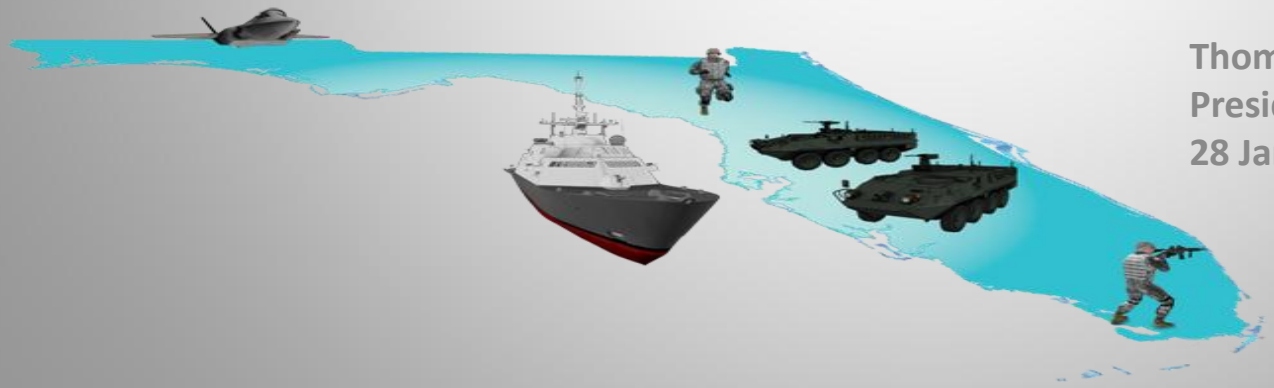
Orlando, FL—the epicenter of the world's Modeling, Simulation & Training Industry

"Team Orlando--A Unique Collaboration of Academia, Industry & Smart Government Dedicated to Improving Human Performance Through Simulation"



Thomas L. Baptiste, Lt Gen, USAF (Ret)
President/Executive Director
28 January 2013

Orlando's Modeling, Simulation & Training Cluster

From humble beginnings in 1965

to

today's cluster that produces $5.0B in opportunity each year!

Academia, Industry & Smart Government all played a pivotal role to foster consistent growth over the past 47+ years!

Why Orlando's Research Park

- **City, County & State Government** have promoted cluster growth with political, infrastructure & educational support
- **40 acres in the Research Park** were given to the U.S. Navy (1984) to build the DeFlorez Complex & create a MS&T Center of Excellence (COE)
- **Consistent Federal Government & DoD funding** has attracted Industry in big numbers **(>100)**
  - **Research Park is adjacent to UCF**—second largest University in the U.S.
  - Home for the **MS&T acquisition organizations** for all the Services except the U.S. Air Force
  - **Proximity facilitates synergy** between Academia, Industry & Government found no where else in the world
  - **Partnership, collaboration & teamwork** lower program risk and are good for America & the warfighter

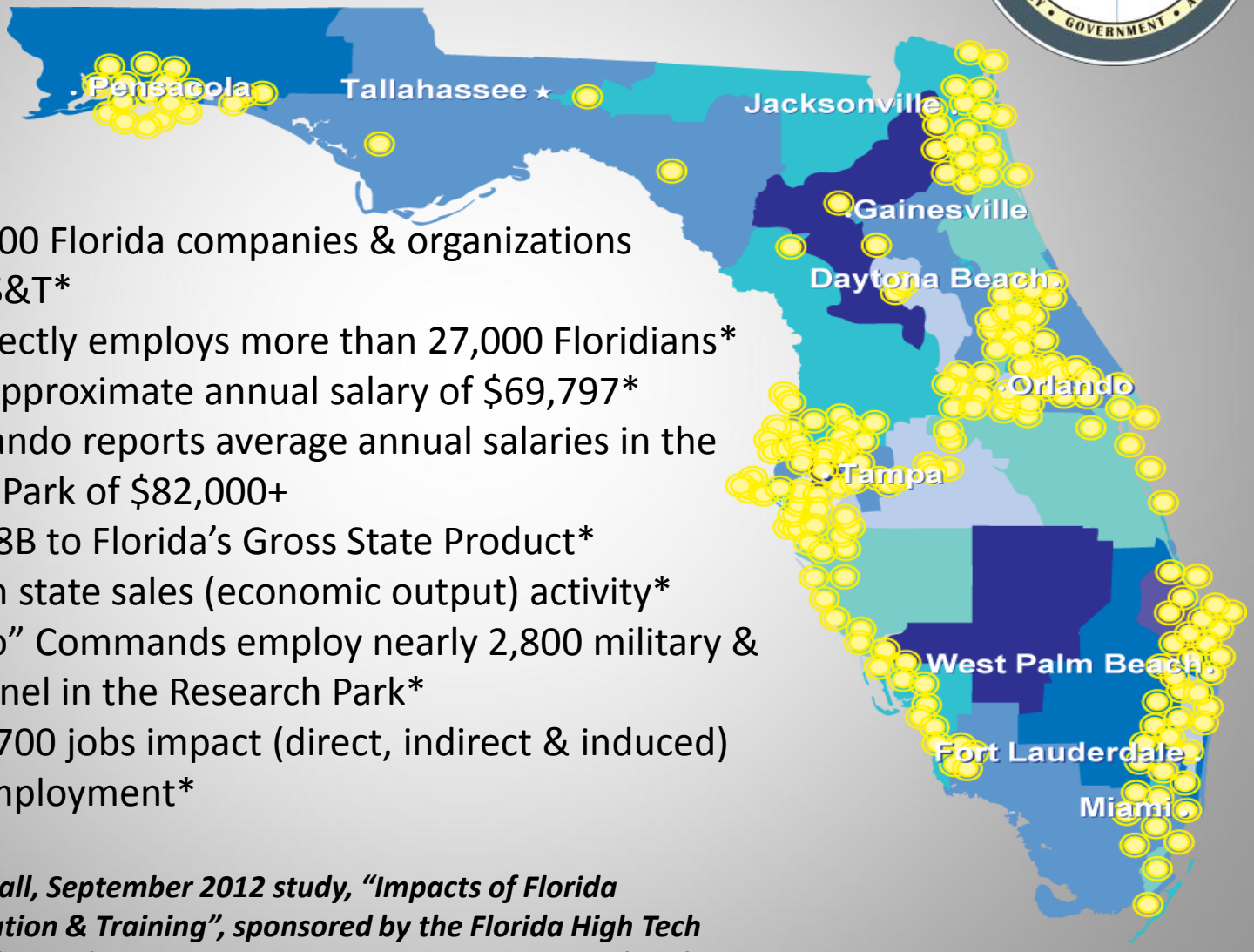
Additional City, County & State Support to Grow this MS&T Cluster

- **MS&T academic programs** have been integrated at all levels of Florida education
- **Cluster success has outgrown the original infrastructure.** And so the the State has funded construction of Partnership I, II, & III buildings (occupancy is 50% UCF & 50% DoD) to ease the shortfall
- After 9/11/01, the **State funded force protection measures** ($9.1M) to satisfy new mandatory DoD requirements
- UCF has developed a **network of incubators** to nurture start-up MS&T companies & other businesses
- M&S was named a national "Critical Technology" by the U.S. Congress (HR 487, July 16, 2007)

NSA Orlando

UNIVERSITY of CENTRAL FLORIDA Campus
Smith Building
Partnership II
Partnership I
Research Pavilion
Partnership III
Annex
De florez Building
Tech Point I
Tech Point II
Entry Control Point (ECP)
Pass / ID, Visitors Center
Research Commons
NSA Orlando Secured Boundary DoD
NSA Orlando Property Un-Secured
State / UCF Unsecured Boundary
Commercial Lease Unsecured Boundary

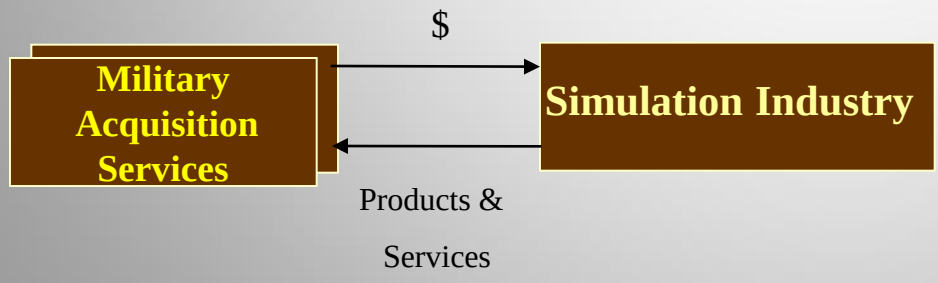
MS&T Economic Impact



- More than 1,000 Florida companies & organizations involved in MS&T*
  - Sector directly employs more than 27,000 Floridians*
  - Average approximate annual salary of $69,797*
  - Team Orlando reports average annual salaries in the Research Park of $82,000+
- More than $4.8B to Florida's Gross State Product*
- Nearly $8.0B in state sales (economic output) activity*
- "Team Orlando" Commands employ nearly 2,800 military & civilian personnel in the Research Park*
- More than 60,700 jobs impact (direct, indirect & induced) on Florida's employment*

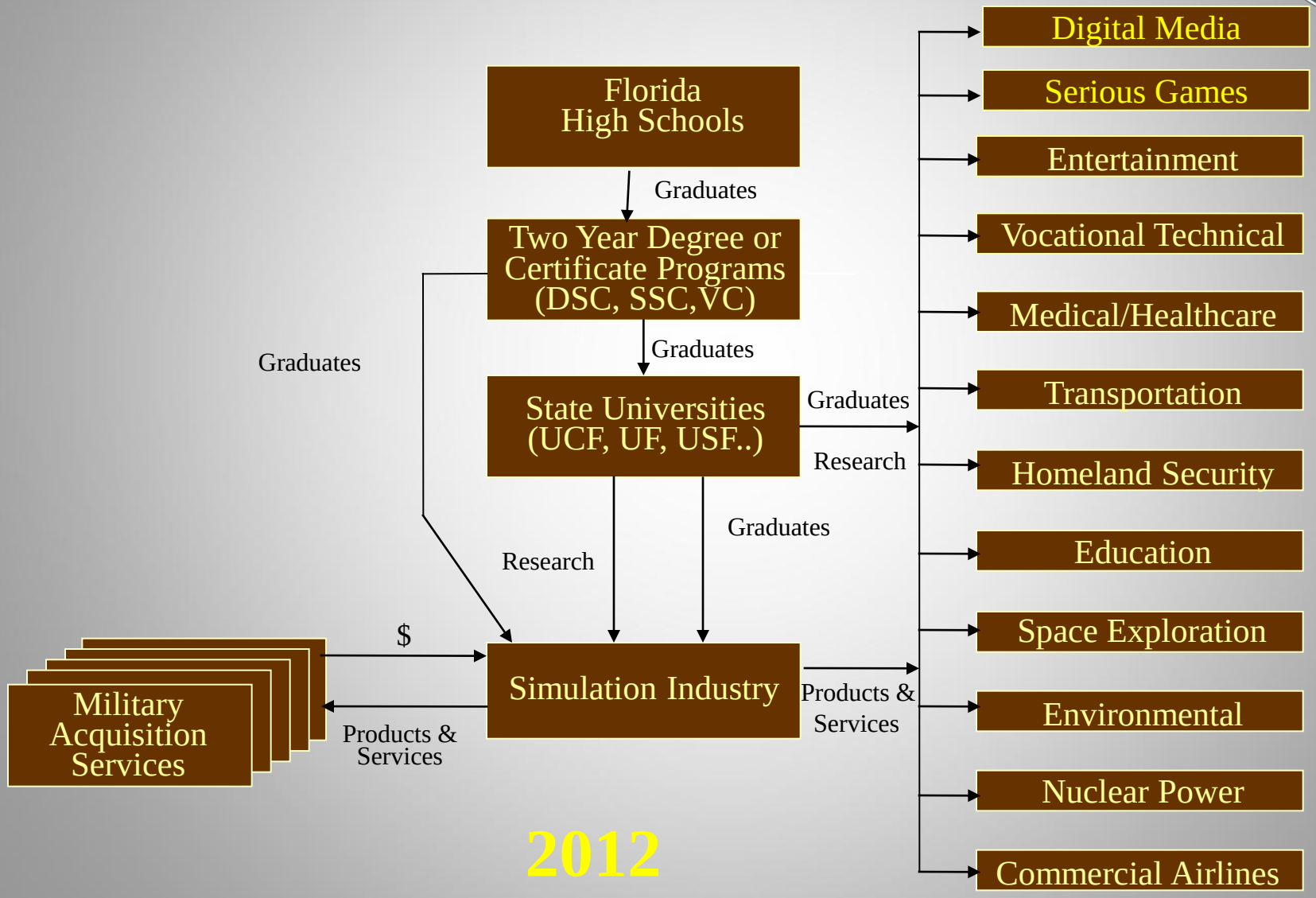
Source: Tucker/Hall, September 2012 study, "Impacts of Florida Modeling, Simulation & Training", sponsored by the Florida High Tech Corridor Council (FHTCC) for the National Center for Simulation (NCS)

Florida's Modeling, Simulation & Training Cluster Evolution



Circa 1965

Florida's Modeling, Simulation & Training Cluster Evolution



Summary

- **MS&T technologies** provide critical support to America's warfighter & save lives!
- **Orlando is the epicenter** of the MS&T Industry worldwide!
- **Academia, industry & smart government** continue to provide critical support this vibrant high tech cluster
- **Collocation** of Team Orlando Commands/Organizations fosters **collaboration & cooperation** found no where else!
- This Industry cluster has grown to become a **strategic national resource**!