

# Future Training Requirements

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TCM - Constructive Training Environment

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# Projected Training 'Gaps'

- 'C4ISR'
- 'Attack the Network'
- Homeland Defense
- Capacity Building
- Human Terrain
- Airspace Management
- Terrain Management
- Cyberspace (Electro-Magnetic Spectrum) Management
- All the 'INTs'



# Projected Training Simulation Needs

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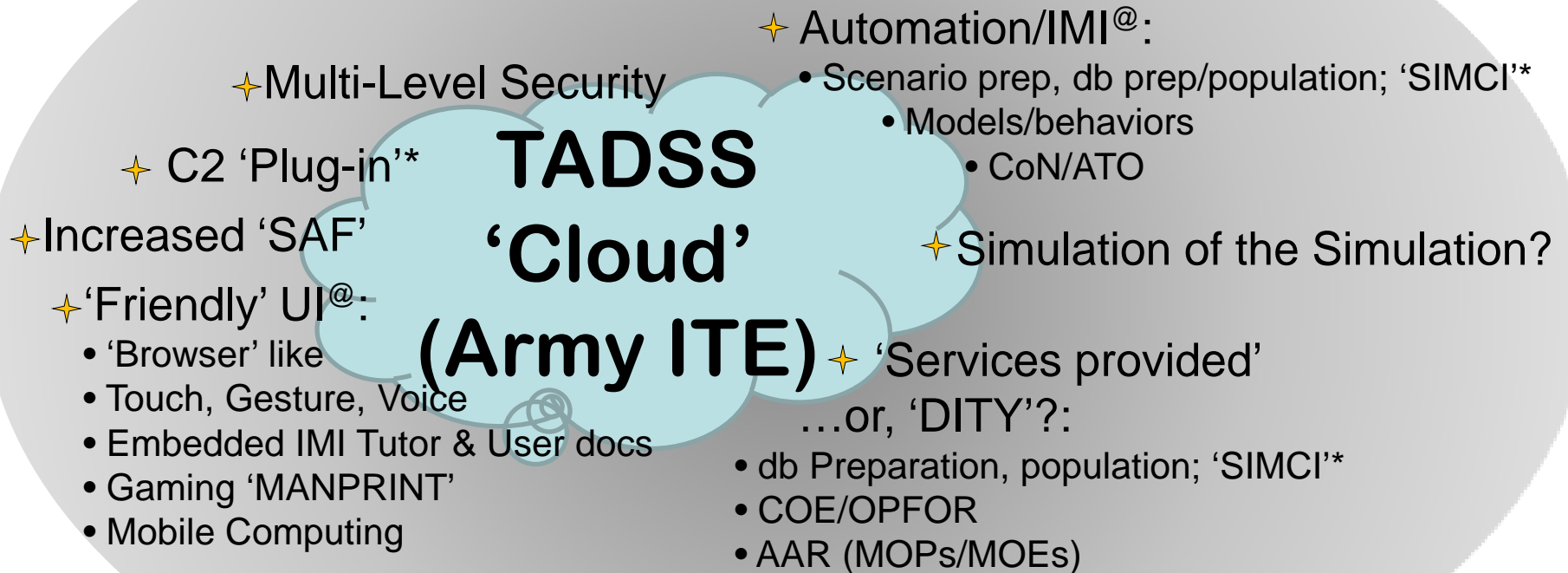
- Increased functionality:
  - Live-Virtual-Constructive-Gaming ~ Courseware?
  - FSO 'composability' and scalability (Spectrum of Conflict)
  - Space capabilities
  - Resolution/Fidelity:
    - Geo-specificity
    - Weather/'atmospherics'
    - Human Terrain
    - Time Manipulation
    - First Person 'immersion' (selected tasks)
  - 'Composability': management of detail and realism
  - Simulation/C2 interoperability
- Increased efficiency:
  - Smaller HW numbers and 'footprint'
  - Reduced staffing numbers and technical skills
  - Reduced exercise preparation and recovery time
  - Improved data transmission



# A Potential Future

*'Entry Argument: User-dictated parameters;*

*TA composition, TOs, scenario, etc.*



*Shortened acquisition time: Less DoD 'development';*

*given the requirement - 'shop', select, purchase, 'productize'*



# 'Glossary'

- AAR.....After Action Review
- C2.....Command and Control (systems)
- COE/OPFOR.....Contemporary Operational Environment/Opposing Force(s)
- CoN/ATO.....Certificate of Networthiness/Approval To Operate
- DITY.....Do It Yourself
- DoD.....Department of Defense
- FSO.....Full Spectrum Operations
- HW.....Hardware
- IMI.....Interactive Multimedia Instruction
- MOPs/MOEs.....Measures of Performance/Measures of Effectiveness
- SIMCI.....Simulation to C2 Interoperability
- UI.....User Interface

