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Information Warfare Force and Systems Readiness Assessment

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INFORMATION WARFARE FORCE AND SYSTEMS READINESS ASSESSMENT

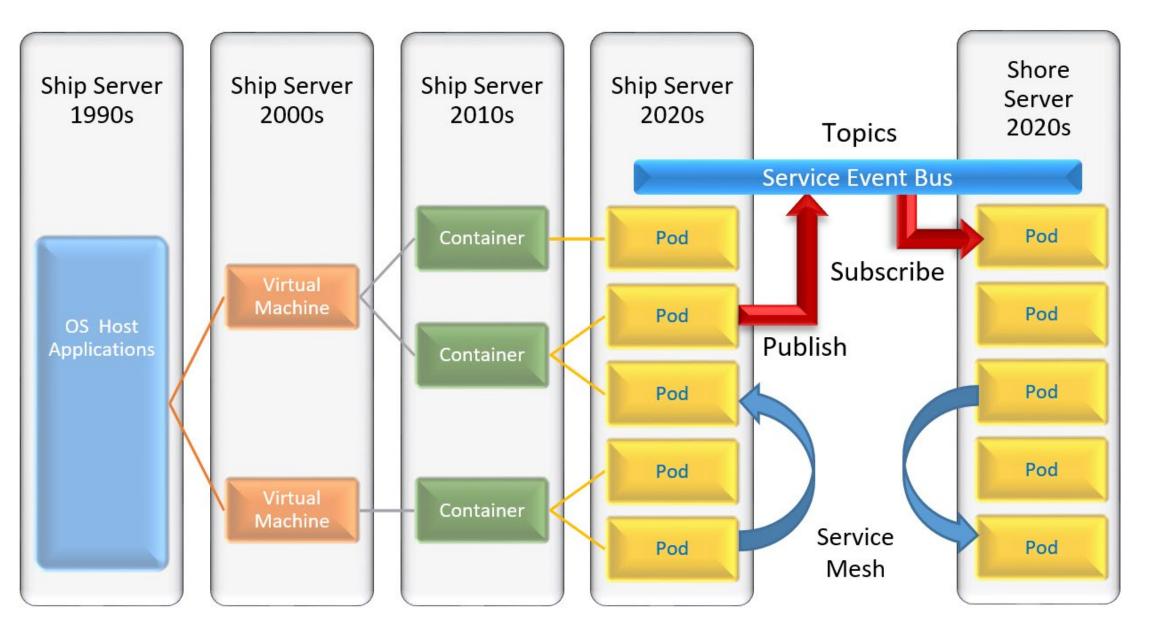


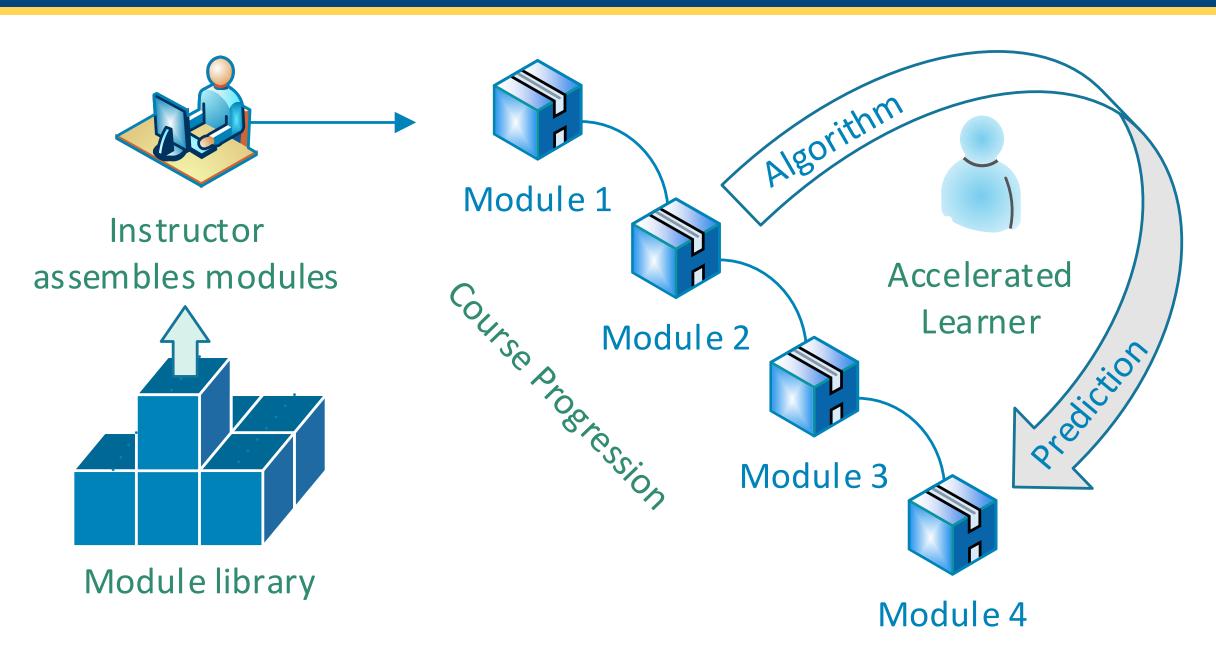
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Project Summary

The education, skills and experience required for Information Warfare (IW) warfighters have not been fully identified nor have training programs been evaluated for their capability to support IW force and systems readiness.

This project evaluated Cryptologic Technician -Collection (CTR) and Cryptologic Technician -Technical (CTT) curricula and supporting directives and guidance to help structure a process for IW systems and warfighter readiness assessment.





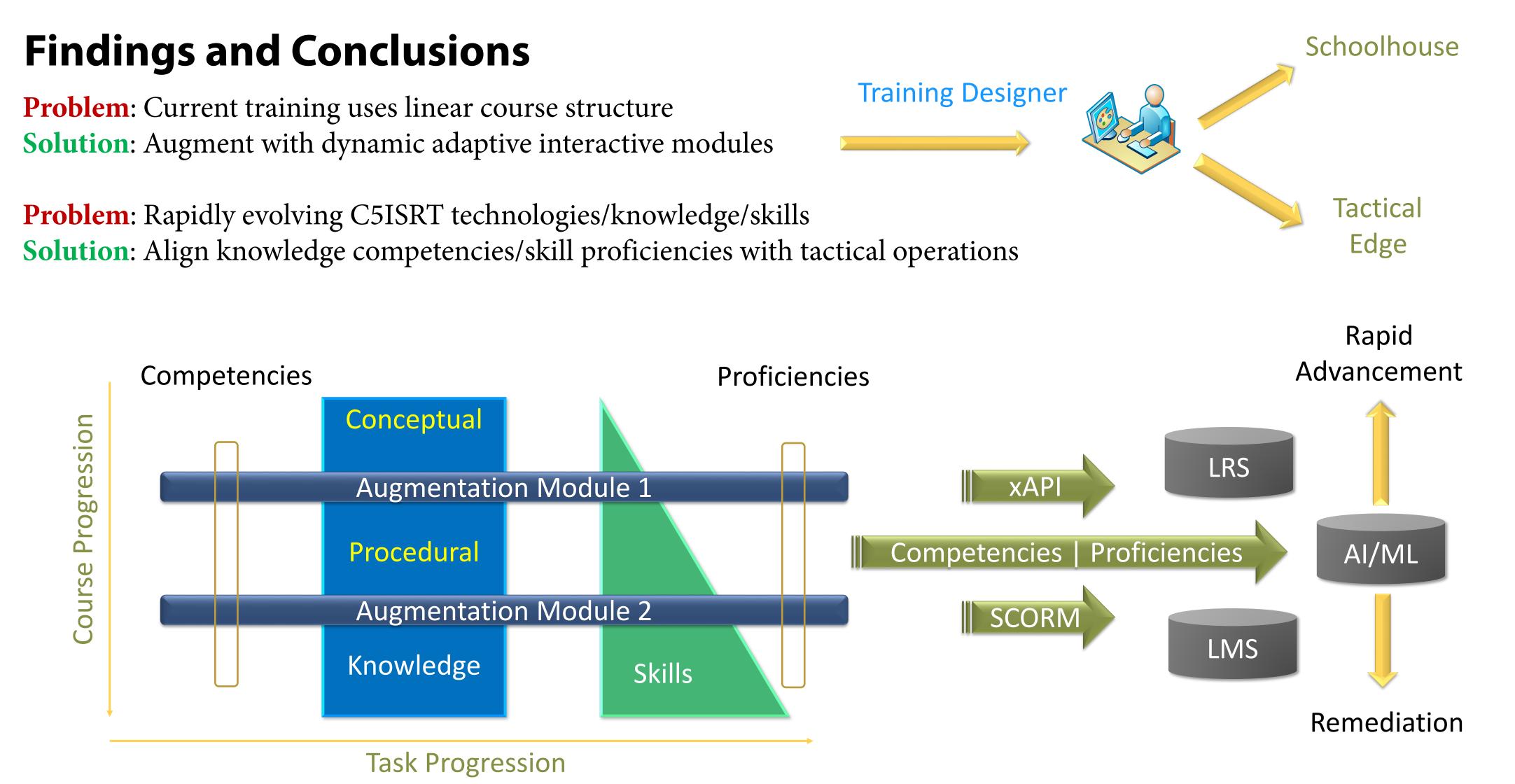
AI/ML algorithm-assisted point-of-need adaptive training

Research Objectives

Assess IW requirements and training objectives for CTR and CTT systems and operations

Evolution to training micro-service mesh for adaptive tactical training

- Structure CTR/CTT courses and training objectives into frameworks for IW force and systems evaluation
- Align metrics for knowledge and skills as the basis for redundancy reduction and gap identification
- Evaluate training delivery, assessment, and AI/ML techniques for adaptive training and decision support



Integrated schoolhouse/tactical training design workflow

Future Work

- Implement content design and assessment guidance for competencies, knowledge, skills, abilities, experience
- Address identified gaps and institute proficiencies to track technology adoption, implementation, training



Researcher: Dr. Randy Maule, Information Sciences Department **Topic Sponsors**: Commander, Naval Information Forces

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