

FR-IMG-002 — Build Container Images

[Go to Crucible Image Management Requirements](#)

Statement

[Crucible](#) SHALL build [Container Images](#).

Derived From

This requirement derives from:

- Crucible System Requirements Specification, Version 1.1 Draft, Functional Requirements, FR-IMG-002

The Original Requirement states:

The system shall build container images.[\[C1\]](#)

FR-IMG-002:

- Replaces **The system** with the defined system name [Crucible](#)
- Changes **shall** to the established uppercase normative form **SHALL**
- Links **Container Images** to the controlling definition

No other substantive normalization is required.

Rationale

A [Container Image](#) packages the files, software, configuration, and metadata required to instantiate a containerized workload.

Building Container Images enables Crucible to produce image [Artifacts](#) for use by separately governed verification, signing, promotion, publication, distribution, and deployment activities.

Applies To

This requirement applies to:

- [Crucible](#)
- [Container Images](#)
- Container Image build operations

Verification

Verification confirms that:

1. [Crucible](#) executes a Container Image build
2. The completed build produces a [Container Image](#)
3. The resulting Container Image can be identified as the output of the tested build

Referenced By

The following pages reference this requirement:

- [5.2 Construct Images](#)
- [6.1 Construct and Assess the Environment](#)
- [7.6 Rebuild and Deploy](#)
- [Annex D: Requirements Traceability](#)

Implementation Status

Implemented and Verified

Requirement Status

☐ Review and approve FR-IMG-002 as a leaf requirement.

Issues

☐ Determine whether separate requirements define the minimum required contents of a Container Image.

Notes for Editors

This requirement page retains the stable requirement identifier FR-IMG-002.

This page is a leaf requirement page and omits a trailing :start from its namespace.

The Statement preserves the approved source intent by requiring Crucible to build Container Images.

Do not add image composition, hardening, signing, verification, promotion, compliance assessment, publication, distribution, or deployment obligations to the Statement unless the controlling requirement changes through an approved requirements process.

To reference this requirement Statement from another wiki page, insert:

```
{{section>dido:02-crusible:99-annexes:annex-c-requirements:03-functional-requirements:03-02-image-management:fr-img-002#Statement&noheader&nofooter&noeditbtn}}
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