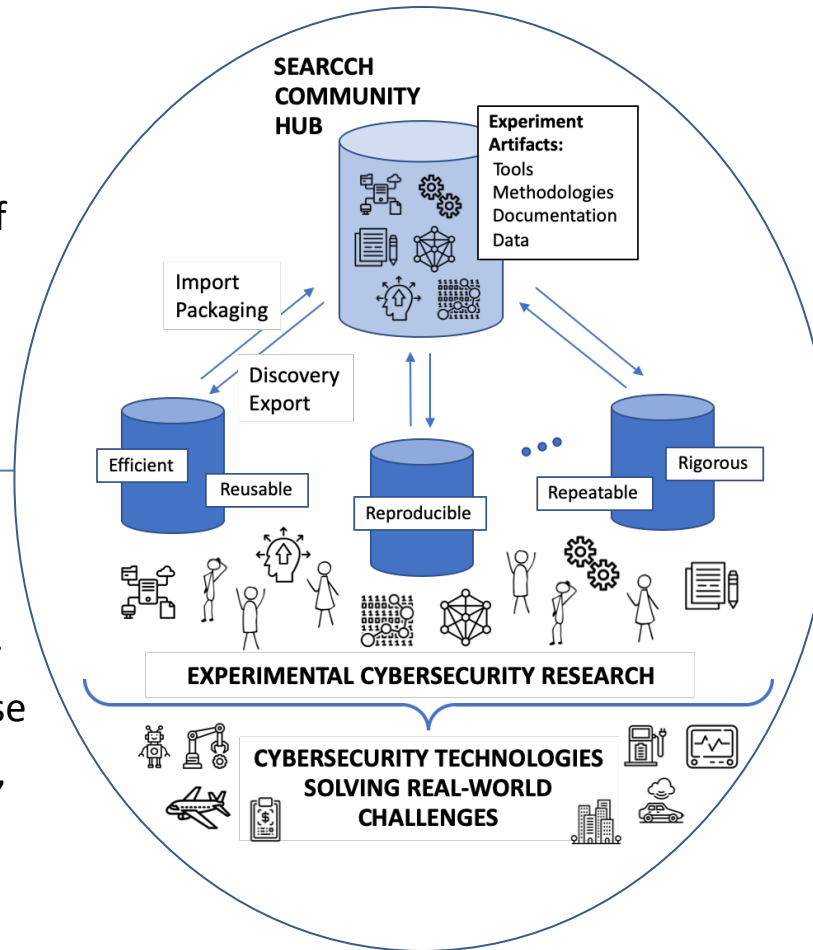# Sharing Expertise and Artifacts for Reuse through Cybersecurity Community Hub (SEARCCH)

Challenge:

Ad hoc cybersecurity experimentation, lack of repeatable, reproducible, and reusable experiment artifacts

Solution:

Establish collaborative community platform for artifact sharing and reuse

Tools for artifact import, packaging, discovery, export, and design

Scientific Impact:

Advance the knowledge, understanding, rigor, and practice of experimental cybersecurity research across CISE disciplines

Broader Impact:

Enable new cybersecurity research and innovation

Lower the barrier to underrepresented communities

Seven metrics increasing over three years – contribution, adoption, publication, results