

PEAR Objective 3.2 (E/HS Submission)

(UUR) Transformative software platform for aviation security. NTESS and its aviation security industry partners developed the Open Threat Assessment Platform (OTAP), an open-architecture platform project that provides a common set of software interfaces and data standards, for Transportation Security Administration airport screening. OTAP was developed as part of the Department of Homeland Security's "Screening at Speed" program, which includes NTESS and Pacific Northwest National Laboratory as collaborators. OTAP produced capabilities enable rapid technology updates and allow for integration of third-party algorithms that detect threats such as explosives and prohibited items. The OTAP capabilities will allow officials to respond more quickly and easily to rapidly changing threats to air travel security.