

# Crucible

[Go to General Topics](#)

## Objective

**Crucible** provides a controlled, reproducible, and portable approach for constructing, hardening, assessing, transferring, deploying, and maintaining software and [Infrastructure Environments](#).

Crucible combines [Declarative Descriptions](#), composable [Baselines](#), [Machine Images](#), [Infrastructure as Code \(IaC\)](#), [Dependency Capture](#), and [Compliance Evidence](#) to support [Accredited Software Factory](#) objectives across [Connected Environments](#), [Disconnected Environments](#), and [Air-Gapped Environments](#).

The architecture separates provider-independent intent from provider-specific implementation, preserves [Traceability](#) and [Provenance](#) across lifecycle stages and transfer boundaries, and supports [Reproducibility](#) and [Portability](#) without dependence on a single cloud provider, infrastructure platform, or assessment tool.

- [Go to the Crucible Table of Contents](#)

## Contents

- [Table of Contents](#)
- [1. Introduction](#)
- [2. Operational Need and Mission](#)
- [3. Operational Environment](#)
- [4. Actors and Responsibilities](#)
- [5. Operational Concept](#)
- [6. Connected Operations](#)
- [7. Disconnected and Air-Gapped Operations](#)
- [8. Compliance Operations](#)
- [9. Crucible Interfaces](#)
- [Annexes](#)

---

© 2026 Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

From:  
<https://wiki.didosolutions.com/> - **Dido Solutions, Inc Wiki**

Permanent link:  
<https://wiki.didosolutions.com/dido/02-crucible/start>

Last update: **2026/08/01 04:51**



