

## Solution Readiness Levels for Innovation Progression

The Solution Readiness Levels (SRL) definitions are identified below:

**SRL 1: Identification**—basic principles and/or properties are observed.

**SRL 2: Definition**—practical applications and/or concepts are formulated.

**SRL 3: Observation and Analysis**—analytical and/or laboratory research and/or experiments are undertaken.

**SRL 4: Proof of Concept**—basic integration of applications and/or concepts to demonstrate viability.

**SRL 5: Validation**—refined integration of applications and/or concepts to confirm validity.

**SRL 6: Simulated Demonstration**—near-end state solution is demonstrated and tested in a simulated environment.

**SRL 7: Real-World Demonstration**—near-end state solution is demonstrated and tested in an appropriate real-world environment.

**SRL 8: Qualified Solution**—end state solution is completed and refined through testing.

**SRL 9: Proven Solution**—final solution is implemented and proven successful.

### SOLUTION READINESS LEVEL (SRL)

