



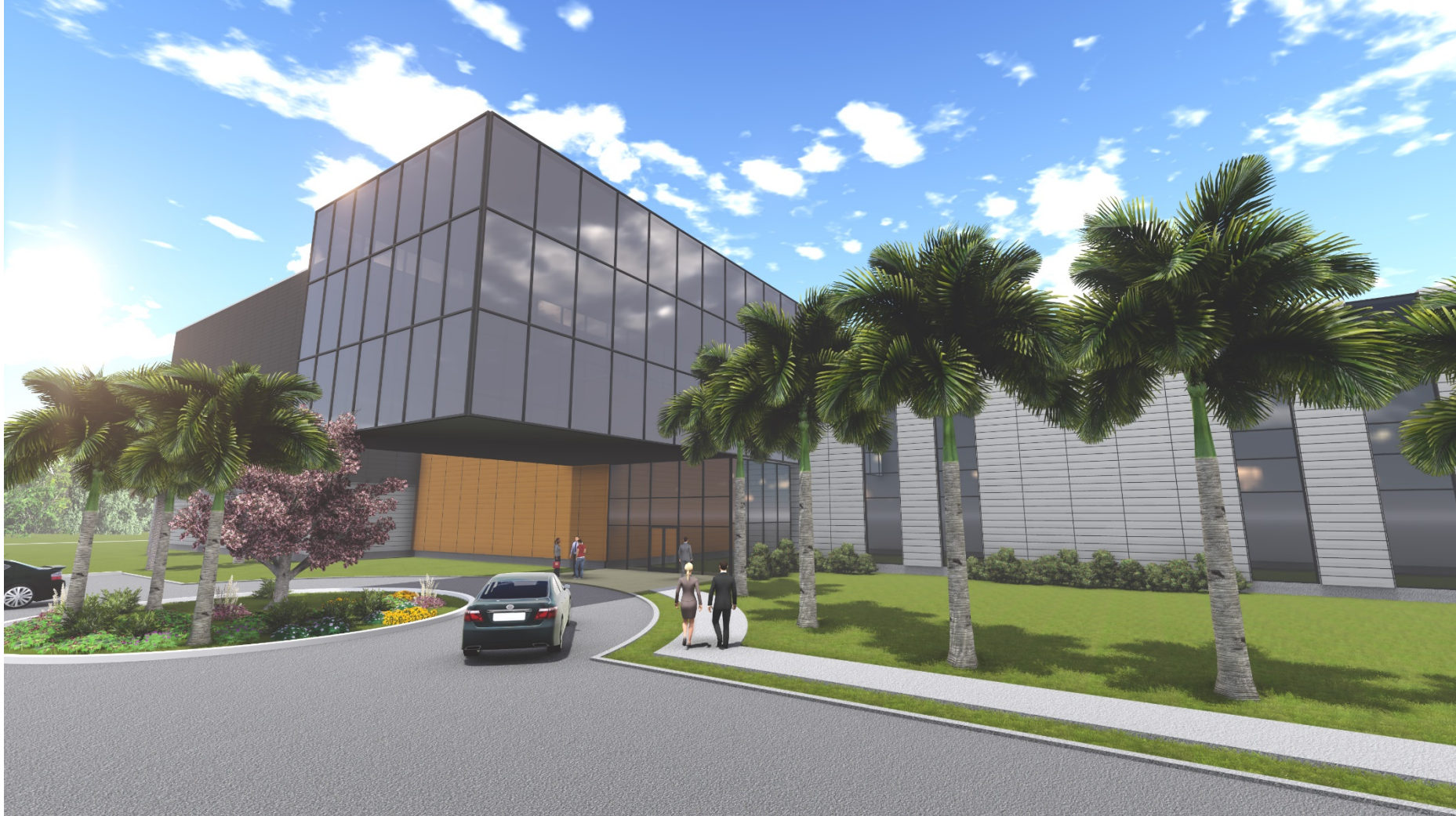
BOARD *of* GOVERNORS

State University System of Florida

University of South Florida System
Cybersecurity and Data Center



USF Cybersecurity/Data Center





USF Cybersecurity/Data Center - \$ 37M

Return on Investment: Data Center

➤ ***Mitigate risks by co-location of a data center with cybersecurity***

- ✓ End of life mechanical and electrical infrastructure – Cost to replace: \$2,025,000
- ✓ Single point of failure electrical path – Cost to mitigate: \$125,000
- ✓ Risk associated with shared tenant facility – Security, accidental exposure
- ✓ Current building housing the data center does not have full fire suppression protection

➤ ***Create efficiencies through shared personnel, mechanical, and electrical infrastructure.***

- ✓ FTE savings - \$125,000/yr.
- ✓ Facilities and Utility savings - \$145,000/yr.
- ✓ USF already warehouses data for several other SUS institutions. Modernizing this shared resource is a benefit to the entire SUS.



USF Cybersecurity/Data Center - \$ 37M

Return on Investment: Data Center

- ***Allow for expansion of non-cyber research and academic computing***, currently capped by power and cooling capacity.
- ***Additional space for hands-on data center training programs*** and reclaim of 4,000 ft² of space occupied by existing data center that can be converted to two classrooms.



USF Cybersecurity/Data Center - \$ 37M

Return on Investment: Secure Compartmented Information Facility (SCIF)

- **Create a cyber workforce** by providing hands-on and specialized training and creating more programs under “Cyber Academy” to provide customized training to meet niche industry demands
- **Perform classified and SCIF-required research.** Without a SCIF we will not receive classified research contracts, losing out on the potential to receive hundreds of millions of research dollars. This is especially important given the proximity to US CENTCOM and SOCOM at MacDill Air Force Base. The SUS should not miss out on the opportunities afforded by this critical partnership.
- **The SCIF facility can be shared by all 12 institutions,** precluding the need to fund and build a SCIF at each of the 12 SUS institutions, and facilitating the attraction of post docs, research scholars and cybersecurity specialists across Florida.



USF Cybersecurity/Data Center - \$ 37M

Return on Investment : SCIF

- ***Conducive environment to consolidate threat intelligence for analysis and dissemination*** thereby creating cybersecurity jobs.
- ***Attract more industry research dollars***, as industry will look favorably to work with academia for applied research.
- ***Enhance, replicate and sustain the very successful veteran's training program (NSNF)*** to enhance veteran's reintegration back into the workforce.



USF Cybersecurity/Data Center - \$ 37M

Space:

Net Assignable Square Feet	25,905
Gross Square Feet	38,500

Budget:

Construction Cost	\$25,758,578
Total Project Cost:	\$36,934,563

Schedule:

Building Program Completed	January 2017
Advertise for Design Contract	May 2017
Advertise CM Construction Contract	October 2017
Construction GMP	May 2018
Purchase Furniture/Equipment	March 2019
Substantial Completion	May 2019
Occupancy	July 2019



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