# Robot



### Investor Relations December 2019



### Forward Looking Statements

- Certain statements made in this presentation that are not based on historical information are forward-looking statements which are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995.
- These statements are neither promises nor guarantees, but are subject to a variety of risks and uncertainties, many
  of which are beyond our control, which could cause actual results to differ materially from those contemplated in
  these forward-looking statements.
- Investors are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date hereof. iRobot Corporation undertakes no obligation to update or revise the information contained in this presentation, whether as a result of new information, future events or circumstances or otherwise.
- For additional disclosure regarding these and other risks faced by iRobot Corporation, see the disclosure contained in our public filings with the Securities and Exchange Commission.



### Investment Highlights NASDAQ: IRBT Market Cap: \$1.4B\*

### HQ: Bedford, MA

Category creator, innovator and leader in Robotic Vacuum Cleaners (RVCs)

Track record of strong revenue growth with continued runway to support expansion

Ongoing progress to diversify product portfolio and build position within Smart Home ecosystem

Navigating challenging market conditions in the U.S. that have impacted 2019 performance

Execute on 2020 strategic priorities to fuel growth, defend category leadership and fund initiatives critical to long-term value creation







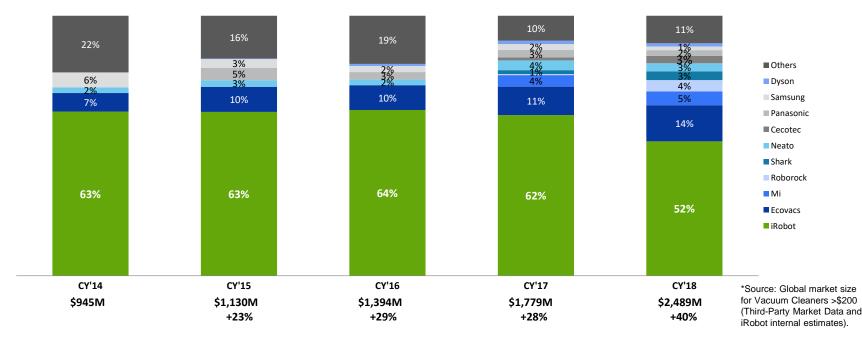


Introduced in 2002, 25m units sold, 9m+ connected robots

Global category leader well positioned for future expansion

Broadened portfolio over the past two years to extend premium position

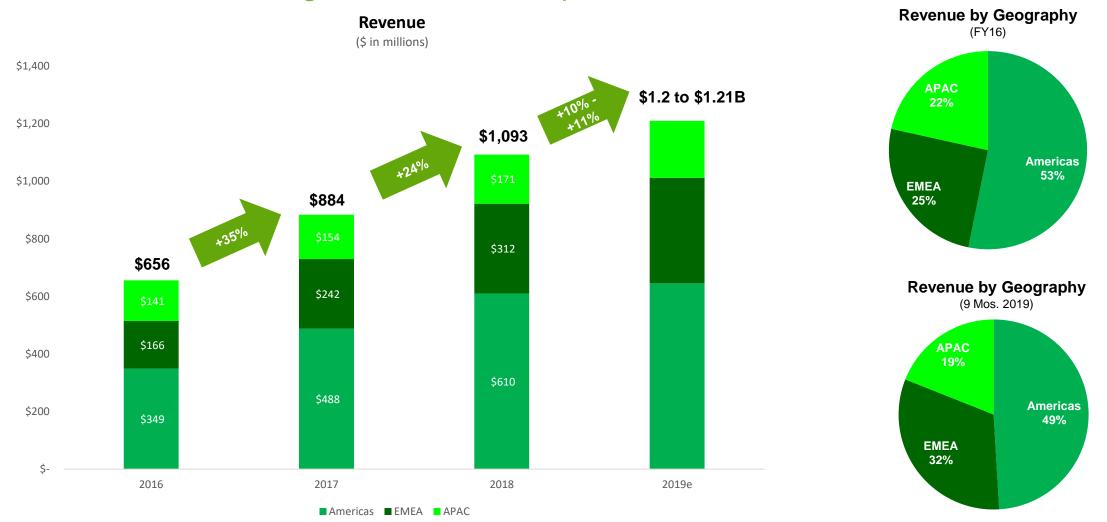
Consistent innovation across the portfolio to widen competitive moat



Global \$ Segment Share (RVC+, +\$200)

## Track Record of Strong Revenue Growth

### Continued double-digit international expansion



### Continued Runway to Support Expansion

**RVCs Gaining Momentum with Consumers but Household Penetration Remains Low** 

2012: ~\$5B Market

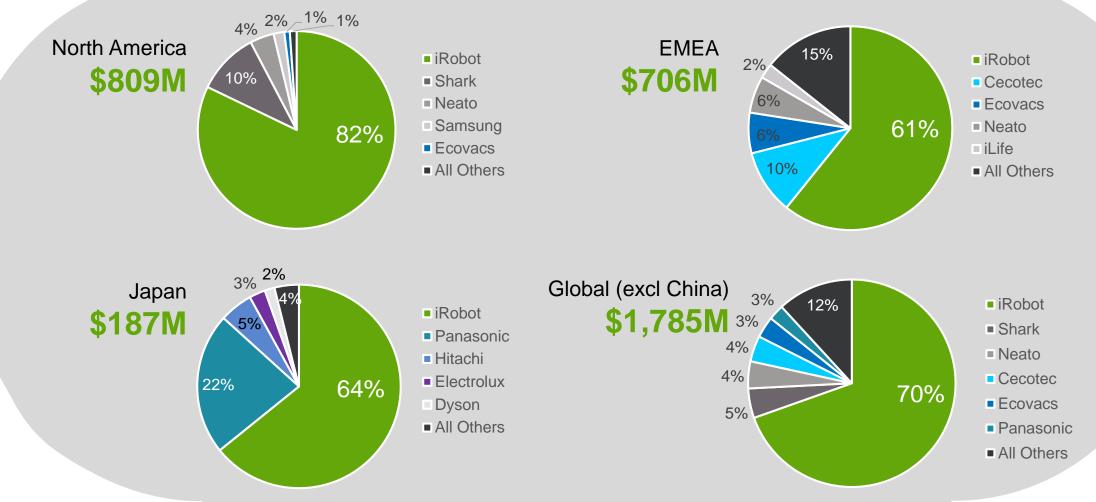


Immediate addressable market ~2X current installed base

\*Source: Global market size for Vacuum Cleaners >\$200 (Third-Party Market Data and iRobot internal estimates).

## Fortify RVC Category Leadership

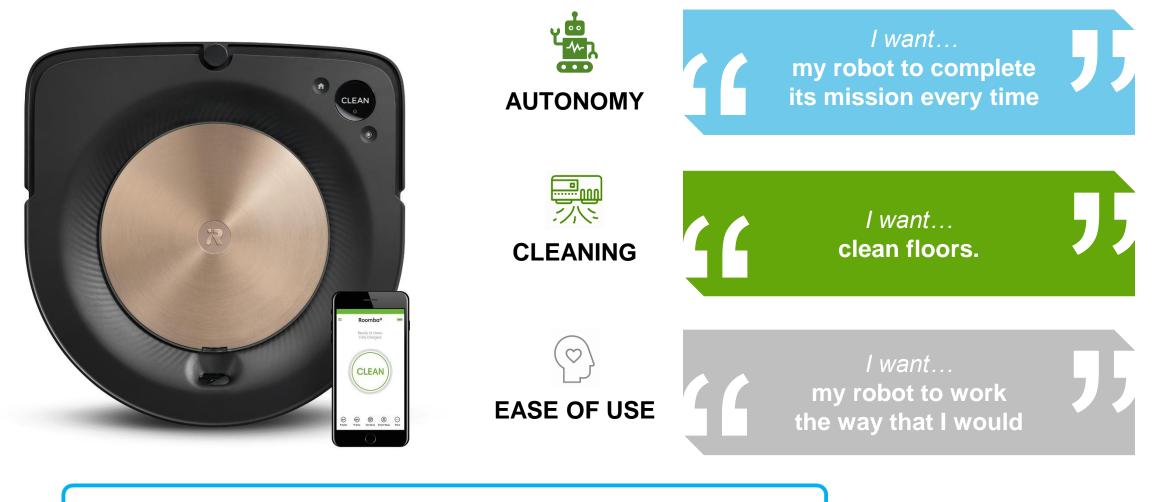
### 2018 Global Retail Share



\*Source: Global market size for Vacuum Cleaners >\$200 (Third-Party Market Data and iRobot internal estimates).



### Fortifying RVC Category Leadership The Roomba Experience What our customers want



**Experience-Driven Design** 

## Our Innovation Establishes New Bars for RVC Leadership

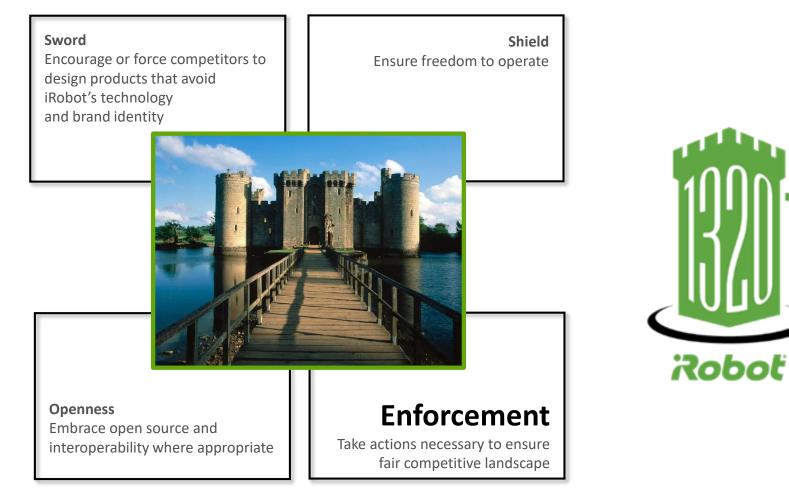


Introduce Innovation in flagship product; Flow innovation across lower price point products

\* Compared to Roomba 600 series



## Widening Our Competitive Moat



2017: Favorable final determination from ITC on iRobot U.S. infringement claim 2019: Pursuing IP infringement litigation against Shark-Ninja

### IEEE Top 20 Patent Powerhouses

#### Electronics - 2017

Rank	Company	Headquarters	
1	Apple Inc.	US	
2	Sonos Inc.	US	
3	LG Electronics Inc.	South Korea	
4	GoPro Inc.	US	
5	iRobot Corp.	US	
6	Dolby Laboratories Inc.	US	
7	Sony Corp.	Japan	
8	Canon	Japan	
9	Koninklijke Philips NV	Netherlands	
10	Hand Held Products Inc. (Honeywell Int'l.)	US	
11	Goertek Inc.	China	
12	Kimree Inc.	China	
13	Samsung SDI Co.	South Korea	
14	Panasonic Corp.	Japan	
15	Hitachi Ltd.	Japan	
16	Xerox Corp	US	
17	Knowles Corp.	US	
18	Fujifilm Holdings Corp.	Japan	
19	Int'l Game Technology	UK	
20	Schneider Electric	US	
	December 2019	10	

## **Diversify Product Portfolio Beyond RVCs**





Vacuuming



#### Mopping – Braava robot mopping family

- 2019e revenue: ~\$100m
- Introduced new Braava jet® m6 Robot Mop in May 2019
  - Advanced cleaning performance
  - Extended Coverage
  - iAdapt® 3.0 Navigation with Imprint<sup>™</sup> Smart Mapping Technology
  - Imprint<sup>™</sup> Link Technology for teaming missions with s9, i7 or 900 series RVCs
  - Smart Charge & Resume and other Roomba digital features

#### Mowing – Terra robot mower

- 2019 beta tests in Germany and the U.S.
- Limited online sales in 2020 larger scale commercial launch in 2021
- Highly differentiated
  - Newly-developed wire-free beacon system
  - Imprint<sup>™</sup> Smart Mapping Technology for intelligent navigation
  - iRobot HOME App for customization and control
  - Smart Charge & Resume and other Roomba digital features

Large, Global and Growth-Oriented Total Addressable Markets

## **Digital Features Help Drive Differentiation**



#### **Mapping & Navigation**

Makes our robots smarter, simpler to use, and to provide valuable spatial context



#### **User Experience**

Rich, convenient ways to interact with our family of products and customize their utility to support an ever-changing range of lifestyles



#### Smart Home

An ecosystem of connected, coordinated robots, sensors, and devices that helps deliver a higher quality of life



Build position within Smart Home Ecosystem

### Smart devices provide actionable insights into the home...

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...and a system of devices using our products' **Home Understanding** can deliver on the **promise of the Smart Home**.

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### Navigating Challenging Market Conditions in the U.S.

- Direct and indirect headwinds from U.S.-China trade war and escalating tariffs
  - May 2019: 25% tariff on RVCs, up from 10% in Sept. 2018
  - Limited competitor marketing in the U.S. through October 2019
- Price increases in July 2019 aimed at partially offsetting tariffs but resulted in suboptimal sell-through
  - Category growth slower than originally expected
  - iRobot gained share through August 2019
- Rolled back prices to pre-tariff levels on most SKUs and expect demand/sell-through to increase
- Excellent progress with supply chain diversification
  - Establish manufacturing in Malaysia
  - Rebalance manufacturing volumes within China
- Disciplined management of cost structure



## Supply Chain Diversification – Considerations

#### Industry Trends Diversification outside of China gains momentum

#### **Product Roadmap**

We won't sacrifice the timing of new product introductions

#### ROI

Cost to establish manufacturing in Malaysia vs. cost in China with Tariffs

#### **Geographic Risk**

Location outside China with optimal balance of infrastructure, expertise, cost and proximity to iRobot offices

> Establish Manufacturing in Penang, Malaysia in 2019 with continued ramp in 2020

Rebalance manufacturing volume within China; ensure dual sourcing

> Tariffs Impacts timing and volume

#### **Dual-Source Risk**

Opportunity to further dualsourcing efforts across iRobot SKUs

#### **Expectations**

Balance profitability expectations with need to ensure continuity of supply

#### Perlis Thailand kedah Penang Perak Perak Kuala Lumpur Selangor Pahang KI Negeri Sembilan Melaka Melaka-Johor Johor

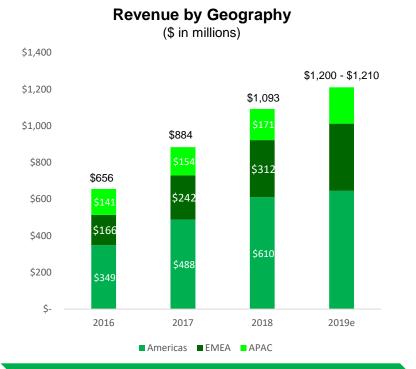
#### Malaysia Manufacturing Update

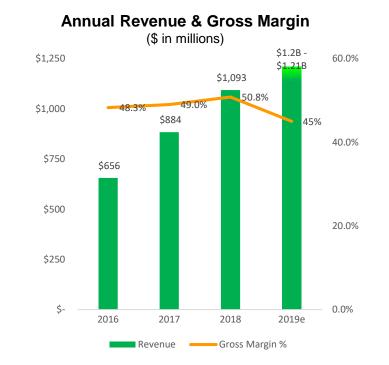
- Great progress during 2019
- Successfully qualified production in Q319
- 2020 volume plans being finalized
- Plan to produce one entry-level SKU and add additional SKUs as needed



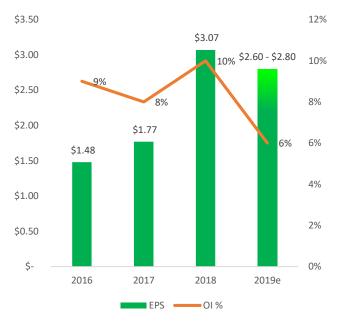


### Anticipated 2019 Performance\* Shaped By ...









Muted U.S. category growth colored by tariffs

Strong category growth in EMEA with aggressive competitor pricing & promotion

Modest category expansion in Japan as expected – and we have gained notable share

Pricing/Promotion actions and tariffs impact gross margin

Adjusted OpEx to mitigate lower revenue and gross margin pressure

\* Expectations for FY19e as of 10/23/19

## **2020 Strategic Priorities**

Drive U.S. segment growth	Pre-tariff pricing, ongoing promotion and new marketing activities	
Fuel Roomba sales globally	Capitalize on working media efficiency while tapping further into strong brand loyalty	
Leverage substantial investment in software	Extend differentiation and elevate consumer experience through digital features	
Deliver on product roadmaps	Delight consumers across portfolio of RVCs, robotic mops and robotic lawn mowers	
Defend intellectual property	Protect three decades of innovation and 1,400+ patents; advance current IP litigation	
Limit expense growth while funding key initiatives	Diversify supply chain, tighten discretionary spending and control timing/pacing of new hires	

## Preliminary View into 2020

Revenue growth in excess of 10%

Gross margins expected to drop below 40%

Maintain investment to drive long-term shareholder value

Minimal operating expense leverage only partially offsets gross margin decline

Operating income down significantly from 2019



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# THANK YOU

Any questions?

