



# Building and Molding Officers for the Realm of Cyberspace (EUMACS 2023)

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# CYBERSPACE - FEATURES



1. New dimension – nearly unlimited.
2. First and previous to confrontation.
3. No limits to access.
4. Human resources – main value.
5. Data – the objective.
6. No kinetics weapons.
7. Free access to Weapons.
8. Private and state actors
9. Asymmetric conflic.
10. Provide intelligence without detection.
11. Evolve faster than others.
12. No rules of engagement.



# CYBERSPACE MILITARY EDUCATION ISSUES



Cyber Attack Incidents with \$1M+ in Reported Losses



Extremely specific and specialised

Relationship industry-state

Few cyberspace military personnel

Excessively long training

Cyberspace military education

Very fast technical evolution

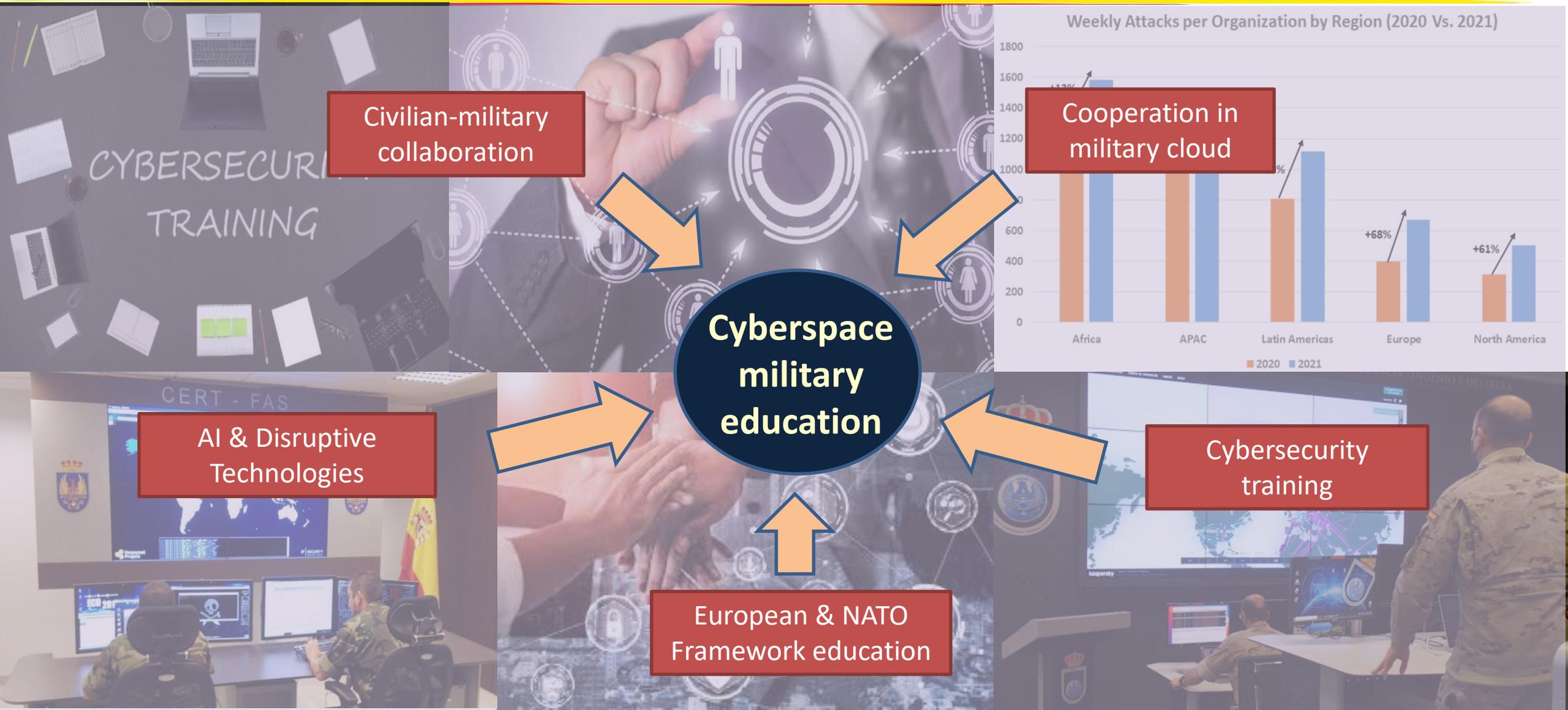
Industry job offers

Relationship civilian-military

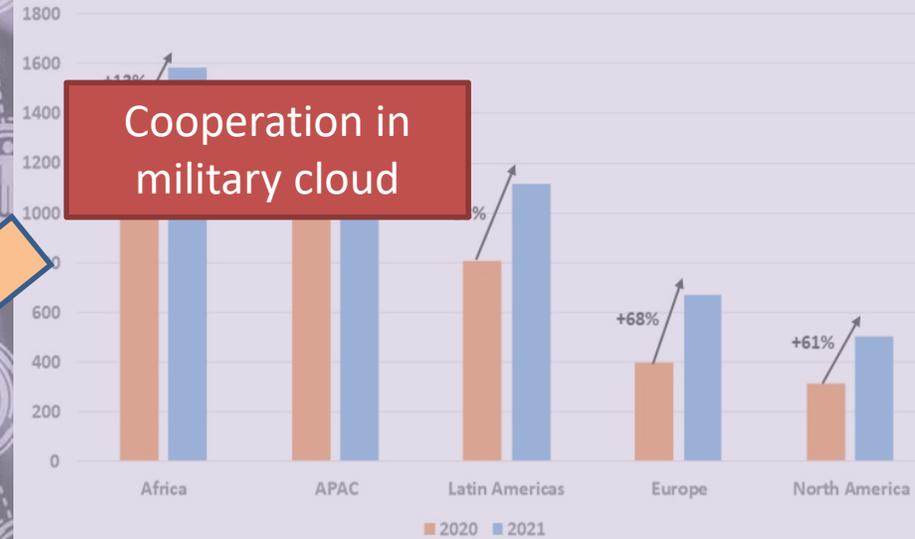
Joint or cyberspace army



# CYBERSPACE MILITARY EDUCATION AIMS



Weekly Attacks per Organization by Region (2020 Vs. 2021)





# CYBERSPACE MILITARY EDUCATION PROPOSALS



Civilian-military collaboration

That collaboration should be increased in order to work and fight together.

Cooperation in a military cloud

Probably the best way to work together in a secure environment

AI & Disruptive Technologies

Necessary to pay attention to the incoming technologies.

European & NATO Framework education

They are similar in principles and provide a common framework.

Cybersecurity training

Could be the first step for building a common education in cyberspace



# CYBERSPACE MILITARY EDUCATION EUMACS 2023



Thank you for  
your  
participation