

FSIPS Architecture — Standards and Conventions

Version: v0.1

1. Purpose

This document defines standards, conventions, and architectural constraints that govern FSIPS-related design and implementation decisions.

Its role is explicitly normative, not descriptive.

2. Canonical vs Derivative Artifacts

Canonical artifacts are sources of truth and must be open, inspectable, and tool-independent.

Derivative artifacts are projections or renderings and may be lossy.

3. Proprietary Tools and Formats

Proprietary tools and formats are permitted but constrained.

They are treated as optional integrations and must never be authoritative.

Guitar Pro (GP) Policy:

Guitar Pro is explicitly non-core.

GP files are export-only artifacts.

FSIPS must not depend on GP for exercise definition, progression, or visualization.

4. File Format Standards

Preference is given to text-based, declarative, diff-friendly formats.

Binary-only formats are discouraged for canonical data.

5. Instrument and Tool Independence

Exercises are instrument-agnostic.

Tools may assist but must not define meaning.

6. Versioning and Stability

All documents are explicitly versioned.

Breaking changes require version increments and explicit rationale.

7. Scope Notes (v0.1)

UI design, rendering aesthetics, and performance optimizations are out of scope.