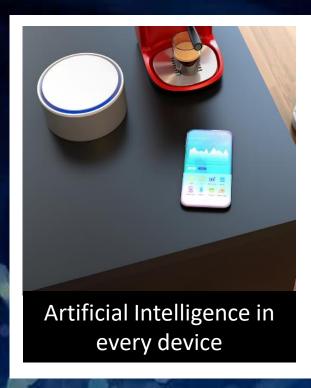
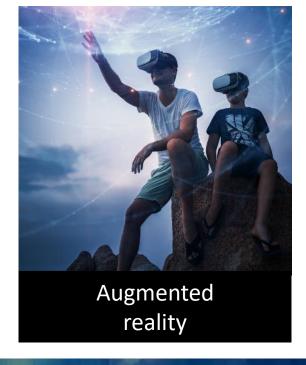


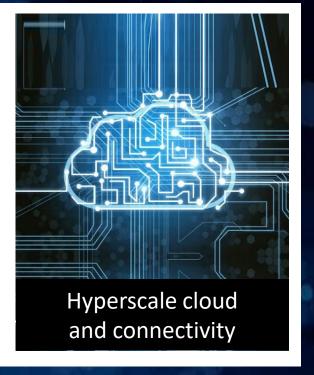


Technology trends that will redefine all industries











Security and Privacy

Arm defines the technology that will redefine all industries

	Mobile and Consumer	Networking and Servers	Automotive and Robotics	Internet of Things
Artificial Intelligence in every device				
Autonomous machines				
Augmented reality				
Hyperscale cloud and connectivity				
Security and Privacy				

Arm introduction

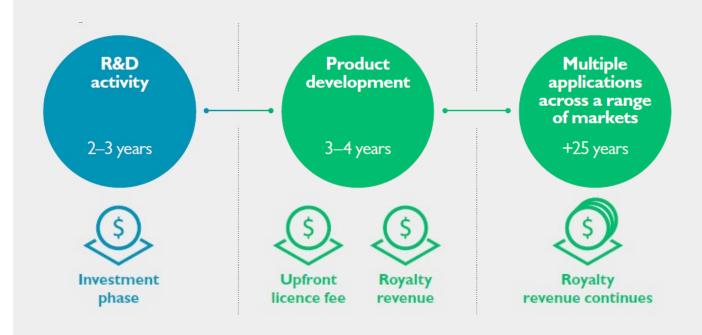
Global leader in technology licensing

R&D outsourcing for semiconductor companies

Innovative business model

- Upfront licence fee flexible licensing models
- Ongoing royalties on partner sales
- Technology reused across multiple applications

Long-term, secular growth markets



>1,650 licences
Growing by >100
every year

>525 potential royalty payers

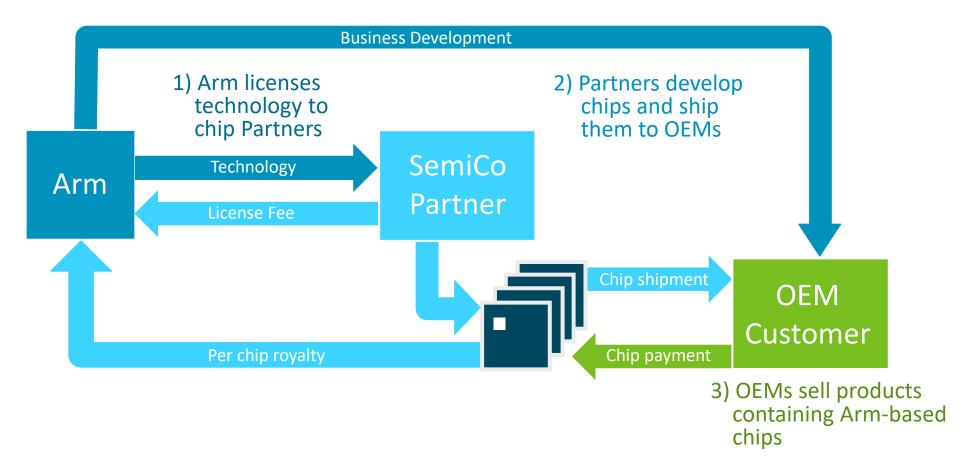
>21 bn Arm-based chips shipped in 2017

~15% CAGR over previous 5 years

Arm's 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





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 profits and cash generation in the future



Arm's main growth markets

Mobile and Consumer Devices



- Smartphones, tablets and laptops
- Apps processor, modem, connectivity, touchscreen and image sensors
- Growth coming from higher-value Arm technology such as Arm v8-A, octa core, multimedia

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 Markets



- Automotive, white-goods, wearables, smart devices in industrial and utilities
- Microcontrollers, smartcards, embedded connectivity chips
- 300 companies have licenced Arm processors for use in embedded computing devices



History of Arm

Joint venture between Acorn Computers and Apple





Designed into first mobile phones and then smartphones



Now all electronic devices can use smart Arm technology



1990

1993 onwards

Today

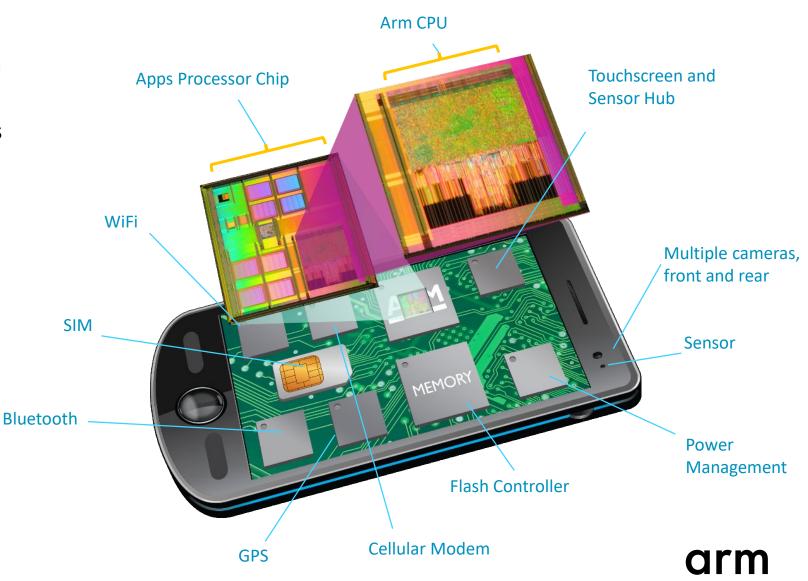


Smart devices contain many Arm processors

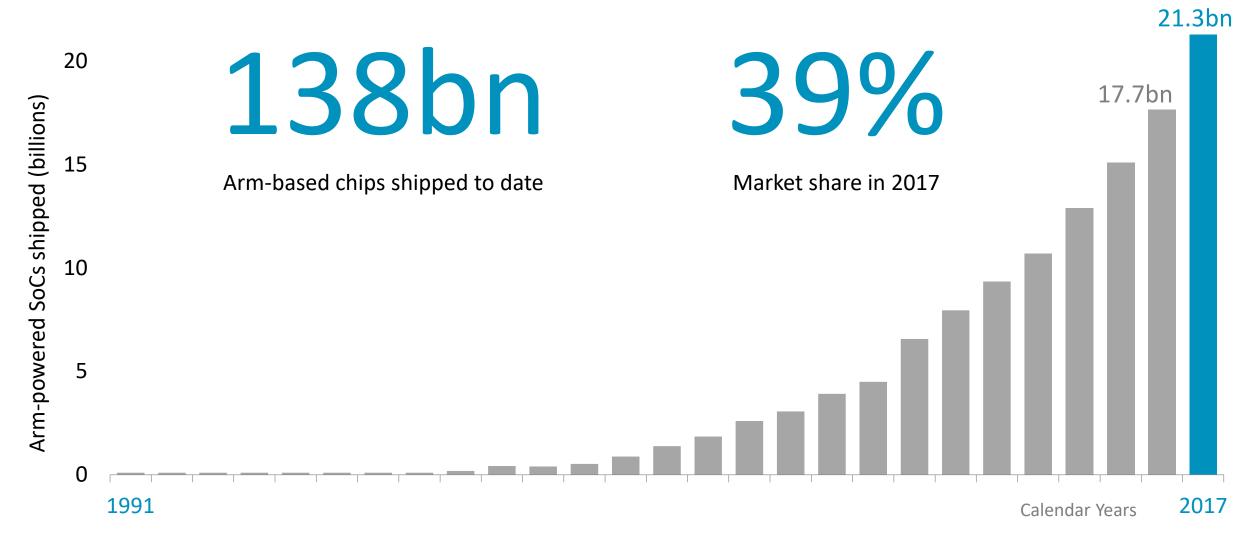
Applications Processor chips can contain multiple Arm technologies

- Arm v8-A processor for OS and apps
- Cortex-R controller for modem.
- Cortex-M controllers for peripherals
- Arm Mali multimedia processors:
 GPU, video, display, camera, etc.
- Arm physical IP

When new functions are added to smartphones it creates opportunity for new Arm IP



Arm-based chip shipments



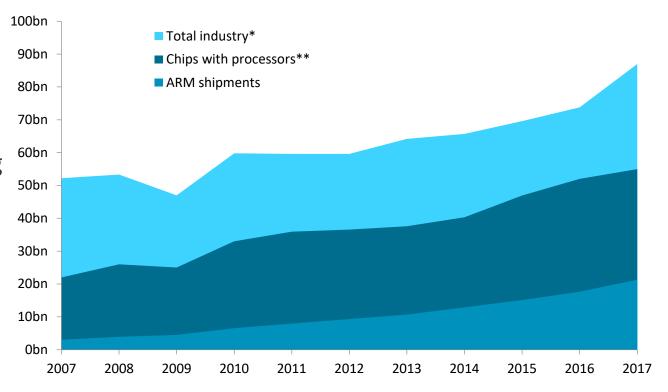


Arm's opportunity continues to broaden

Semiconductor industry continues to grow: 8% by volume, 3% by value over past five years

Proportion of chips with processors is increasing over the medium term: 65% in 2017

Arm is gaining share within the "chips with processors" segment of the industry: 39% in 2017



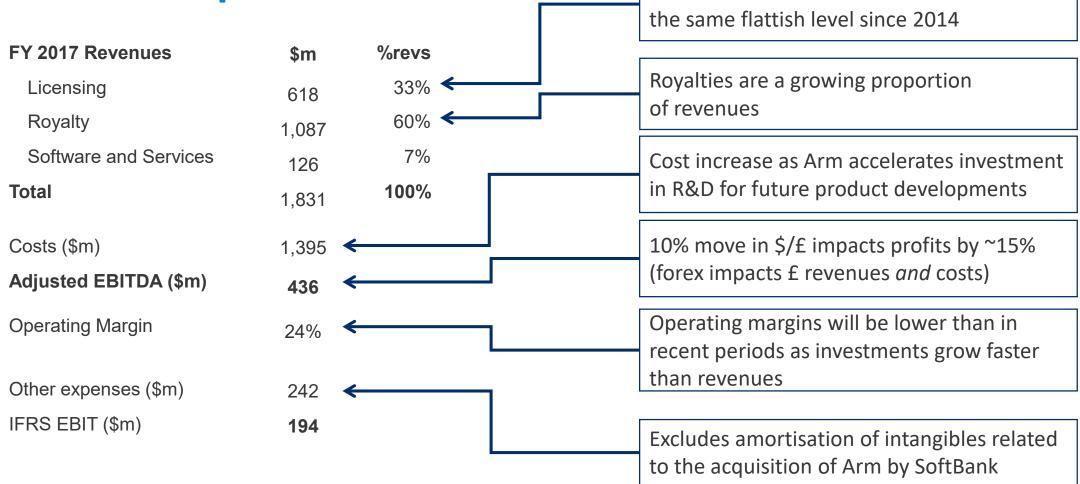
^{*} Data source: WSTS, April 2018 and Arm, Industry volume excluding analog and memory

Calendar years



^{**} Arm estimates

From revenue to profits





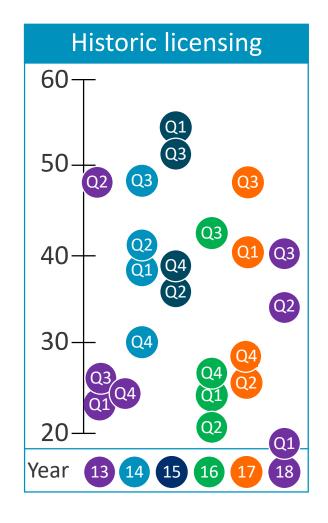
License revenues have been maintained at

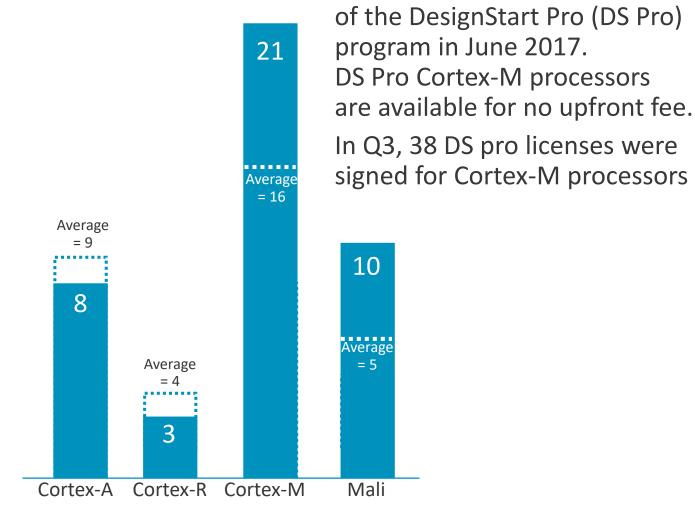
Qtr. ending Dec. 2018 – Financial summary

Revenues (\$m)	Q3 2017	Q3 2018	Growth	Licensing can fluctuate quarter to quarter.
Licensing	190	125	-34%	In Q3, customers were worried about potential global industry slowdown in 2019
Royalty	297	305	3%	potential global industry slowdown in 2019
Software and Services	33	56	70%	Royalty revenue growth driven by market
Total (\$m)	520	486	-7%	share gains and increasing royalty per chip
COGS (\$m)	28	34	21%	Includes \$15m from recent acquisitions of
R&D (\$m)	206	175	-15%	Treasure Data and Stream Technologies
SG&A (\$m)	163	158	-3%	
Costs (\$m)	397	367	-8%	Q3 2017 includes FlexPot which fell into
Adjusted EBITDA (\$m)	123	119	-3%	Q22018
Depreciation & amortisation (\$m)	23	35	52%	
Other operating (income) expenses (\$m)	46	5	-89%	
IFRS EBIT (\$m)	54	79	46%	



Q3 Licensing: 42 is in the normal range







The number of licenses for

Cortex-M processors has been

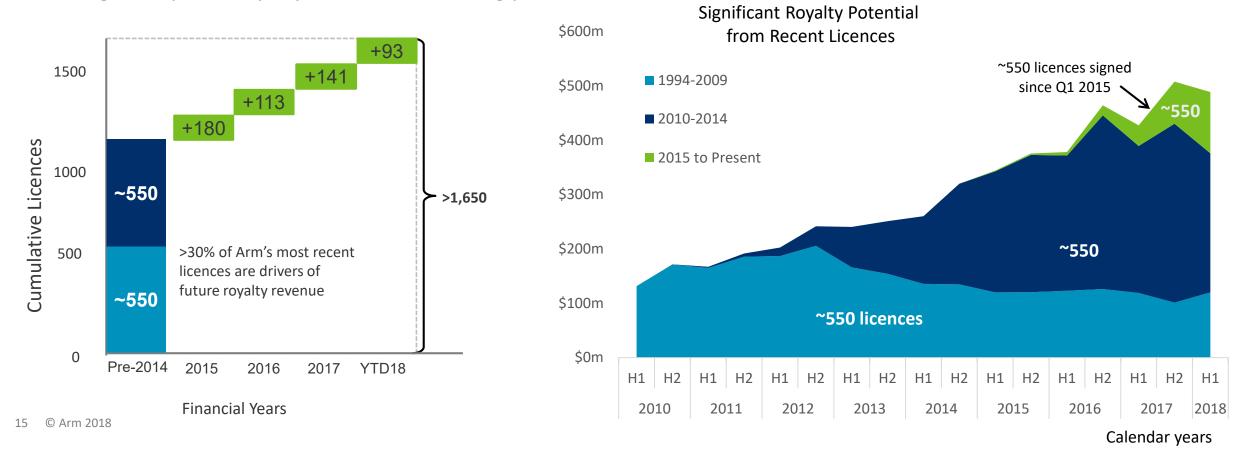
reduced since the introduction

Licensing enables future royalties

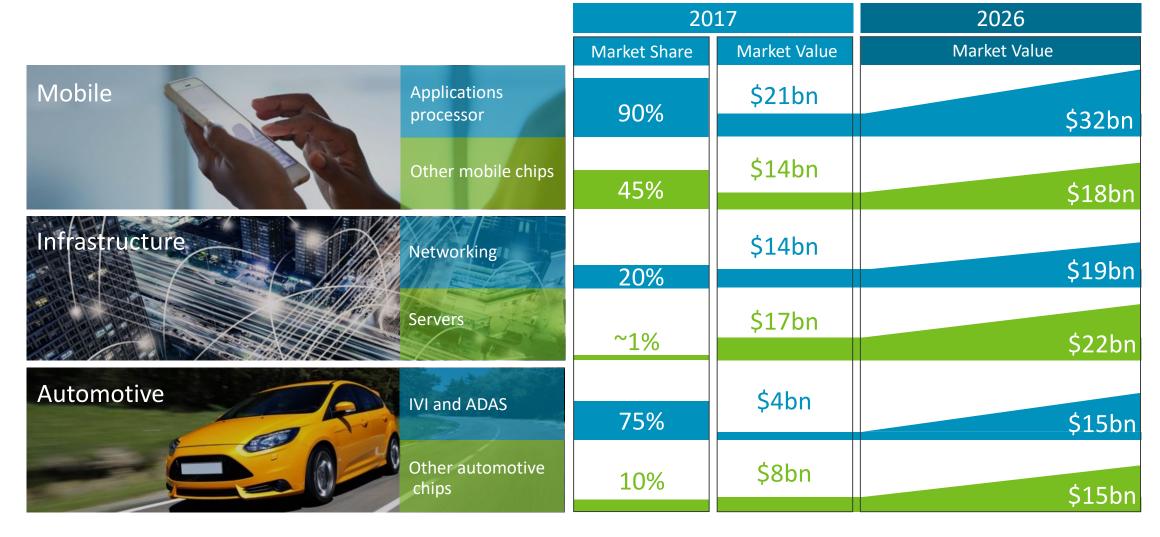
Arm signed 93 licences Q1 to Q3 2018

Arm's current royalty revenues are derived from licences signed many years ago

Growing base yields royalty revenues over long period

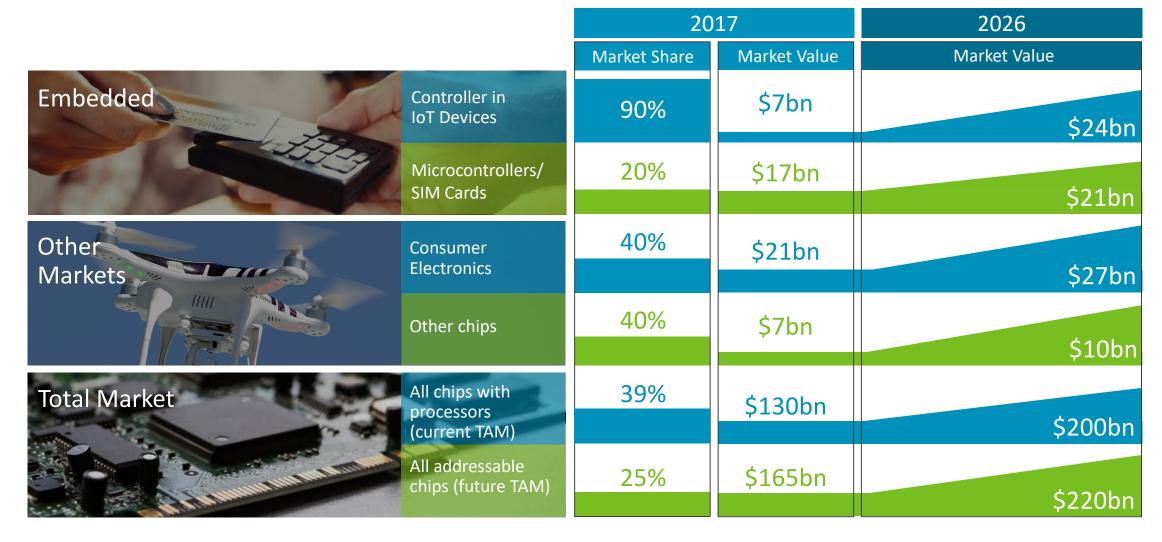


Arm's expanding opportunity





Arm's expanding opportunity





Establishing Arm China JV in Fiscal Q1 2018

Building a bigger business; built on strong foundations

>150

Licensees

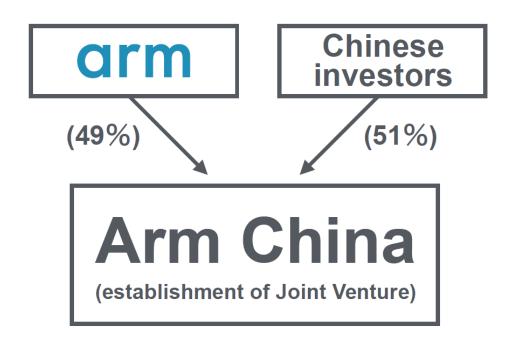
10bn

Chips shipped by Chinese partners using Arm processor technology

95%

Chinese designed SoC based on Arm processor technology x140

Growth in volume shipment by Chinese partners 2006-2017



Arm China will be able to better access new local technology opportunities, especially in server, smart meter/grids and IoT



Establishing Arm China JV in Fiscal Q1 2018

Building a bigger business; built on strong foundations

>150

Customers to novate from Arm Limited to Arm China

341

Employees transferred to Arm China in Q1

~20%
Arm's revenue came from

10-20
Licenses signed in a typical quarter with Chinese customers

Significant proportion of future revenues will be passed back to Arm Limited

China in 2017

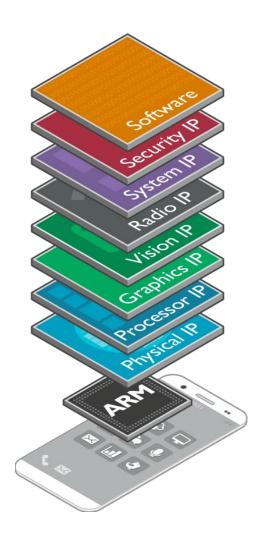
Arm China JV establishment was initiated in early Q1 2018 and completed at the end Q1

Novation (transfer) process or historical contracts resulted in a delay to contract signing in the H1 2018

As expected, licensing started to recover in Q2 and was at a normal level in Q3



Arm's current business



Arm develops intellectual property (IP) blocks which are used in silicon chips

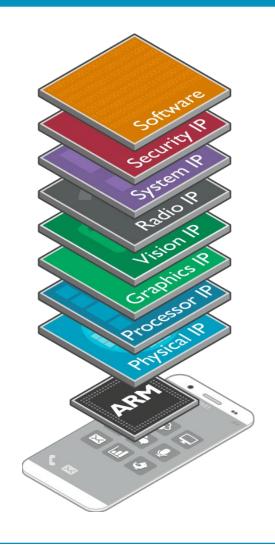
Our partners combine Arm IP with their own IP to create complete chip designs

We earn license fees when we deliver Arm IP to our partners and royalties when our partners ship chips that contain Arm IP

Highly profitable and cash generative



Accelerating investment to increase share gains



Generating profits and cash to be reinvested

Investing to create new revenue streams

- Arm Pelion IoT Platform SaaS business
- Early-stage investment but many years in research
- Securely connect and manage any device, using any communications technology, supporting any cloud platform
 - Device Management: secure device identification, on-boarding and configuring
 - Connectivity Management: manage IoT networks using standard-based comms
 - Data Management: Ingestion and aggregation of data



Arm Pelion Partners





Arm IoT Services

Secure and scalable innovation from Device to Data

- + > 30 PB of customer data managed
- + > 2 million records per second ingested
- + > 300K queries per day
- + 55 TB network data flow per month
- * Smart grid technology partnership with KEPKO, the largest electric power utility in South Korea
- China Unicom partnership for China based services

800+
customers

140+

Ecosystem partners

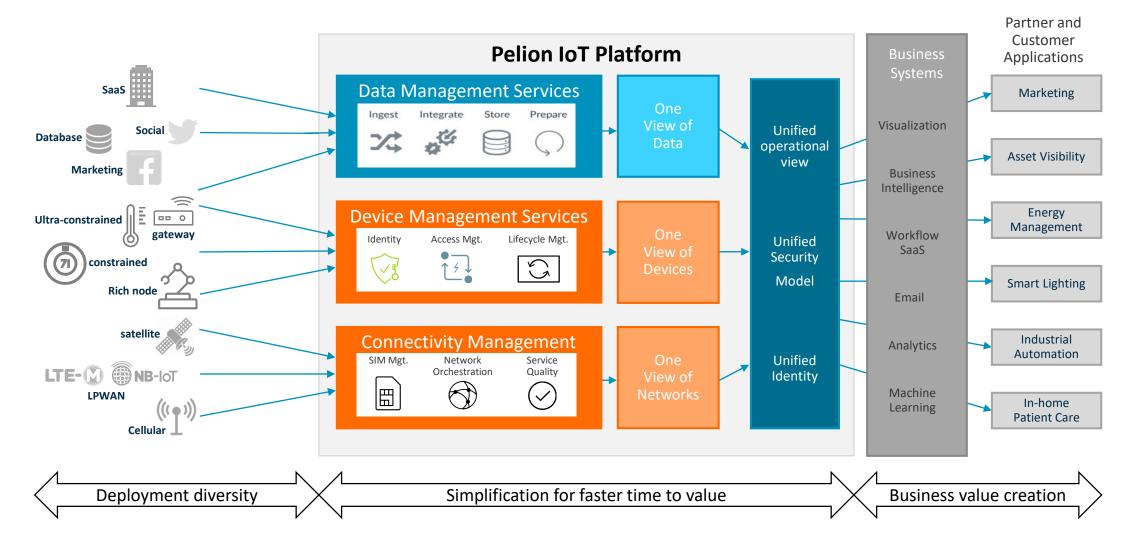
#

350k+

Developers



Pelion IoT Platform Overview





How Arm makes money from IoT Devices

Semiconductor technology **MBED** OS 2x Arm Cortex-M3

Arm Integrated SIM technology

(Arm iSIM)

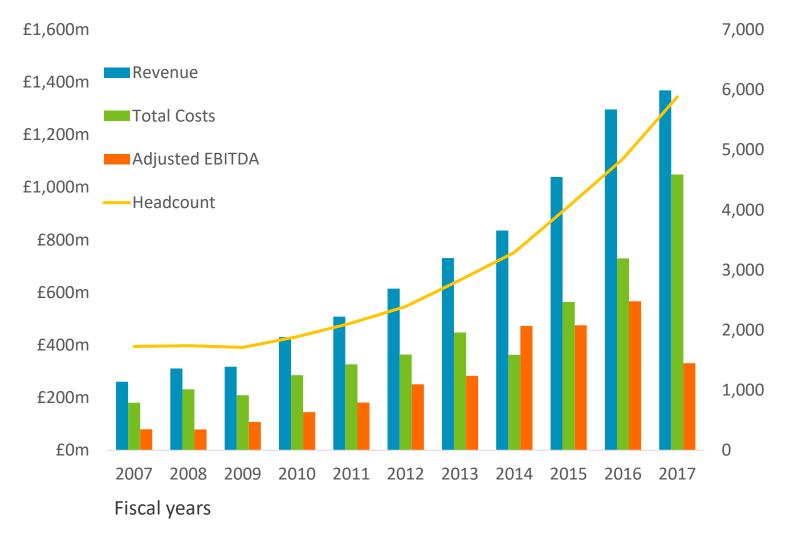


How Arm makes money from IoT Services

Connectivity, Device and Data Management Other data sources Recurring Device and Control of Data Management Fees IoT devices OEM Control of devices Data collected Data from devices from IoT devices



Revenues, investments and profits



Until 2016 revenues grew faster than costs as Arm constrained investment in R&D to enable increasing profits

For the current phase of investment Arm expects costs to grow faster than revenues

This should yield even greater profits in the future

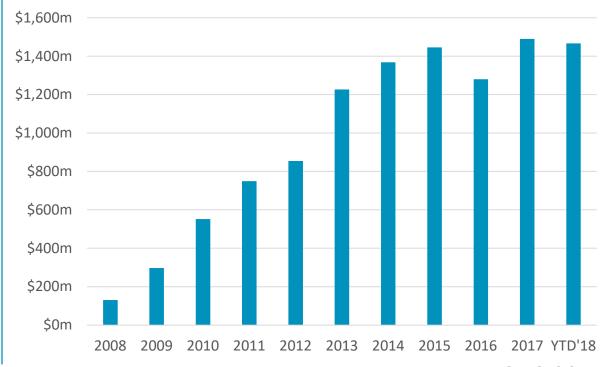


Investment philosophy

"Now is the time to be sowing, not harvesting"

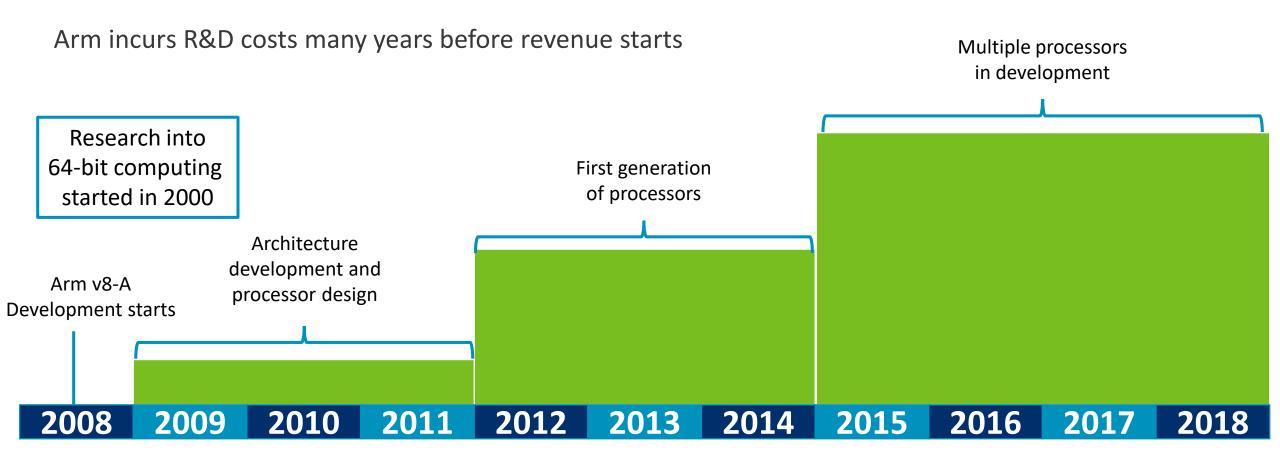
- Rate of investment is discretionary and under Arm's control
- SoftBank has asked Arm to accelerate investments and to increase risk appetite
- All costs are expected to be financed from IP business' revenue streams
- During this accelerated investment phase, costs are expected to grow faster than revenues

Arm has over \$1.4bn of net cash and no debt





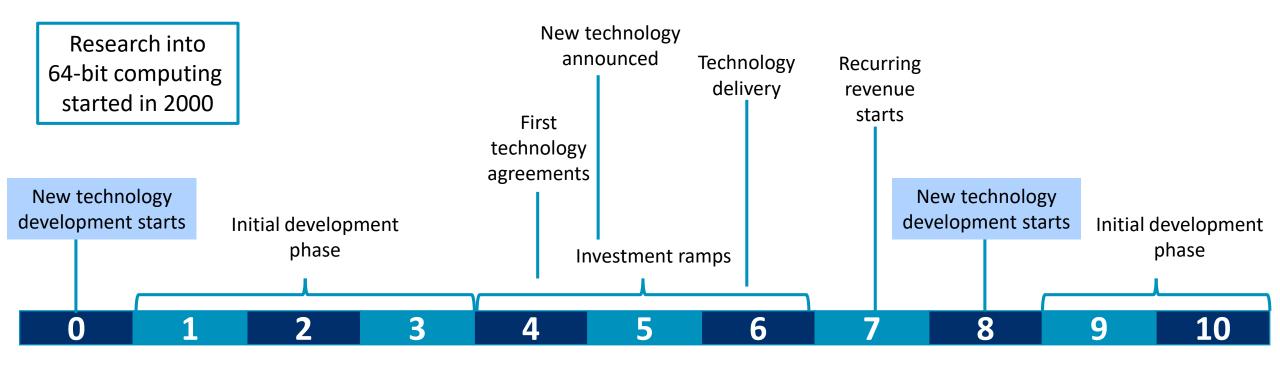
Return on Investments – Arm v8-A case study





Return on Investments – General case

Arm incurs R&D costs many years before revenue starts



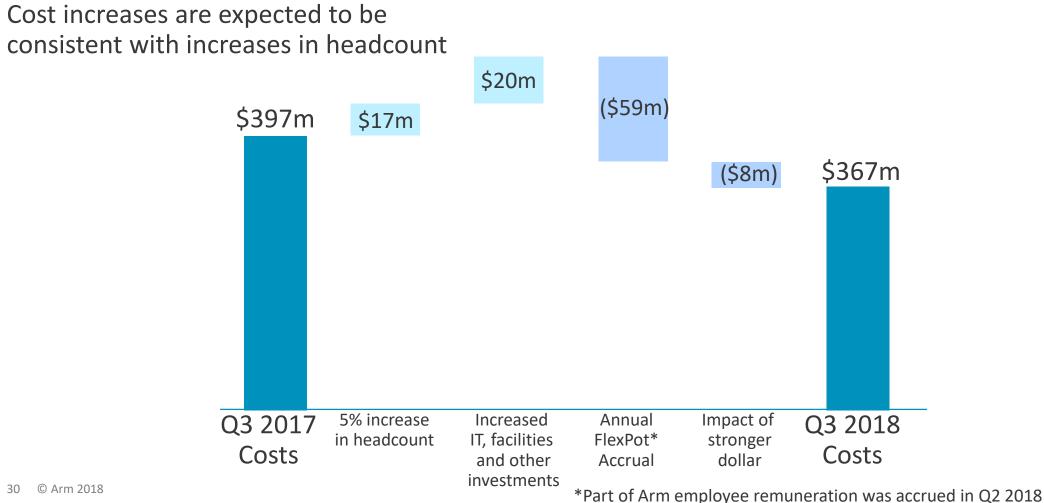
Revenue continues for many years after the investment phase, yielding high profits over time



Investing in people, infrastructure to create new products

In 2017 this accrual was in Q3.

Costs are expected to be higher in FY2018 as Arm expands R&D capability





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More content available on

Arm's website:

arm.com/ir SoftBank Group's website: softbank.jp/en/corp/irinfo/

