

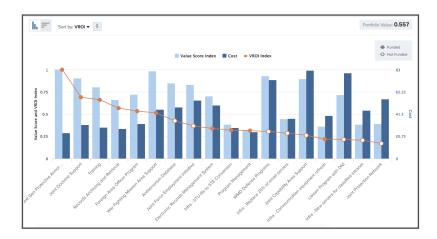
# SCIENCE AND TECHNOLOGY CAPABILITIES

Today's global economic and geopolitical environment is encouraging government agencies to produce innovative technologies with fewer resources – and do it at the speed of relevance. The advancement of science and technology (S&T) discoveries has never been more important – the DoD is dedicated to accelerating our modernization programs to solidify our competitive advantage. Take control of DoD portfolios and "Drive budget discipline and affordability to achieve solvency." – 2018 NDS

- Rapidly organize your data structure
- Centralize your submission process
- Easily Visualize your investment and quickly iterate
- Collaborate your strategy across your organization
- Crowd-source your subject matter
  expert opinions

Criteria T Parent Criteriz SME Program Technical Assessment			Alternatives				Hold 'Control' key while hovering	
			Name	Value				
Name	Value				ę	0.25		0,5
	0 0.25 0.5 0.75 1	+1	REEZ-Link	0.807				
Technology Maturity	14.06 %	à -1	Spiral Modulation	0.663				
Game Changing	7.05 %	à +2	Intel World	0.658				
Limitations & Risk	36.86 %	-+4	AWRAP	0.614				
		+1	EM Waver	0.614				
Focus Area Alignment		ê +4	BERN Bag	0.573				
Impact	13.89 %	à +5	DoCtorX	0.571				
Informed Estimate (G	7.94 %	à +6	Xenon	0.563				
		+2	Iron Man	0.553				
		-7	AR for Cyber	0.537				
		-4	SOARing	0.535				
		-8	SCS Initiative	0.463				
			INTER-SYS	0.435				
		-5	Edge of the World	0.380				
			KamakaZEE	0.359				
			FireBase	0.249				

## "A rapid, iterative approach to capability development will reduce costs, technological obsolescence, and acquisition risk." – 2018 NDS



- Conduct Trade-Offs
- Run Allocation Scenarios
- Budget **Cut/Surplus** Scenarios
- Maximize ROI



## DECISION LENS SOFTWARE SUPPORTS A VARIETY OF R&D INNOVATION DECISIONS

- **Track Innovation** as it matures from basic research to mature technology
- More Agile, Less Risky Decision Making
- Increase Defensibility

A	nnual IT Spend	12,000,0 (11,950, 50.000.00	18,000,0 (18,246, 246,666,67	19,500,0 (20,893, <b>61,393,333</b> )	15,500,0 (12,340, 3160,000)	65,0 (63, <b>65,0</b>
		12,000,0 (11,950, <b>50,000.00</b>	18,000,0 (18,246, <b>5245,655,57</b>	19,500,0 (20,893, <b>1393,333</b>	15,500,0 (12,340, <b>3,160,000</b>	65,0 (63, <b>1.57</b> 0
A	Iternative Timeline 📧					🔍 👻 View Op
	Expand All = Collapse All	2016	2017	2018	2019	
÷	Corporate Servers UN C			1	1	4,150,000.0
÷	Enterprise Data Mana 🕲 🖌					6,900,000.0
÷	Network Security & W_ 0.427					6,400,000.0
÷	Local Area Network L 0.14	1				4,850,000.0
÷	HQ PBX Replacement					4,500,000.0
÷	Mobile Payment Platf ©   •	1	1			4,300,000.0
÷	Configuration Manage	8	1			2,750,000.0
÷	Compliance LMS Impl 0			1	1	4,750,000.0
÷	Collateral Optimizatio 0   •					5,250,000.0
+	Electronic Personnel			1	1	4,010,000.0
÷	ID Management System C   •					5,750,000.0
+	Managerial Dashboard		0			7,500,000.0
÷	Voice Biometrics Syste C   *		-			4,150,000.0
+	Budget Consolidation C	1				
+	Centralized Audit Trail		8			
	0.582 0.582 nded Totals	11,950,000.00	18,246,666,67	20.893.333.33	12.340.000.00	

## CUSTOMER SUCCESS

Science and Technology



Department of Homeland Security Science and Technology

Capabilities Gap Prioritization

DHS headquarters S&T uses Decision Lens to prioritize projects related to S&T across DHS with component level Integrated Product Teams (IPT's) and Sub-IPT levels.

- Provides transparency of gaps across DHS in support of the Secretary
- Creates a platform for consistent analysis of projects between sub-IPT levels
- Streamline communication to the highest levels of government



### Office of the Undersecretary of Defense Intelligence (OUSD(I)) -Defense Intelligence and Innovation Office (DI20)

#### Strategic Prioritization

OUSD(I) - DI20 uses Decision Lens for strategic prioritization of investments in order to:

- Crowd-source subjective subject matter expert opinions against 250 project proposals
- Align warfighter investment priorities to strategic criteria
- Prioritize funding of the most relevant innovation projects across the Defense Intelligence Enterprise