



TEAM CRANE

CDR Timothy J. Powers
Commanding Officer
Naval Support Activity Crane



CAPT Mark Oesterreich
Commanding Officer
Naval Surface Warfare Center,
Crane Division



COL Michael Garlington
Commander
Crane Army Ammunition Activity

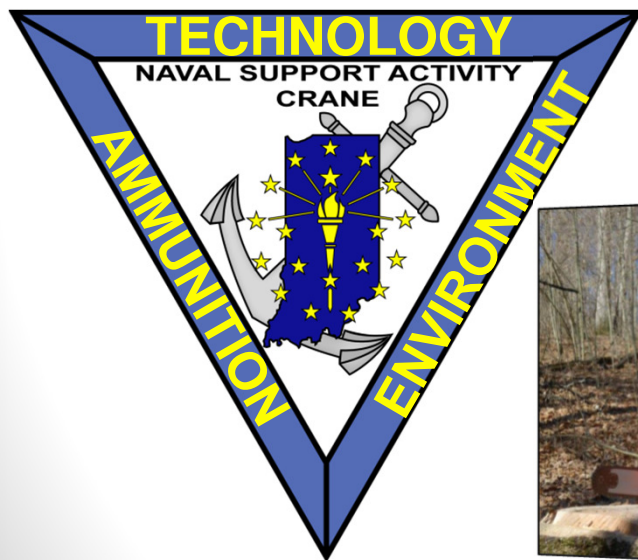




Naval Support Activity Crane

Mission

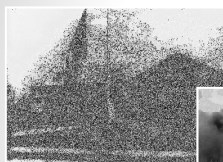
- To enable and sustain Sailors and Soldiers through Operational and Family readiness by providing consistent, standardized, and reliable shore support to out tenant partners.





History

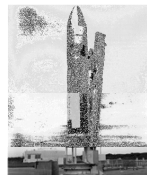
Serving the Nation's Warfighter Since 1941



Dec. 1, 1941 – Naval Ammunition Depot commissioned



Six days later ...



1959 – Polaris Missile assignment



1968 – Poseidon Missile development begins



1972 – Trident Missile enters production



1977 – Crane Army Ammunition Activity stands up



1984 – Patriot Missile fielded



1992 – Naval Surface Warfare Center established



2004 – Naval Support Activity Crane established



... and the Mission is still growing!



1943 – Renamed NAD Crane



1969 – Night Vision assignment



1971 – EA6-B enters production



1981 – USS Ticonderoga becomes 1st Aegis combat ship

1976 – Constitution Grove founded at Crane



1991 – Lake Glendora Test Facility opens



1995 – CLAWS design engineering begins



2003 – AN/TYQ-101 CDLS fielded



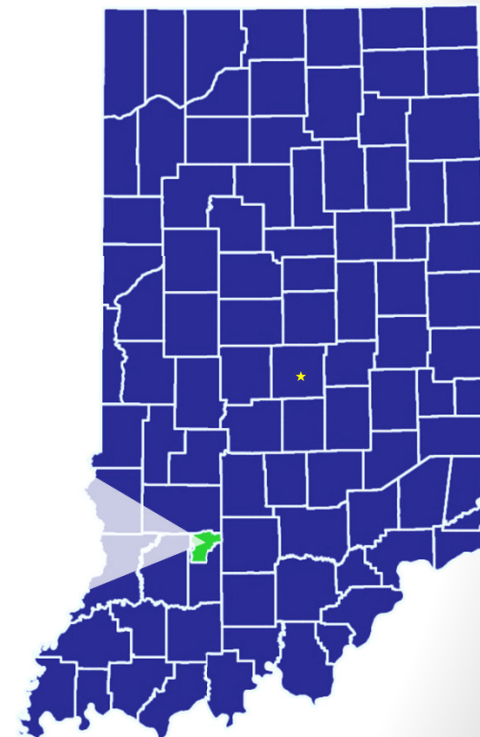
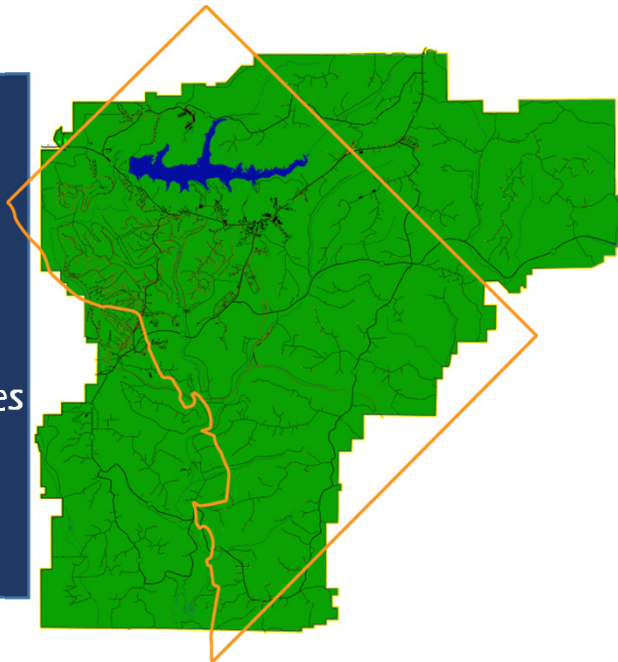
2008 – CVRJ reduces IED threat, saving lives



Fast Facts

- **Naval Support Activity Crane**
 - **3rd Largest Navy Installation in the World**

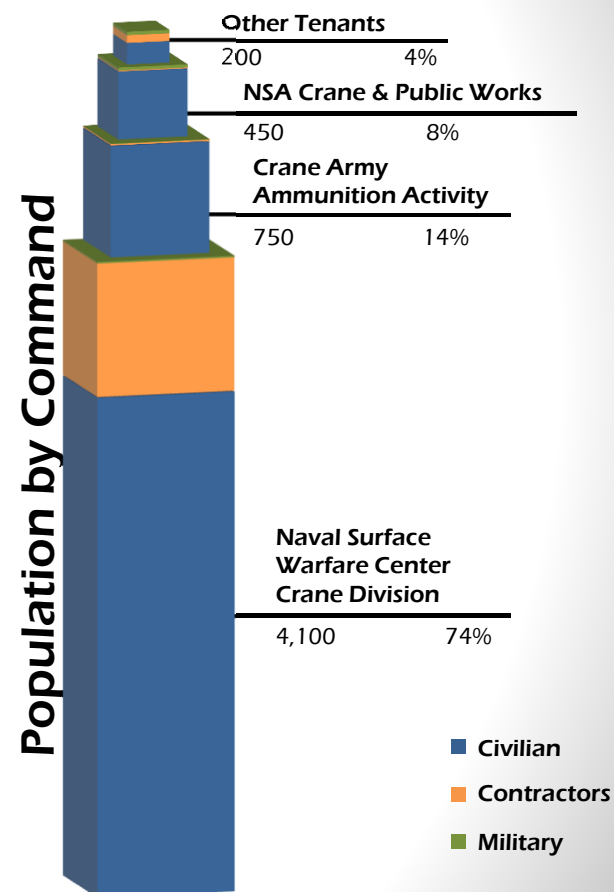
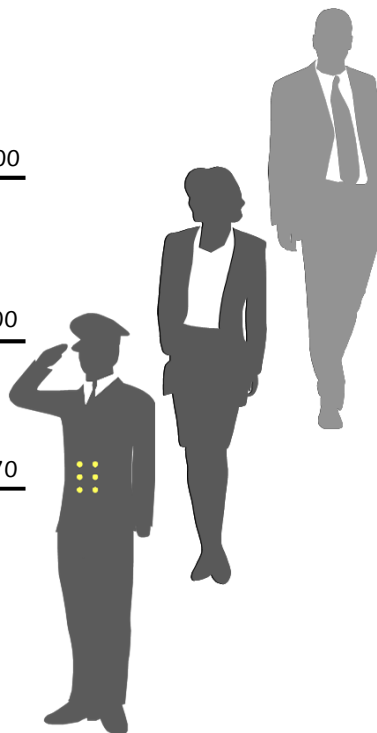
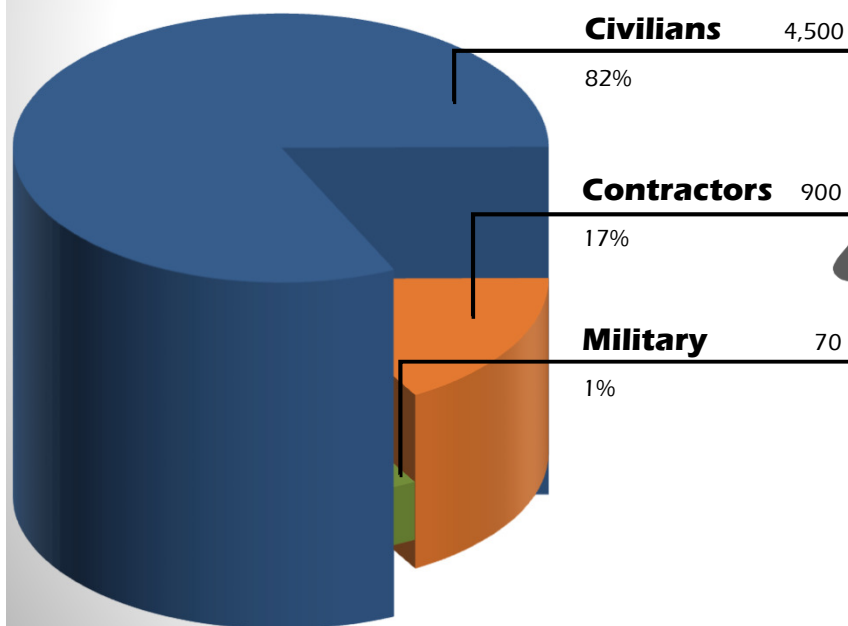
62,000 acres
97 sq. miles
40% larger than
Washington D.C.
3,000 buildings
1,800 storage magazines
500 mi road
90 mi active rail
70 mi fence line





Base Population

Total Population
~5,500





HARNESSING THE POWER OF TECHNOLOGY for the **WARFIGHTER**

***CAPT Mark Oesterreich, USN
Commanding Officer
NSWC Crane***

Building the Crane Innovation Ecosystem

Dr. Kyle Werner, Engagement Director, Kyle.werner@navy.mil

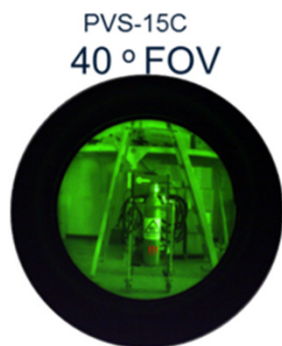
***Dr. Brett Seidle, SES
Technical Director
NSWC Crane***

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Bottom Line Up Front (BLUF)

Mission Critical Warfighter Solutions



First to Field Decisive Capabilities!

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Crane Innovation Ecosystem Evolution

FUNDAMENTALS

CAPACITY



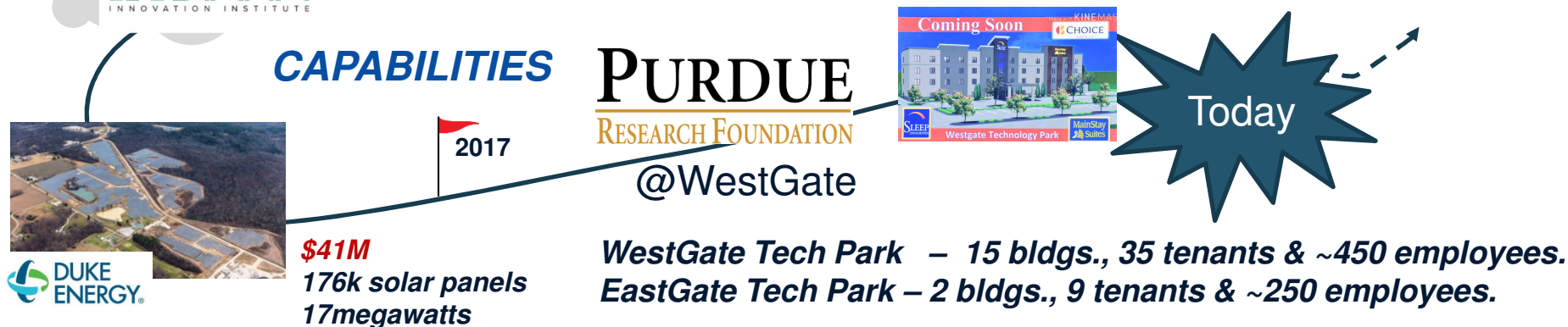
ACCESS



Over \$250M invested!

LEADERSHIP

CAPABILITIES



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Ecosystem Success Factors

- (1) Committed Leadership**
- (2) Dedicated Resource Investments**
- (3) Deliberate Collaboration**



Committed Leadership

- ✓ Innovation Central to Command's Guiding Principles & Vision
- ✓ Goal: Create a culture of Innovation that values leadership and employee engagement

We at NSWC Crane exist to provide the American Warfighter with solutions to their toughest technical challenges in order to better equip them with a DECISIVE advantage over our Nation's adversaries.

Create a culture of innovation that values leadership and employee engagement.	Integrate capabilities and processes to enable efficient and effective execution of our mission.	Innovate game changing and agile solutions.
Ethos	Execution	Excellence

Vision Statement

Combating our nation's greatest threats, NSWC Crane is the indispensable mission expert, leveraging our deep technical heritage to deliver solutions through innovation and strategic partnerships.

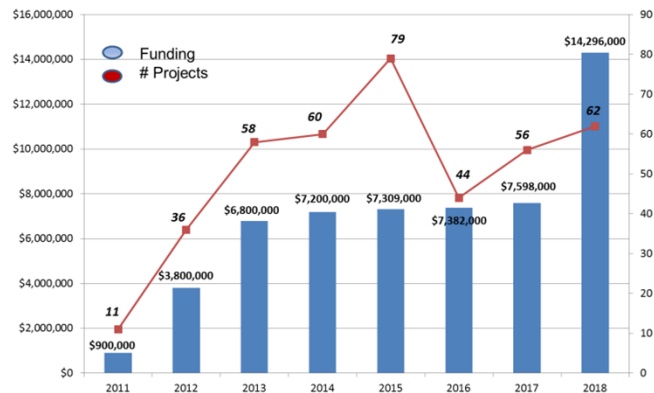
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Dedicated Resource Investment



- ✓ Naval Innovative Science & Engineering Program
- ✓ Mission Oriented Research
- ✓ Intellectual Capital Development
- ✓ Physical Capital Investment in Innovation Laboratories



STAR

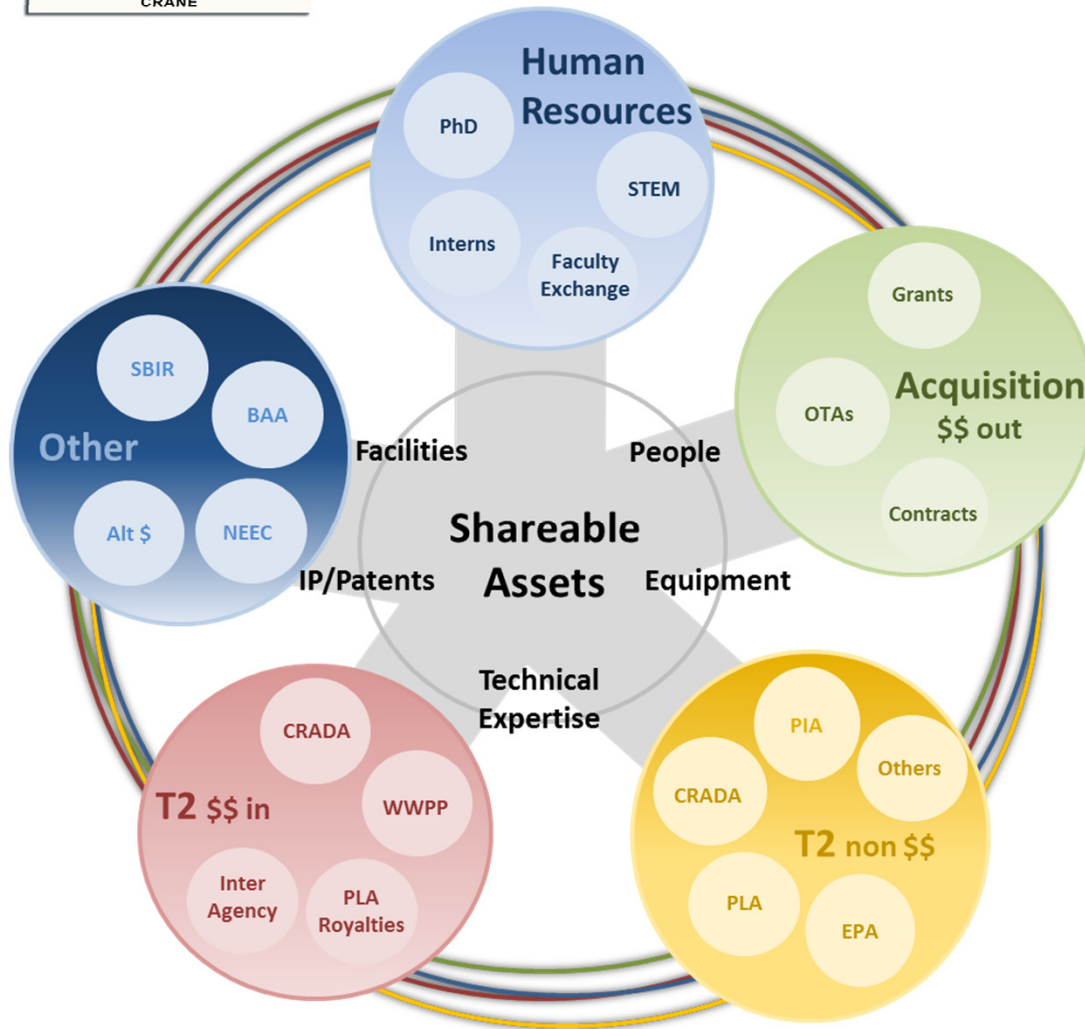
RIPL



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Deliberate Collaboration



Partnership Process

1. Identify desired outcome
2. Determine appropriate partnership type from T2 Toolbox
3. Weigh risks & benefits
4. Negotiate tasking, terms & conditions
5. Execute

Strategically Aligned Partnerships

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Deliberate Collaboration

T2 | TECHNOLOGY TRANSFER

238
Active
Agreements

STRATEGICALLY ALIGNED EXTERNAL PARTNERSHIPS:

- ☐ Delivering Rapid Innovation by Accelerating Technology Development and Transition
- ☐ Providing Game Changing Warfighter Solutions



NAVSEA **Bottom Line Up Front (BLUF)**

Mission Critical Warfighter Solutions

First to Field Decisive Capabilities!

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Thank You!

