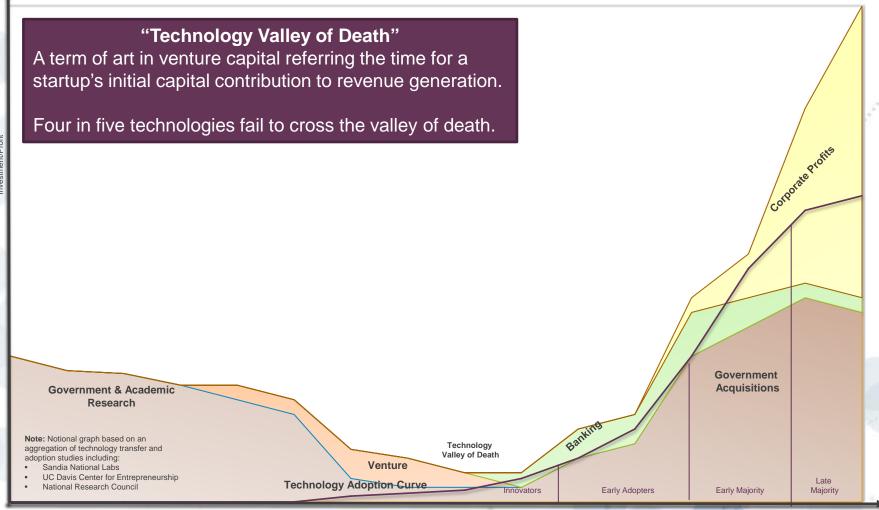
## Booz Allen's Innovation Hub Engagement Strategy

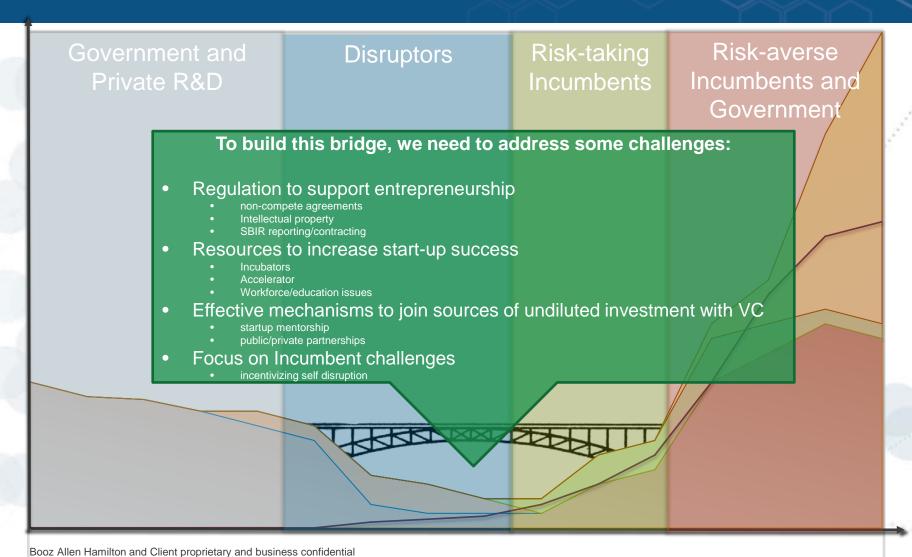
Connecting Federal Innovation Funds with Entrepreneurs to Accelerate Commercial Innovation



### The "Technology Valley of Death" describes the difficulty of progressing R&D to commercialization.



### Question: How can government and the private sector organize to bridge this divide?



## Booz Allen is investing in top eight US innovation hubs, helping to be a bridge for innovation.



### Some interesting Case Studies...

	Logo	Description	Mechanisms
COMOTION  UNIVERSITY of WASHINGTON		CoMotion is a collaborative hub for expanding the societal impact of UW by connecting to local and global innovation ecosystems	<ul><li>Incubation</li><li>Shared Resources</li><li>IP support</li></ul>
	CAMBIA ® GROVE	A community space in Seattle for health care innovation established by The Regence Group to grow the Washington State Health Care Innovation sub-sector.	<ul><li>Reverse Pitch Events</li><li>Mentorship</li></ul>
	PORT TECH	PortTechLA brings together entrepreneurs, strategic partners, and investors to accelerate innovation, advance clean technologies and create economic opportunities related to the port.	<ul><li>Pitch Events</li><li>Seed Funding for Startups</li></ul>
	LightSpeed	LightSpeed Innovations is a start-up accelerator with a mission to re-invigorate the Southern California Aerospace Industry.	<ul><li>Acceleration program for startups</li><li>Shared resources</li></ul>
	DEFENSE INNOVATION UNIT EXPERIMENTAL	DIUx (SF, Boston) – accelerates innovative technology into the hands of the men and women in uniform.	<ul><li>Customer Validation</li><li>Streamlined acquisitions</li><li>Interagency coordination</li></ul>



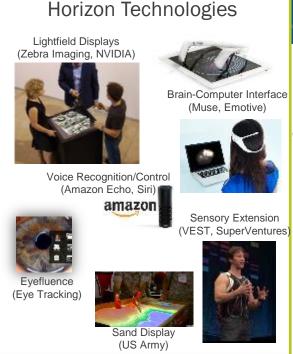
Unmanned systems will have a dramatic effect on the technology and regulatory landscape from security to labor and education.



### Experiential Technology is on the brink of commercialization – it will dramatically effect the way we work.

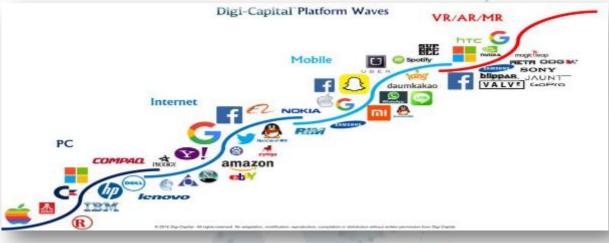






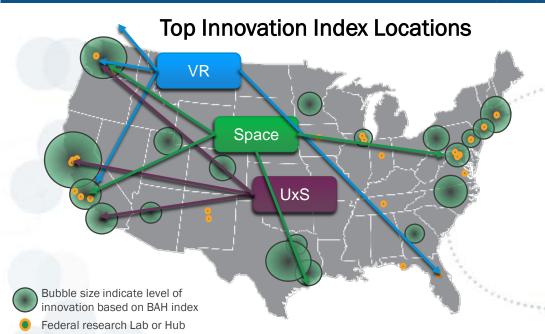
#### **Emerging Concerns:**

- Privacy
- Cybersecurity
- Biometric Security
- Public Safety
- Data Ownership





### Innovators cluster around a mix of incumbent industries, universities, and research labs.



#### **Innovation Hub Attributes**

- + Concentrations of accelerated ideation and entrepreneurship
- + Formal and informal network of investors, entrepreneurs, patents, and cutting-edge companies
- + Tend to have mixed economies with incumbent business, university and government research labs, and start-up activity

	Booz Allen Innovation Index Rank	Booz Allen Innovation Index Value	Focus
1	San Francisco	2.26	Social Media, VR/AR, Unmanned Systems, Big Data, Medical Informatics, Digital/B2C/B2B, Blockchain
2	Seattle	1.52	VR/AR, Unmanned Systems, Life sciences, Big Data, Clean Tech, Space Flight, Digital/B2C/B2B, Blockchain
3	Austin	1.47	Big Data, Energy/Clean Energy, Artificial Intelligence/Automation, DevOps
4	Boston	1.31	Biotech, Artificial Intelligence/Robotics, Big Data, Automation
5	Raleigh	1.31	Digital, High-tech Manufacturing, Data Science
6	San Diego	1.24	Biotech, Biometrics, Nanotechnology, C4ISR, Unmanned Systems
7	Los Angeles	1.22	Clean tech, Aerospace, Unmanned Systems, Space Flight, Media, VR/AR

# Based innovation metrics (venture, capital, patents, growth projection, startup activity, startup success, federal R&D funding), Booz Allen ranked innovation economies.

		Booz Allen Innovation Index Rank	Booz Allen Innovation Index Value	Innovation Cities Index	24/7 Wall Street Most Innovative Cities	Forbes Inventive Cities	Ewing Marion Kauffman Foundation, Startup Rating
	1	San Francisco	2.26	Boston	Boston	San Diego	San Jose
	2	Seattle	1.52	New York	San Francisco	San Francisco	Seattle
	3	Austin	1.47	San Francisco	New York	Boston	Denver
	4	Boston	1.31	Seattle	Seattle	Minneapolis	San Francisco
	5	Raleigh	1.31	Los Angeles	Los Angeles	Seattle	Washington, DC
L	6	San Diego	1.24	Washington, DC	Philadelphia	Raleigh	Raleigh
L	7	Los Angeles	1.22	Philadelphia			Austin
	8	Salt Lake City	1.11	Chicago			Portland
	9	Houston	1.05	Dallas			
L	10	Denver	1.02	Austin			
	11	Pittsburgh	1.02	Raleigh			
	12	Washington, DC	0.96	San Diego			
L	13	Minneapolis	0.94	Orlando			
	14	Phoenix	0.84	Portland			
	15	Dallas	0.83	Minneapolis			
							*Filtered to only include cities > 500,000 *Included cities that can be supported from relevant main office
	Source:	Please see the Appendi used to define this inde		(2012)	24/7 WallSt.com Most Innovative Cities in America (2011)	Forbes Most Inventive Cities (2013)	Entrepreneur.com Best Tech Startup Cities (2013)  *Filtered to only include cities > 500,000  *Included cities that can be supported from relevant main office

### Booz Allen defined ranked Innovation Hubs based on a variety of factors relevant to innovation.

			wanion Index = V for	GOP TOP FOR SOP + D
Variable	Measure	Description		Source
Р	Patents	A patent represents an invention and thus a good stand-in for i industries file patents at the same rate, i.e. the life sciences ten and B2B technology companies.	data extracted on 09 Oct 2013 05:34 UTC (GMT) from OECD.Stat	
V	Venture Capital Spending in 2012	Venture capital investments are hard to measure by city, but the researched individual deal and published this data using 2012	http://www.theatlanticcities.com/jobs- and-economy/2013/06/americas-top- metros-venture-capital/3284/	
S	Crunchbase Startups and Incubators & SBIR Recipients	CrunchBase is the free database of technology companies, per edit. Theoretically, a company listed in CrunchBase will likely be engage/influential founder. SBIR recipients represent start-ups	http://sbir.gov	
Se	Established Startups	Some economies have fostered startups that have grown in to pack leading startups should carry more weight than your average.		Fortune 1000 list
G	Future Growth Projection	McKinsey conducted a study in 2010 predicting the growth proseconomic conditions and trends.	http://www.mckinsey.com/insights/economic_studies/global_cities_of_the_future_an_interactive_map	
В	Buzz	There are several innovative city indexes that take in to accour as availability of educated/skilled talent, schools, likelihood that regulation, and work/life balance. This measure is just an average of the school of the scho	employees would move to the city,	http://www.entrepreneur.com/article/227 829; Innovation Cities Index (2012); 24/7 WallSt.com Most Innovative Cities in America (2011); Forbes Most Inventive Cities (2013); Entrepreneur.com Best Tech Startup Cities (2013)
Рор	Population	Based on U.S. Census 2010 data and 2012 projections		http://en.wikipedia.org/wiki/List_of_M etropolitan_Statistical_Areas
Gdp	Gross Domestic Product	U.S. Department of Commerce. September 13, 2011 – These a Jose listed in San Francisco, Baltimore listed in Washington, D		http://en.wikipedia.org/wiki/List_of_U .Smetropolitan_areas_by_GDP