

# NEXYS

## NEXT GENERATION ELECTRONIC SYSTEM DESIGN

A National Science Foundation Industry/University  
Cooperative Research Center

### What is Nexys?

Nexys provides a formal framework that allows a seamless communication channel between academic and industrial institutions to enable innovation in semiconductor devices, design flows, and resulting systems. Our center members are leaders in the development of **cross-layer solutions and methodologies for creating electronic systems** particularly at the **highest levels of abstraction** where designs and systems are typically specified.

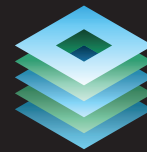
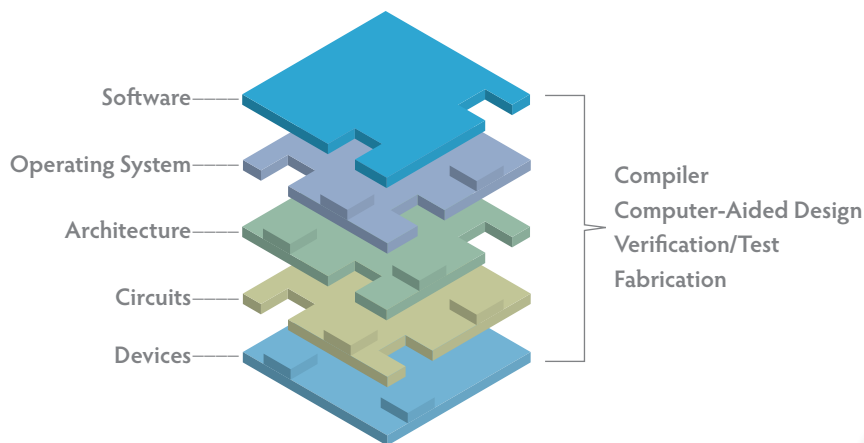
### Solid Record of Achievements

- More than 50 alumni at semiconductor companies in the past five years
- Award-winning, industry-relevant research
- Technology-transfer via licensing, patenting, start-ups
- More than a thousand students trained through our joint SoC Certification program

**Join Nexys as an industrial member** and enjoy **exclusive access** to industry-relevant research, top graduate students, and a fast technology-transfer channel.

I/UCRCs have paved the way to a new era of partnership between universities and industry, featuring high-quality, industrially relevant fundamental research, strong industrial support of and collaboration in research and education, and direct transfer of university developed ideas, research results, and technology to U.S. industry.

### Key Areas of Expertise



nexys

### Nexys Leadership

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A Carnegie Mellon University, Pennsylvania State  
University, and University of Pittsburgh Partnership



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[www.nexyscenter.org](http://www.nexyscenter.org)