



U.S. Department of Defense Sought Agile Software Development Partner



CHALLENGE:

In order to address persistent issues of cost overruns and delays in fielding IT-related technologies to the warfighter, the Department of Defense (DoD) determined that adopting Agile software development was one way to help streamline the delivery of usable capabilities. Agile software development provided a framework to produce usable technology in a constantly changing environment. As such, the Navy adopted Agile methodology and is applying its principles to support several critical programs of record.

SOLUTION:

In 2017, multiple programs within NAVAIR began the process of migrating software development from the waterfall model to Agile software development. Learning Tree has provided Agile training to over 300 NAVAIR staff from 2017 to 2019. Much of this training has been provided to NAWCWD and NAWCAD where RDAT&E (Research, Development, Acquisition, Testing, and Evaluation) is performed. These organizations support the Navy's most important airplane platforms, including the F16, F35 and F22 fighter jets.

300+

**NAVAIR STAFF TRAINED IN AGILE BY
LEARNING TREE FROM 2017-2019**

The F16 was the pilot program for the migration to Agile software development. Initially contracted as a waterfall project, it was transitioned mid-program to Agile. Based on the success achieved with the F16, the F35 and F22 programs have begun the implementation of Agile for ongoing software maintenance and development efforts.

As Agile becomes the standard software development process for a growing number of Agile teams, the application of the Scaled Agile Framework (SAFe) is being incorporated for the collaboration and alignment between those groups. Learning Tree's growing SAFe practice has partnered with NAVAIR to support the training requirements as they adopt this framework.

Learning Tree partners with NAVAIR and their contractors to provide a consistent baseline of Agile training and application adoption. The feedback from the NAVAIR staff is consistently outstanding and their input furthers the refinement of curriculum used to provide training to next-generation staff who will go through the training process.