SILC Standard —Release R2026.01 Public

Release R2026.01

What It Is
SILC (Standardized Inter-Station Logistics Containers) is a standardized family of reusable logistics containers intended to transport and store cargo as a deterministic unit-load across future stations and transport providers. SILC complements soft stowage by providing a versioned baseline, repeatable handling states, and a consistent geometry for stowage planning and interoperability.

Value Proposition
Emerging stations and logistics providers face integration friction from bespoke packaging, unclear restraint and closure behaviors, and inconsistent labeling and traceability. SILC reduces this friction by standardizing container-level behavior and documentation hooks while allowing destination-specific tailoring for missions that have requirements that differ from SILC's baseline.

What's Included:
- Standardized container families (A0–A4) and a reference SKU philosophy
- Common handling states (LOCKED / SERVICE / OPEN)
- Labeling and machine-readable ID coupling to digital manifest
- Restraint logic and stowage rules (internal and external)
- Compliance approach: requirements → verification method → evidence type
- Reference SKU datasheets

What's Not Included
SILC does not define payload-internal design, destination-specific rack or locker interfaces, or station safety authority policy. Payload hazard closure evidence is packaged through a separate Acceptance Data Package (ADP).

How Customers May Use It
- Station operators: adopt or map SILC to station acceptance criteria for expedited documentation
- Integrators and transporters: plan deterministic stowage, handling, and evidence requirements
- Payload owners: select a pre-defined SKU rather than designing one-off packaging each mission

Engagement Model
Starport is developing SILC evaluation and tailoring profiles and intends to offer integration support via partners, subject to staffing and program needs.

How Everything Fits Together
SILC Standard defines the baseline: common terms, container states, identification, interface expectations, and what "conforming" means at the container level.
Acceptance Data Package (ADP) is the evidence bundle: a review-friendly package that maps requirements to verification results, hazard closures, and configuration records for a specific container build or mission lot.
Operations Playbook is the execution framework: repeatable gates, hold points, escalation, and closeout so integrations run consistently across partners.

STARPORT SPACE

Disclaimer (SILC Standard)
This document is provided for informational purposes only and does not constitute engineering advice, certification, or a guarantee of compatibility with any specific station, vehicle, carrier, or regulatory regime. “Conformance” or “compatibility” references in this document describe alignment with the SILC baseline as published and do not imply approval, safety certification, or acceptance by any third party. Specific dimensions are intentionally omitted in this public release. Implementers are responsible for independent verification, safety/hazard analysis, materials/EMI/outgassing compliance, and meeting all applicable contractual, regulatory, and export-control requirements. Starport Space may update this document through change control; users are responsible for ensuring they are using the intended release.

Public Release Position
This release establishes the initial public baseline for terminology, document structure, and container-level expectations. Destination- or partner-specific differences are handled via Tailoring Profiles that document deltas from the baseline. Changes are managed through documented change control to preserve backward compatibility and repeatable operations.

Public release note: This overview defines terminology and structure. Detailed templates, tailoring profiles, and execution checklists are available via briefing (and NDA when appropriate).

Request for comment (RFC)
We welcome feedback from station safety or integration teams and tug or OTV providers. If you would like any full documents, contact us with your role, destination(s), and timeframe

Release
R2026.01 (Initial Public Baseline). Normative terminology and document structure are considered stable. Additions and clarifications are introduced via documented change control to preserve backward compatibility.

STARPORT SPACE