



DARACK RESEARCH

DARACK RESEARCH DEVELOPMENTAL METHODOLOGY

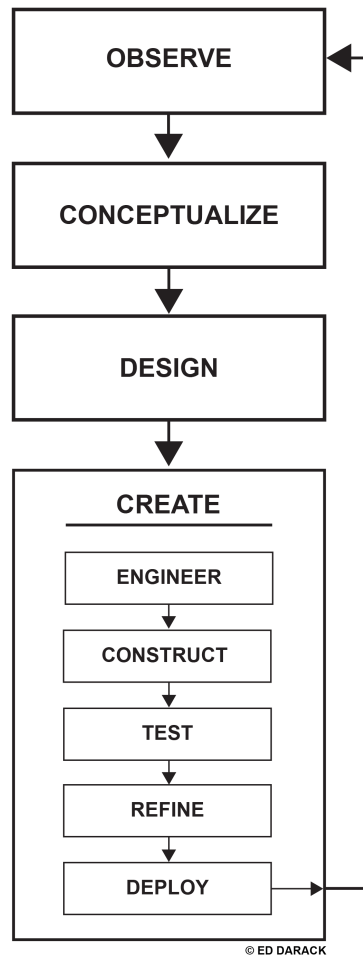
19 AUGUST 2020

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Darack Research has innovated a set of constructs to best engender truly next-generation capabilities for warfighting effects, end states, and evolution.

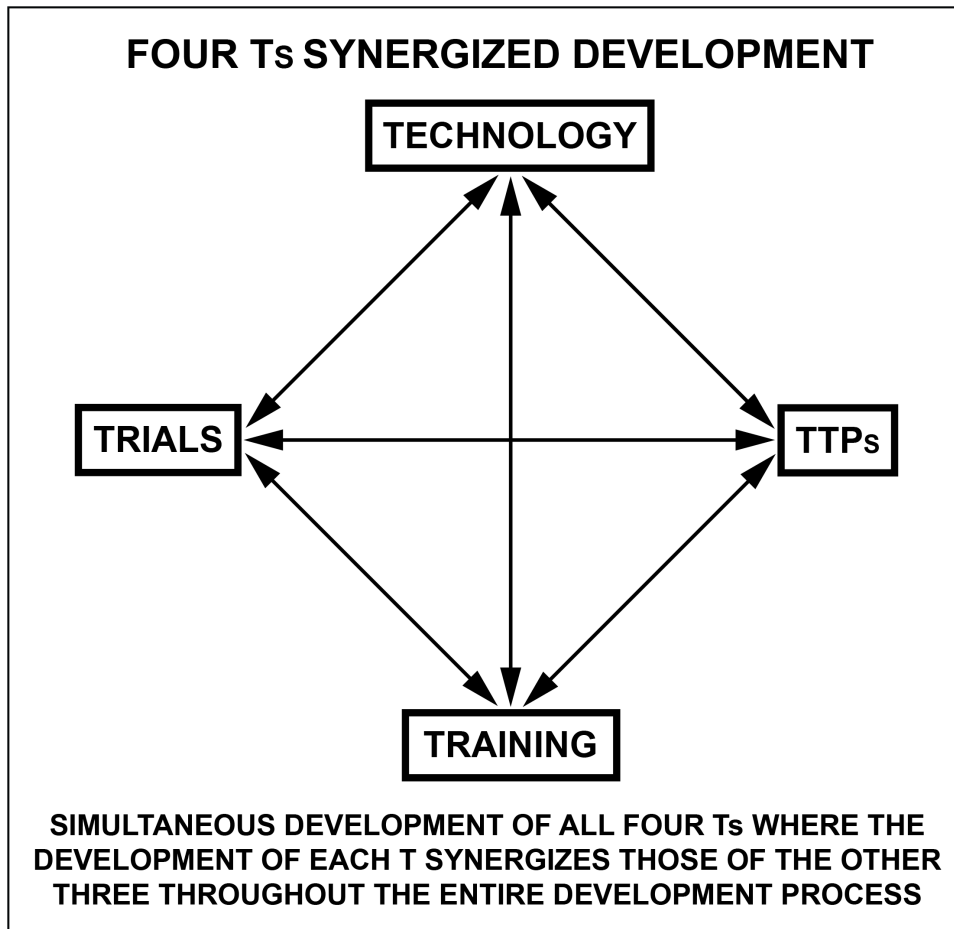
DARACK RESEARCH OCDC LOOP OF SYSTEM DEVELOPMENT



The OCDC Loop.

All Darack Research systems are developed out of careful, detailed observation of warfighters during training and in actual combat.

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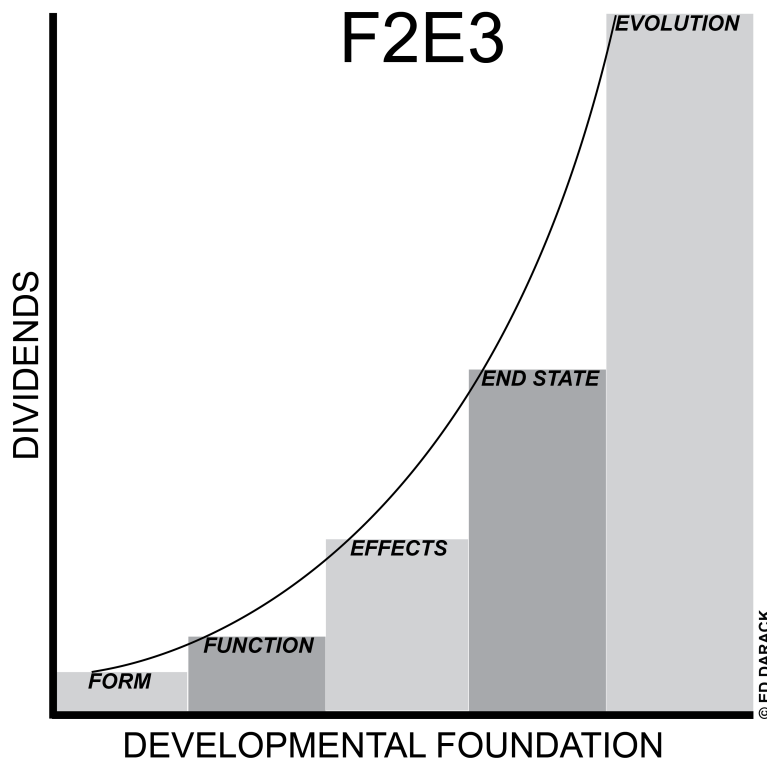


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The “Four Ts Synergized Development” construct

All four Ts influence each other in a synergistic architecture. Darack Research seeks to deliver to the warfighter not just technology, but TTPs, Trials (hypothetical scenarios, historical scenarios, and physical demonstrations), and training that embraces technology, TTPs, and Trials—all optimized. This is a unique approach, one developed from extensive time spent observing warfighters during training and in combat, as well as through extensive interviews of military practitioners. This delivers effects at the tactical level, end state at the operational level, and overall evolution.

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F2E3 – Form, Function, Effects, End State, Evolution

The F2E3 analysis is one that emerged after years of observation of military training exercises and combat and then undertaking development of systems. This is a construct that is a foundational architecture at Darack Research. Beginning a development based on form alone pays virtually no dividends. Developing based on features, which predicates form, provides slightly more to the warfighter, but not much without understanding just what features the warfighter needs, and in various scenarios. Developing based on effects is a tactical outlook: “How do we help the warfighter realize a desired battlespace effect with minimum tactical signature?” Beginning a development cycle that is founded with an effects mindset pays off orders of magnitude greater dividends to the warfighter than function, which it predicates. Developing based on end state is an operational outlook: “How

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does this system, or do these systems, engender greater operational efficacy while optimizing operational and tactical signature?” Beginning a development cycle that is founded with an end state mindset pays off orders of magnitude greater dividends to the warfighter than one rooted in effects, which it predicates. Developing based on an evolution foundation looks at needs of the warfighter not only with regards to evolving threats, but where a service, or the Joint Force, looks to be in the future, and predicates end state.

Thank you for your interest. All of the above constructs are utilized in an ongoing continuum during developmental processes at Darack Research.

CONTACT INFORMATION:

Thank you very much for your interest in Darack Research capabilities.

Please contact us for more information.

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