



Palmetto Cyber Defense Competition 2025

Enterprise Meeting #6

Thursday, 20 March 2025



12th Year!



Title Sponsor



Scott Bell PCDC Director
Naval Information Warfare Center Atlantic (NIWC Atlantic)
Cyber Warfare Capabilities IPT Lead

For PCDC Planning Purposes Only

PCDC 2025

(presentation best viewed from slide show)






PCDC XII is scheduled
for
12-14 April 2025



PCDC Goals



NIWC Atlantic, the Navy's East Coast Engineering Center, in collaboration with the South Carolina Lowcountry Chapter of the Armed Forces Communications Electronics Association (AFCEA) facilitates a cyber defense competition each spring. The goals are to:

-  Energize high schools, colleges, and their students to focus on the development of technical skills in the area of networking and cyber security that will help in preparation for exciting careers in Science, Technology, Engineering, and Mathematics (STEM).
-  Workforce Development: NIWC Atlantic and our corporate partners collaborate and mentor in the areas of Red Teaming, Computer Network Defense, Cybersecurity & Network Development
-  Recruitment: NIWC Atlantic and our corporate partners have been able to hire some of South Carolina's best and brightest new professionals through PCDC

PCDC 2025 Approach

Intent: With the success of last year's venue setup and open game center approach we are looking at a very similar layout this year. We are once again poised to work with Amazon to deliver a cloud-based competition. We look forward to another successful year at Trident Technical College.





PCDC 2025 3 Days, Invitation Only



▼ High Schools (Saturday)

- Qualifying: Top 3 from previous year or top 6 in state in CyberPatriot, plus top ROTC team
- Mentoring on Cybersecurity, Networking, Operating Systems, Risk Mitigation, etc provided by teams of SSC Atlantic and corporate mentors working together
- Continuing to increase training resources available to schools/mentors
- 90 minutes to secure network before hackers attack



▼ Colleges (Sunday)

- Qualifying: Top 3 from previous year or top 7 from SECCDC, reserve one slot for host and one external to South Carolina
- Q&A sessions provided
- 30 minutes to secure network before hackers attack



▼ Pro Day (Monday)











- Mixture of DoD and industry partner teams (\$5K Diamond Sponsor)
- Q&A sessions provided
- 15 minutes before hackers attack
- Two college students embedded on each team – has resulted in multiple hires



The 12th Annual PCDC is scheduled for 12-14 April 2025

High Schools

10 Schools Committed!











-  AAST
-  Academic Magnet
-  Aiken Scholars Academy
-  Ashley Ridge
-  Cane Bay
-  Clover
-  CTE Innovation Center
-  East Cooper
-  HS STEM
-  Military Magnet



Colleges



10 Schools Committed; 1 Observe only

-  Clemson
-  USC
-  TTC
-  CSU
-  ECPI
-  UNCW
-  HGTC
-  Naval Academy
-  CofC
-  The Citadel

 Coastal Carolina - Observers





Professional



 Pro Day Commitments confirmed:

 SRC

 BAE Systems

 Dominion Energy

 US Cyber Co-Ed

 US Cyber Women's

 SC National Guard (2 Teams)

 Navy Reserve Cyber East





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THANK YOU




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2025 Competing Colleges

Team name	School	
JohnPwnJones	United States Naval Academy	
H0pp3rsR0pp3rs	United States Naval Academy	
Fork Bomb	ECPI	
USC Cyber	University of South Carolina	
CitCyber	The Citadel	
The Hack that Smiles Back	Clemson	
HGTC Team 1	Horry-Georgetown Technical College	
HGTC Team 2	Horry-Georgetown Technical College	
DeepStatt	Trident Technical College	
Voorhees CyberCatz	Voorhees College	

Directors Update

1. Finalize Prep Guide
2. Draft Brochure and Agenda and get printed
3. Blue Team Packet
4. Final Emails to teams letting them know when to show up. Basic rules, etc. Include HackWarz
5. Pick up plaques and trophies: Get plaques order in (generic, sponsor & others).
6. Signage for competition (get over to Wendy): Sponsors, competitors (individual & groups [per day])
7. Snack run (10 or 11 April)
8. Build scenario boxes
9. Collect PowerPoint slides from sponsors
10. Build scrolling display
11. Get badging info to AFCEA by 4 April, preferably sooner. This includes all members of each staff team (Red, white, orange, gold, staff, judges, blue mentors, etc) that will be at the event
12. Arrange for truck or van for 11 April
13. Rent bicycle racks?
14. Arrange for sponsor booths (Karen?)
15. Arrange for procurement and install of cabling
16. Send final Email to keynote speakers with agenda, speaking points and when to arrive, how long they have to speak, etc.
17. Arrange for Chick-Fil-A on Monday
18. Finalize and test injects
19. Finalize emcee agenda (minute-to-minute) for each day



TEAM UPDATES



Red Team

Good progress on:

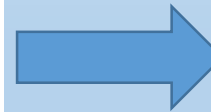
- *Indications of Compromise Station*
- *King of the Hill Battle*



TEAM UPDATES

White Team Judges

- *Still consolidating final volunteer list*
- *White Team to conduct Bread Board resets at the end of each competition day*
 - *Need some OJT*



TEAM UPDATES

Blue Team

- *Scenario posted to the website, prep guide, and kickoff brief*



TEAM UPDATES

Gold Team

- Laptops received from AdaptForward
 - Thank you!
- Still looking for a game day Scoring Eng Admin/Operator

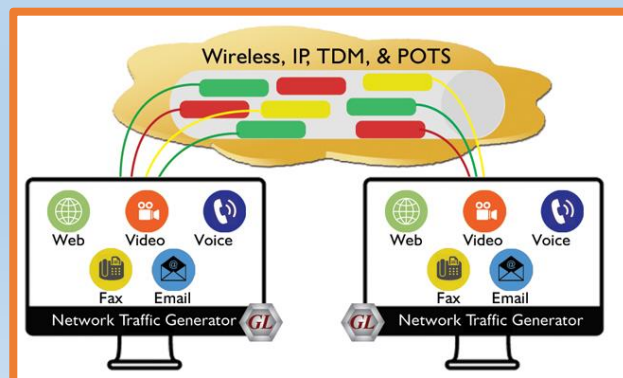


TEAM UPDATES



Orange Team

- Volunteer list looking good
- Need volunteer schedule for each day
- Working standard injects
- Need collaboration with Gold and Red Teams for specific injects



TEAM UPDATES

Judges

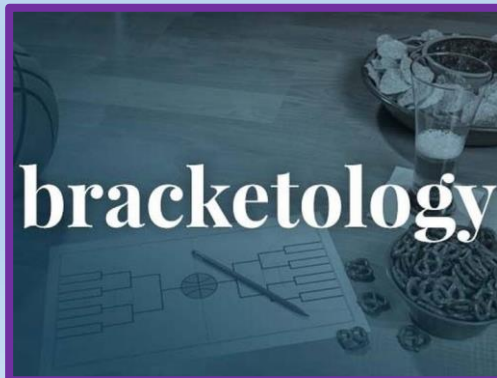
- Looking for a new Judge
- Interviewing candidates now



TEAM UPDATES

Collegiate Coordinator

- **Q&A Sessions complete – great job!**



TEAM UPDATES

AFCEA

- **Our AFCEA partners are busy assisting with purchase orders, invoices, etc.**
- **Corporate sponsors still needed!**



Cyber in the Middle

April 12th, 2024

Updates:

- CITM is open to the public this year. Sign up for students is: <https://forms.osi.apps.mil/r/VterbXgVVn>
- School Session Breakdown
 - Morning 45 students
 - Afternoon 45 students
- Have 41 kids signed up roughly 20 kids per session right now

- Got SWAG from Naval Stem
- TTC Bags – Confirmed with Frank Gibbs
- Need to confirm CITM walking path signs for day of
- Advertised for CITM through NIWC STEM and school/organizational outreaches
- Procuring charging cables, stress balls, and popper balls for CITM swag
- Made new CITM Logo + Flyer

Returning to Saturday PCDC Event!

TEAM UPDATES

Around the Table for Ad Hoc Updates





Important Links



▼ PCDC Website: pcdc-sc.com

▼ PCDC Facebook: <https://www.facebook.com/PalmettoCyberDefenseCompetition>

▼ PCDC Twitter: <https://twitter.com/PalmettoCyber>

▼ Cyber Patriot: <http://www.uscyberpatriot.org>

▼ AFCEA: <http://charleston.afceachapter.org/>

▼ #PCDC





PCDC 2025 Primary POCs

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Wrap Up

- ▼ Big Ideas?
- ▼ Innovations?
- ▼ Questions?

