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Innovation at Harris

Mark Edwards

Innovation and User Experience Lead, Harris Corporation Space and Intelligence Systems

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INNOVATION AT HARRIS

MARK EDWARDS

Innovation and User Experience Lead



Harris



Advanced technology for customers whose missions are vital to the world's safety and security

17,500 employees worldwide

7,900 engineers and scientists

Industry leading commitment to research and development (5%)

Agile, commercial mindset to meet the most demanding budgets and deadlines

The result: innovation with a purpose and missions that succeed





THE INNOVATION OFFICE

Investing in internally crowd sourced innovation guided by customer needs

Innovation process



Guidance

Idea submission

Innovation Team Review

Gated Development

Adoption

Employee Innovation website



New innovations are constantly disrupting today's standards. Harris delivers state of the art technology, but we can't just sit back and relax.

We were built on ideas and new ideas drive breakthroughs. Nobody understands the technology you work on better than you.



SUBMIT IDEA

Idea adoption



Multiple Sources of Sponsorship

IRAD

Commercial offering
Pre-program product

vs.

CRAD

Build to customer

Development contract

VS.

New Program

Proposal win for new program

VS.

Existing Program

Pull through into program

Multiple Paths into Organization

Business Level

New offering

Extension of offering

Enhancement of offering

Segment Level

Foundation for new business Incubation of new venture

Corporate Level

Partnering

Licensing or sale of IP / assets

Innovator incentive



Autonomy & Ownership

Positive view of participation

Exciting non-routine opportunity and channel for passion

Performance & Recognition

Recognition of time and effort above and beyond that results in value Recognition for increase in value from experience and skills earned Ability to demonstrate & be recognized for capability and high performance

Training & Development

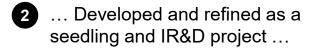
Exposure to development and relationship building opportunities

Opportunity to grow experience and skill set beyond normal

Innovation Success: HCR Antennas



1 An idea pitched via SharkTank ...



3 ... Has formed a new franchise











- Much smaller and simpler product than Harris heritage reflectors
- Maximized deployed/stowed compact ratio
- Explored surfaces and deployment mechanisms
- Maximized use of additive manufacturing



Contributed to significant wins!

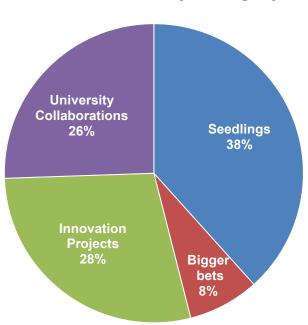
Over \$1B pipeline

FY19 metrics for Space and Intel segment

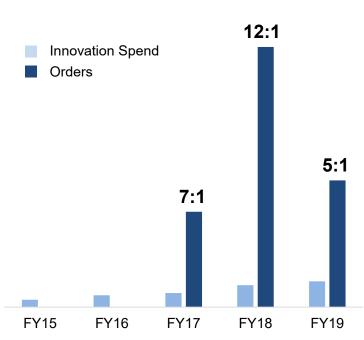


(\$million)

FY19 Portfolio by Category







FY19

475
NEW IDEAS

125
ONGOING PROJECTS

6:1 5 YEAR ROL Primarily: HCR NTS-3

Summary



Angel investor mentality

Aligned with business strategy

Exploit disruption and adjacencies

Harness and crowdsource 17,500+

Create culture of Intrapreneurialism