



The **Connecticut Cybersecurity Center (C3)** at the **University of Connecticut** has been designated as an NSA/DHS National Center of Academic Excellence in Cyber Defense Research since 2010. C3 is an applied research center that investigates, develops, promotes, and nurtures the best hardware and software-based security practices for indispensable defense and commercial (e.g., insurance, telecommunications) application domains. C3 is comprised of four niche cybersecurity centers: Center for Voting Technology Research (VoTeR), Center for Hardware and Embedded Systems Security and Trust (CHEST), Comcast Center for Security Innovation (CSI), and Synchrony Financial Center of Excellence in Cybersecurity.

The VoTeR Center is chartered to advise the State of Connecticut in the use of electronic election technologies, to investigate voting solutions and

voting equipment, and to develop and recommend safe use procedures for electronic systems used in the electoral process. CHEST, as a center, is focused on vulnerabilities and threats revolving around hardware abstractions, such as hardware counterfeits, Trojan detection, backdoors, hardware tampering, hardware vulnerability analysis, side-channel attacks (and resilience), and hardware quality and reliability.

The CSI and Synchrony centers, while spanning the breadth of hardware, software, and network cybersecurity research, is narrowly focused on the research challenges of Comcast Corp. and Synchrony Financial respectively. In addition to these centers, C3 also entertains cybersecurity issues materializing in encompassing domains such as mobile computing, medical systems, or web-based services and applications. C3 is home to 12 faculty, over 50 graduate and undergraduate students, and over \$4M in active research grants from industry and federal funding agencies.

DESIGNATIONS

- CAE – Cyber Defense Research

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