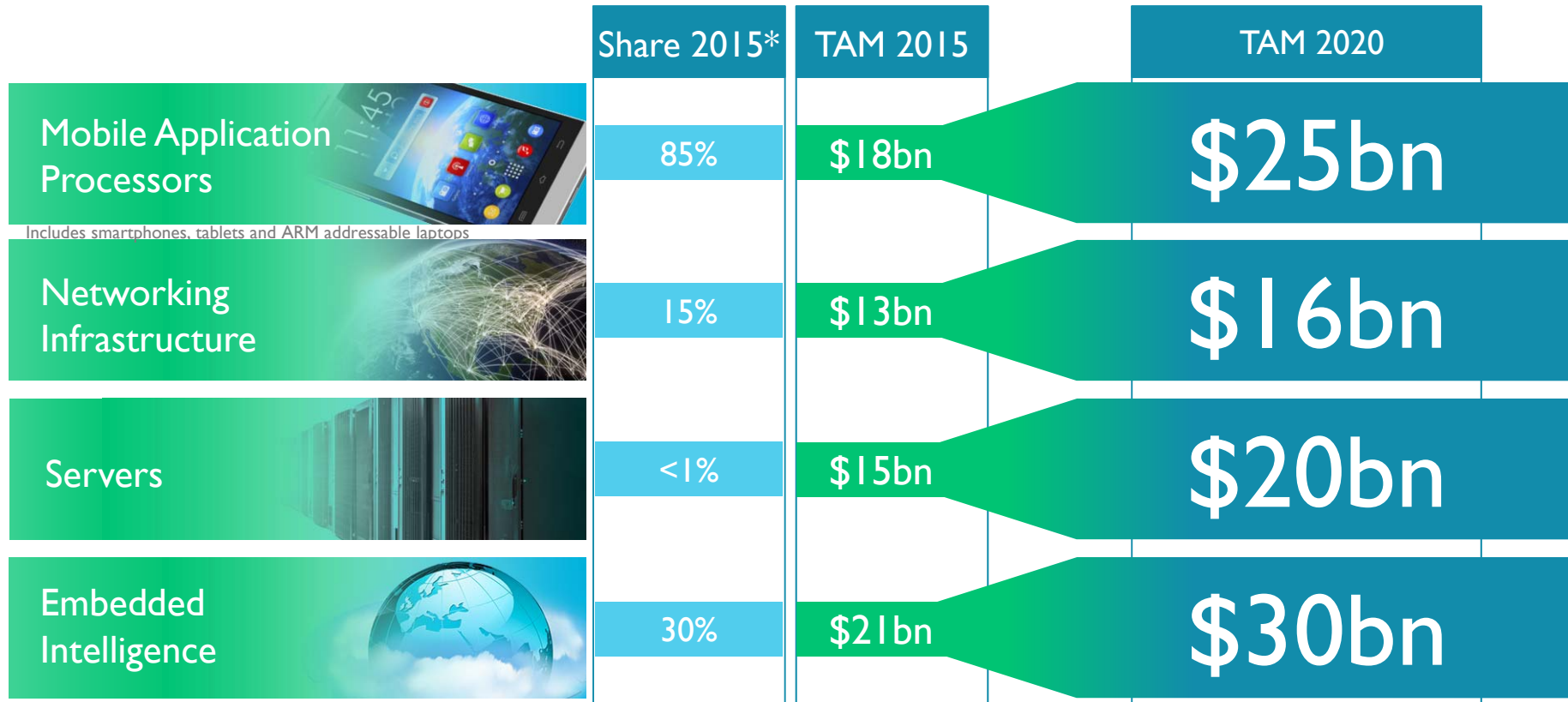
- Base stations, routers, switches, and servers for cloud and data centres
- Networks evolve to cope with increased data at lower latency: virtualisation, integration and programmability
- Most major chip vendors have announced ARM-based products

Embedded Intelligence



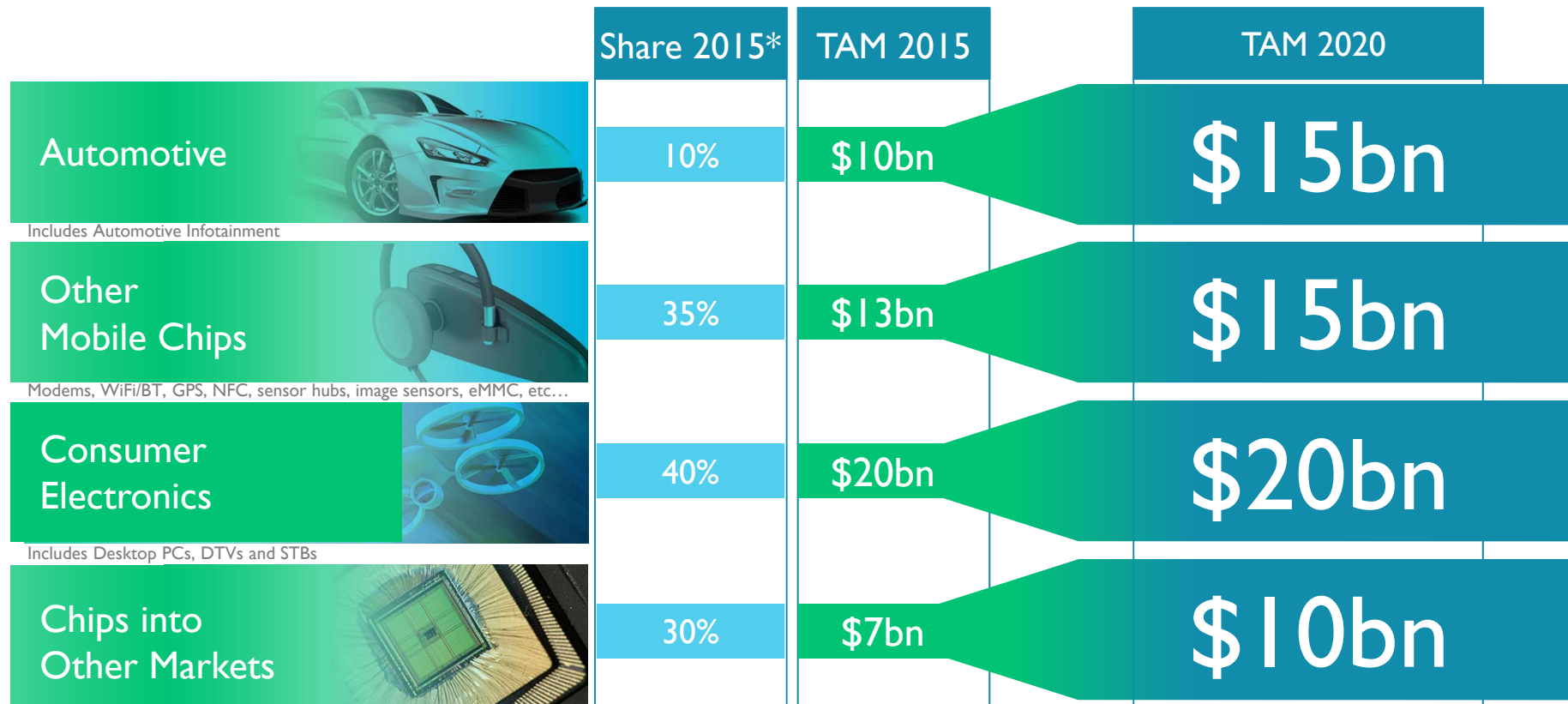
- Automotive, white-goods, wearables, smart devices in industrial and utilities
- Microcontrollers, smartcards, embedded connectivity chips
- 200 companies have licenced ARM processors for use in embedded intelligent devices

ARM's expanding opportunity



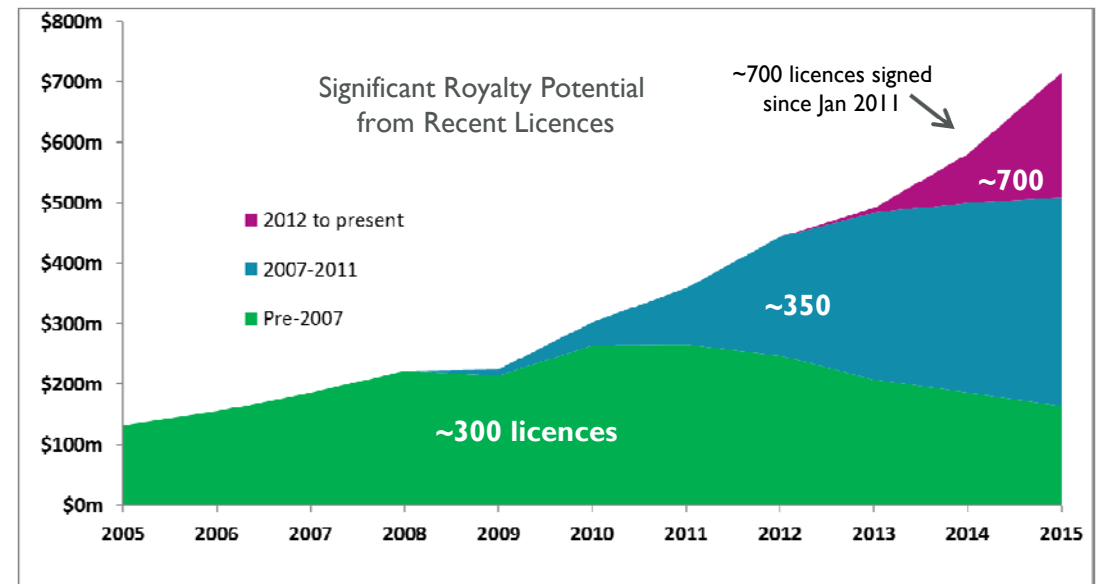
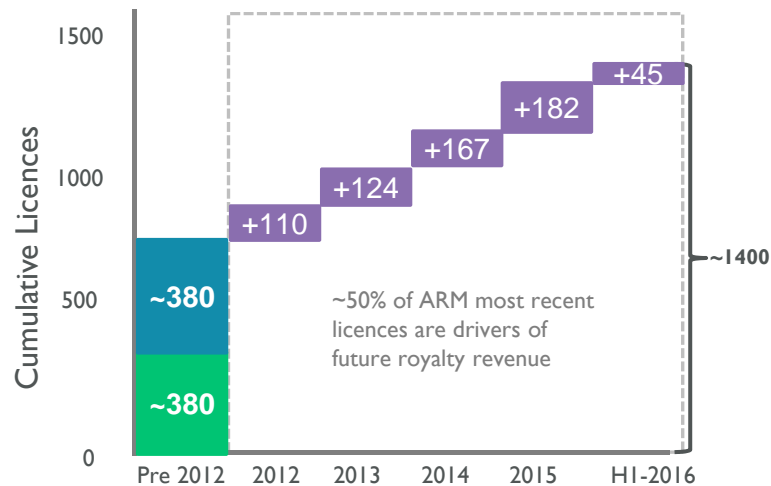
Includes microcontrollers, smartcards and non-mobile connectivity. Excludes automotive

ARM's expanding opportunity



Licensing enables future royalties

- ARM signed 182 licences in FY2015
- ARM's current royalty revenues are derived from licences signed many years ago
- Growing base yields royalty revenues over long period



Licensing drives market share

ARM gains share by winning designs at leading semiconductor companies

[illegible]

- Shipping mainly ARM-based chips
- Shipping some ARM-based chips
- Public ARM design wins, but not yet shipping
- No ARM design win or not yet public

Movement from 2014 to 2015

- → ● 13 companies re-equipped
- → ● 11 companies re-equipped
- → ● 1 companies re-equipped
- → ● 2 companies re-equipped
- → ● 2 companies decided to use ARM

Movement in 2Q 2016

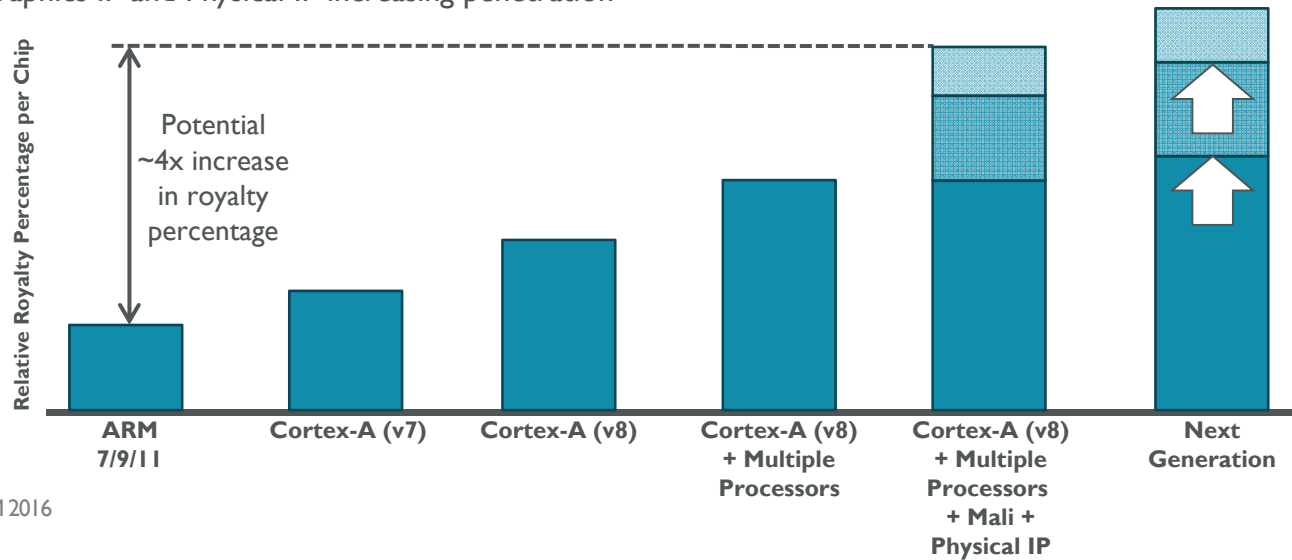
- → ● 5 companies re-equipped

Based on current market shares and ARM's view of how these markets may develop.

ARM will update the chart on the left only when design wins become public

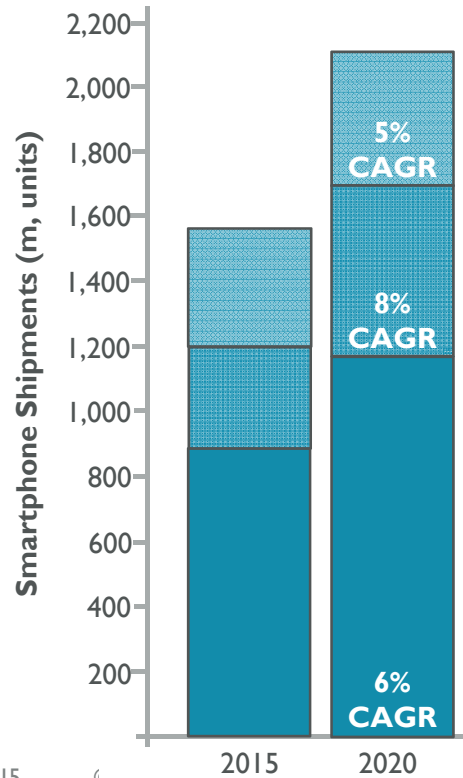
Delivering more value per chip

- ARM is developing more advanced technology, delivering a greater benefit to customers and generating a higher royalty percentage per chip:
 - More capable processor command a higher royalty per chip
 - Higher royalty for the ARMv8-A architecture
 - Multiple processors per chip – from 8 to 256 cores per chip
 - Mali graphics IP and Physical IP increasing penetration

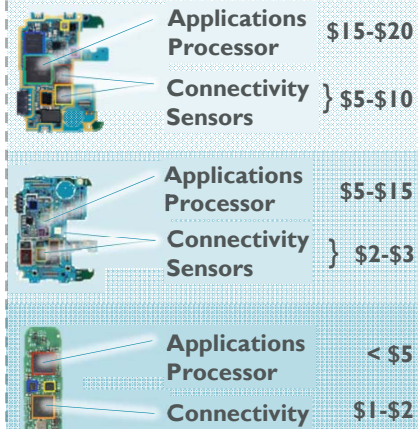


2020 opportunity in smartphones

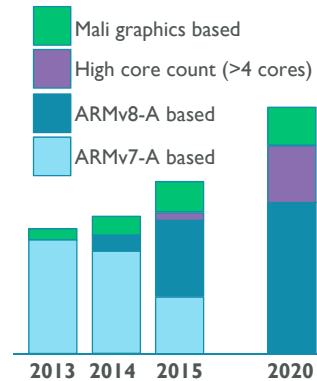
Overall Smartphone
Device CAGR: 6%



2020 Smartphone Chips



ARM's advanced technology
commands a higher royalty
percentage per chip

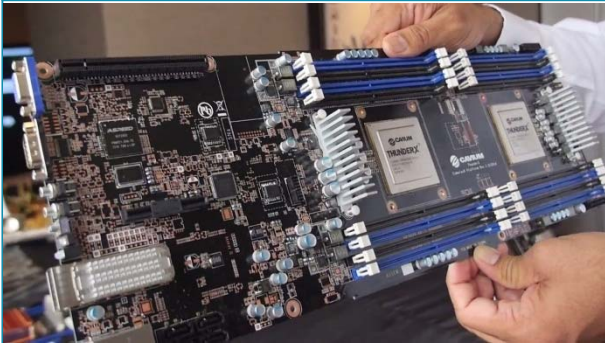


~15%
Smartphone
Royalty CAGR

ARM's opportunity in networking infrastructure

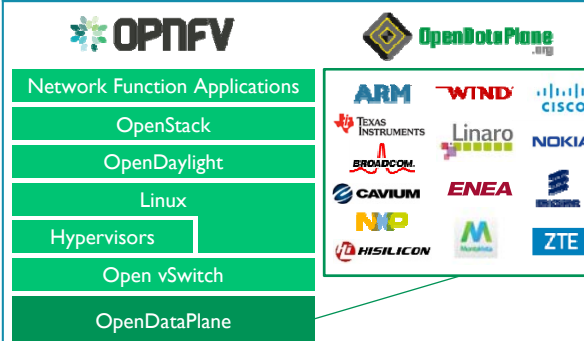
Investing today to accelerate long-term share gains

Product Development



ARM is investing in new advanced SoC technologies to understand new workloads and how to optimise future architectures, processors, SOC's and systems

Creating software



ARM is working with Open Source community to expand the availability of these new software components and ensure they run efficiently on ARM-based SOC's

Earlier scale-out deployments



ARM is engaging closely with operators and OEMs to help them develop the proof-of-concepts that will drive deployments

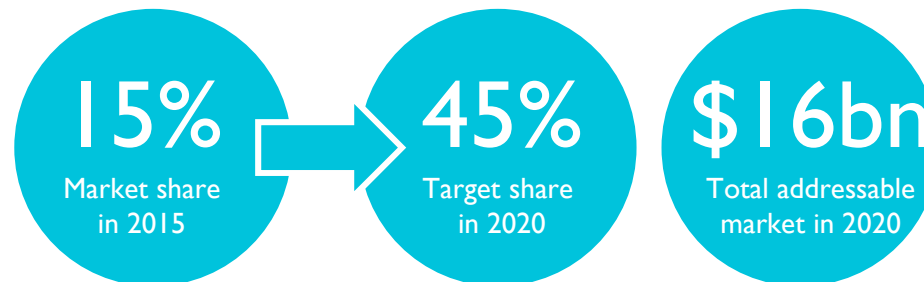
Accelerating share in networking infrastructure

	Market OEM selling into	Current design wins
Wireless	Wireless access	
	Mobile backhaul	
Wired	Wired access	
	Aggregation/Core	
Enterprise	High-end enterprise/Data centres	
	Low/mid enterprise equipment	
	Storage and Security	

Each dot represents a leading OEM providing equipment into each market.

Colour codes represent whether an ARM-based chip is the main chip in the device.

- Shipping mainly ARM-based equipment
- Shipping some ARM-based equipment
- ARM design wins, but not yet shipping
- No ARM design wins



Change since Capital Markets Day (Sept 2015)	
→	2 OEMs have selected ARM for the first time in this application
→	1 OEM has started shipping

ARM's opportunity in servers

Investing today to accelerate long-term share gains

Product Development

AMD AI 100 based SoftIron Overdrive 3000

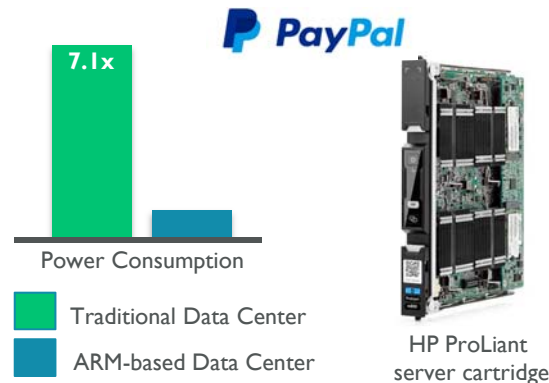


Applied Micro based E4 ARKA



ARM is investing in new technology for physical IP, processor architecture and implementations, as well as tools and analysis to optimise SOC's for servers

Optimising software



ARM and server ecosystem optimising software for ARM-based SOC's
All major Linux operating systems now have ARM releases

Early deployments started

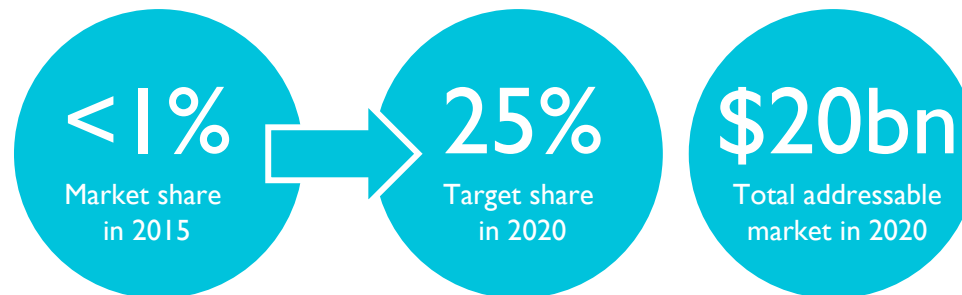


ARM is engaging with server users for cloud, HPC and large enterprise applications to accelerate the deployment of ARM-based servers

Accelerating share in servers

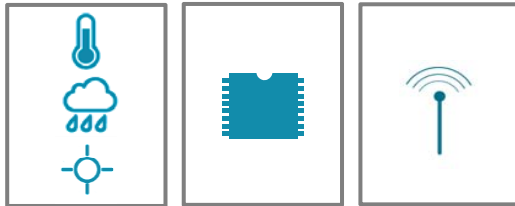
Over 1,000 ARM-based server chips being shipped every month

High Performance Computing (HPC)	ARM-based servers are being tested at national labs and research institutions in several regions. Three deployments so far.
Cloud	Three early deployments by Tier I cloud companies. All major cloud companies are evaluating ARM-based server technology.
Enterprise	Several enterprises that are amongst the world's largest users of server technology have started to evaluate ARM-based servers.



ARM's opportunity in embedded intelligence

ARM technology is at the heart of IoT



Sensor

MCU

Radio

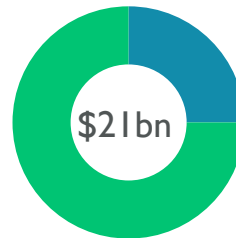
ARM Share: 26%

>50%

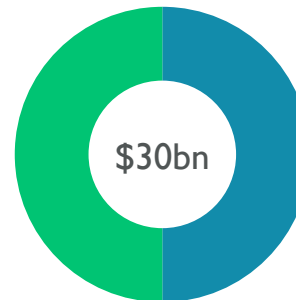
Common software,
low-power platform

Large and fast growing market

ARM expects to gain share in a market growing at 7% CAGR



2015



2020

Diverse range of end-market opportunities



Smart City



Smart Home



Industrial



Agriculture



Wearables



Other IOT



MCUs



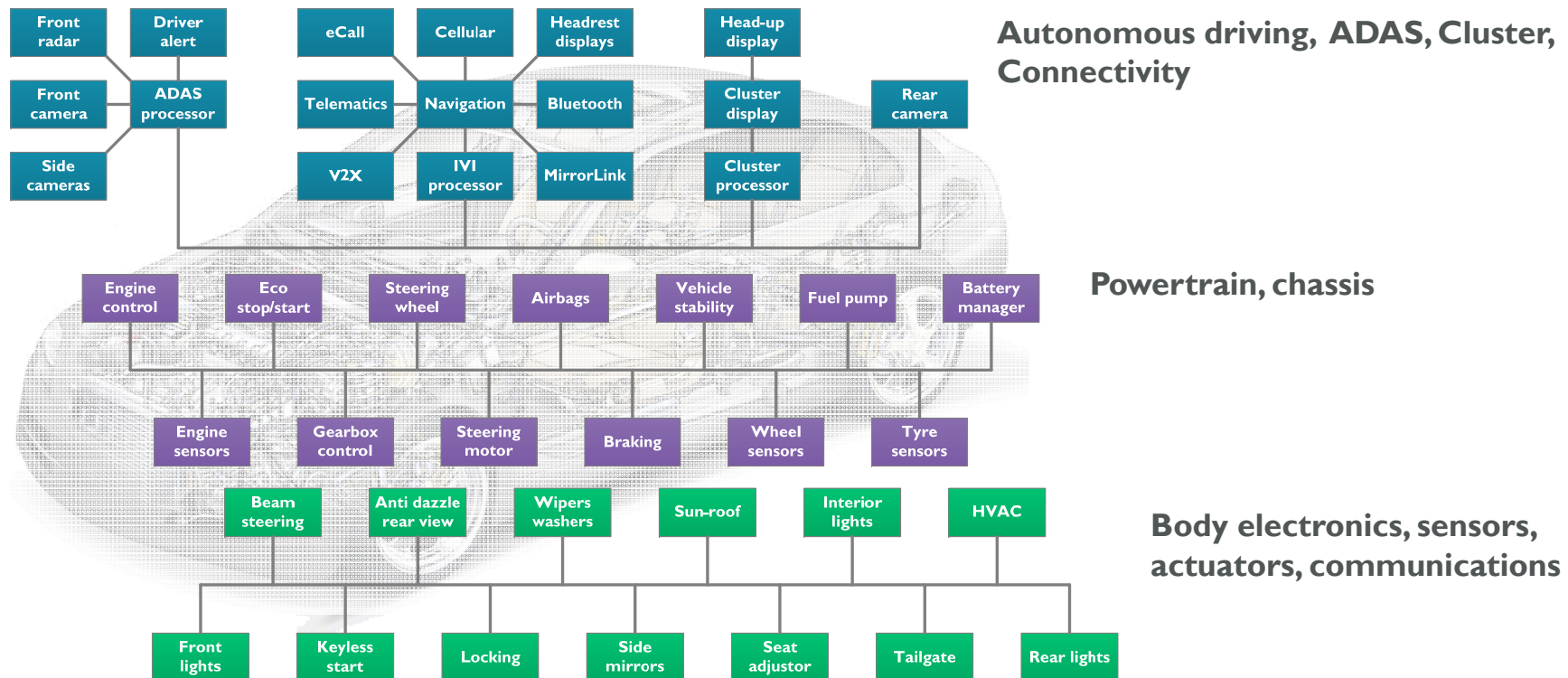
Sensors



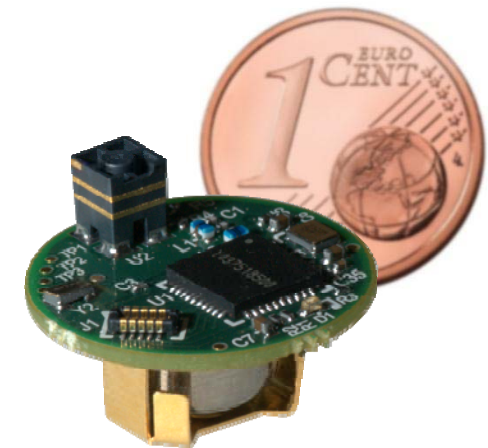
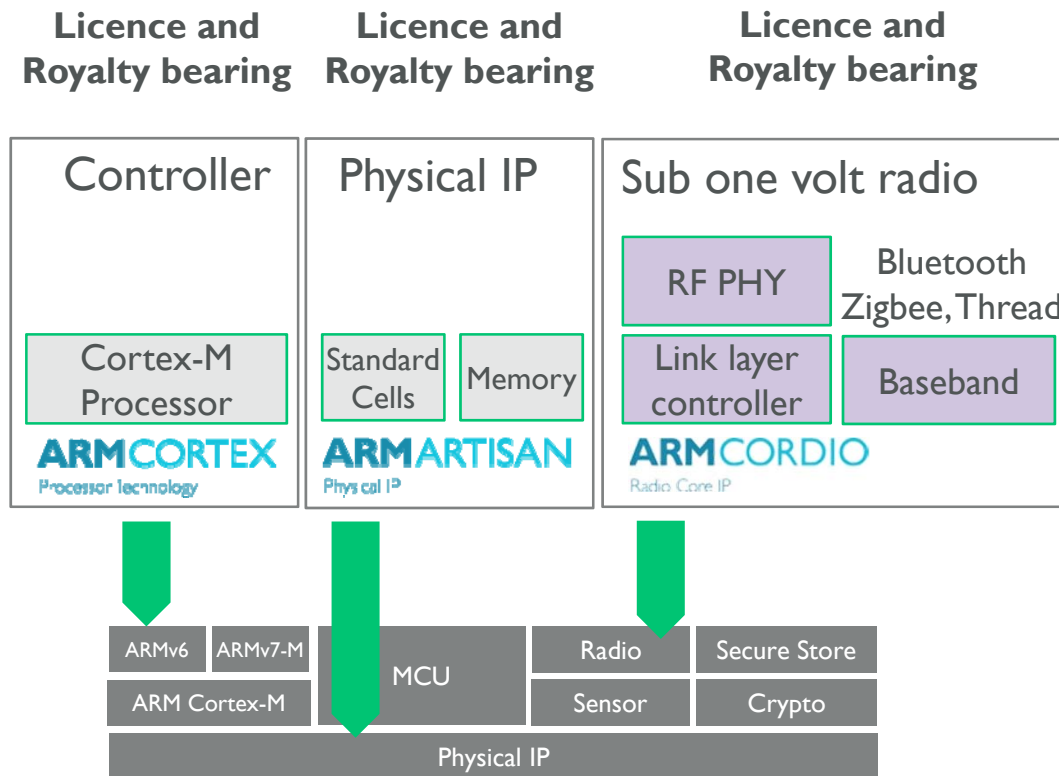
Smartcards

ARM's automotive opportunity

Functional safety, consolidation, partitioning, virtualisation, performance, power, cost



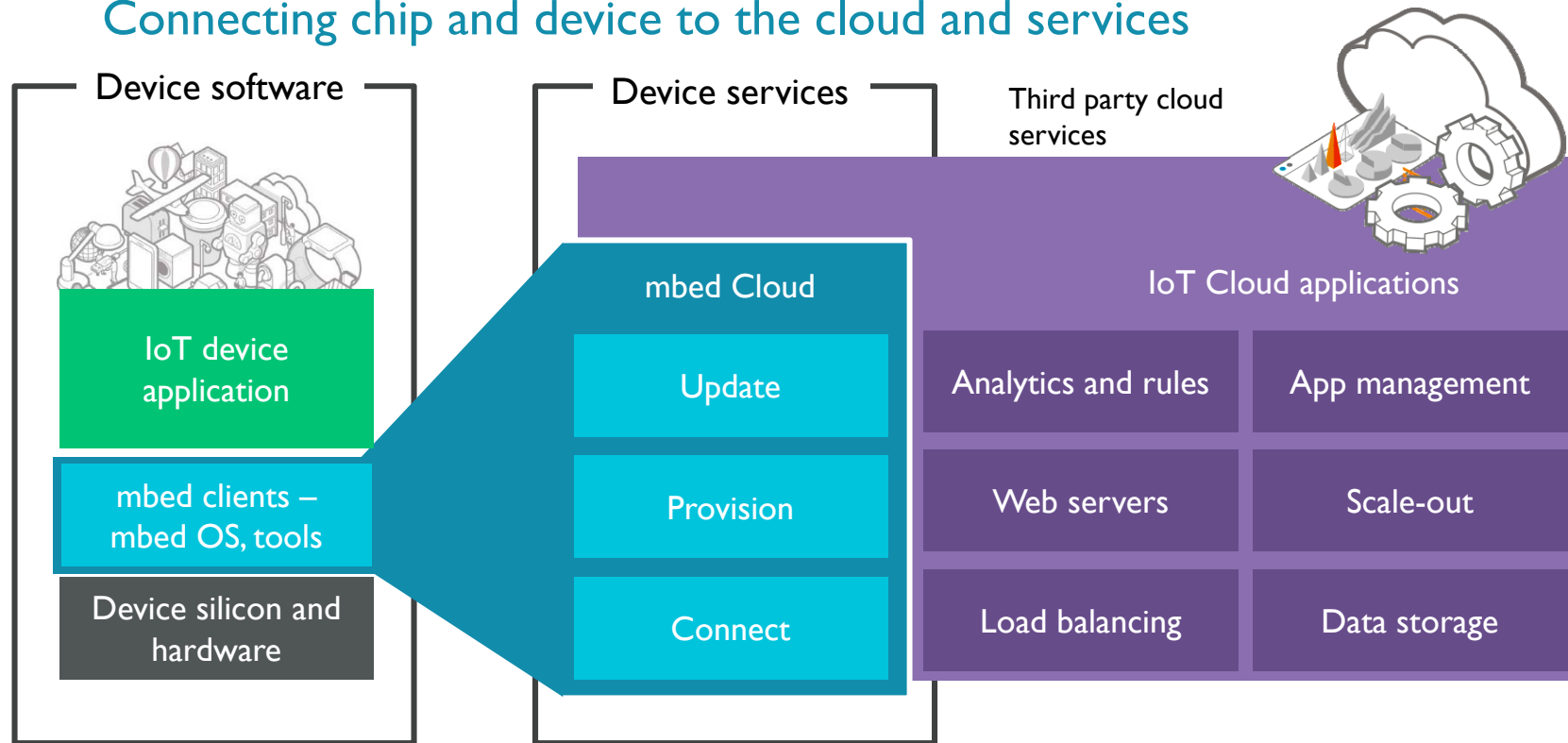
ARM technology for the IoT opportunity



10-year
battery life

Investing in the software platform for a secure IoT

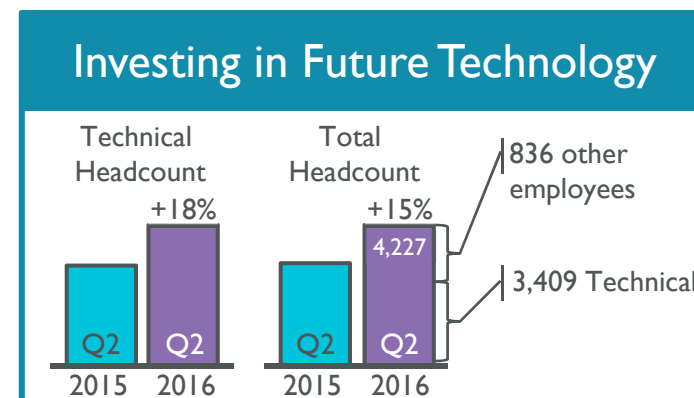
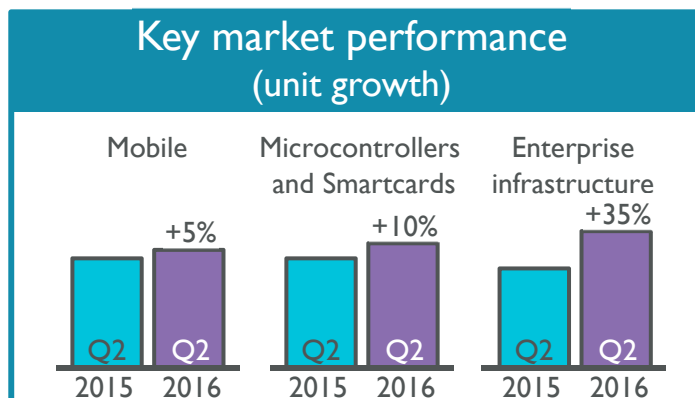
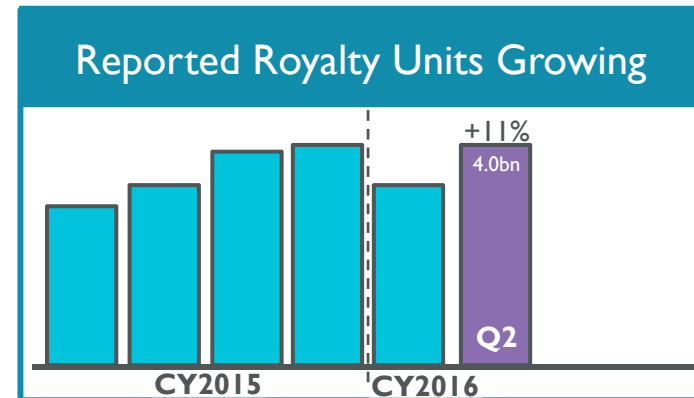
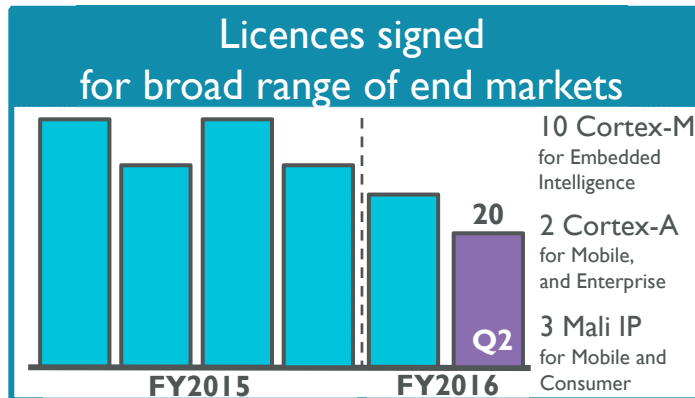
Connecting chip and device to the cloud and services



From Revenue to Profits and Cash

FY 2015 Revenues	\$m	£m	%revs	
Licensing	603	394	39%	Over 95% of revenues earned in US dollars
Royalty	832	563	53%	Royalties approximately 50% of revenues
Software and Services	124	82	8%	
Total	1,559	1,039	100%	
Total Costs		500		
Adjusted EBITA (£m)		539		10% move in \$/£ impacts profits by ~15% (forex impacts £ revenues and costs)
Operating Margin		52%		
IFRS EBIT (£m)		434		Strong revenue growth has driven operating margins and profits

Qtr ending Sept. 2016* – Progress against strategy



Investment leading to technology adoption in Q2 2016

Introducing technologies for a broad range of industry-leaders in different markets



New processors for secure embedded applications such as Internet of Things

Cortex-R52 for safety critical subsystems such as automotive and robotics

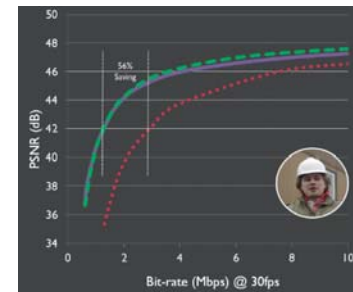
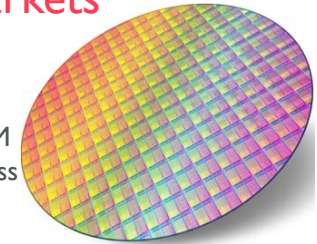


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Mali-G51 bringing virtual reality to mainstream mobile handsets

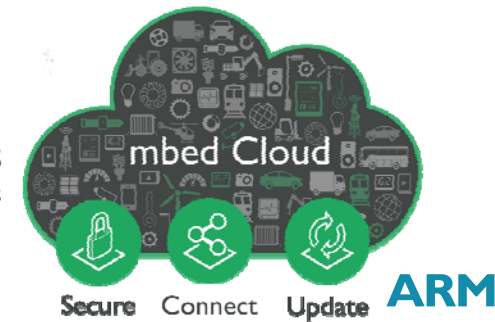
Intel announced partnership with ARM for physical IP on 10nm foundry process



Mali-V6I adding 4K at 120fps video encode in a smartphone

— Mali-V6I VP9
- - - Mali-V6I HEVC
... Mali-V550 H.264

mbed Cloud: ARM's SaaS product for Internet of Things



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- Most quarters ARM hosts a series of investor events. Recordings of these events are available on the ARM investor website at www.arm.com/ir