

PMSI-DEF-001

# Record

Version: v1.0 | Status: Locked &amp; Frozen

## 1. Definition

A record is a bounded reference unit whose declared content does not change within a stated version.

## 2. Properties

A record in PMSI:

- has an identifiable boundary
- has declared content
- may have a version identifier
- may have a hash value

## 3. Exclusions

A record does not:

- assert truth
- provide evidence
- support decisions
- confer authority
- require interpretation

## 4. Failure Condition

A record fails as a PMSI record if its boundary cannot be identified from its stated fields or declared content.

PMSI-DEF-002

# Canonical Form

Version: v1.0 | Status: Locked & Frozen

## 1. Definition

Canonical form is the single valid representation of a record or structure under a stated rule set.

## 2. Properties

Canonical form in PMSI:

- defines one valid representation
- constrains representational variance
- permits deterministic comparison
- applies only within the stated rule set

## 3. Exclusions

Canonical form does not:

- validate content
- assert correctness
- interpret meaning
- confer authority

## 4. Failure Condition

Canonical form fails if two different representations are valid under the same stated rule set.

PMSI-DEF-003

# Specification

Version: v1.0 | Status: Locked &amp; Frozen

## 1. Definition

A specification is a bounded rule set defining structure, format, serialization, or measurement method.

## 2. Properties

A specification in PMSI:

- defines conditions for validity under the specification
- may define valid and invalid forms
- may define field structure
- may define measurement procedure
- is version-bound

## 3. Exclusions

A specification does not:

- validate implementations
- certify compliance
- endorse use
- interpret results
- define acceptable outcomes

## 4. Failure Condition

A specification fails as a PMSI specification if its rules require interpretive judgment to determine validity.

PMSI-DEF-004

# Snapshot

Version: v1.0 | Status: Locked &amp; Frozen

## 1. Definition

A snapshot is a bounded reference to the declared content of a record at a stated version and timestamp.

## 2. Properties

A snapshot in PMSI:

- identifies a record
- states a version
- states a timestamp
- may include a hash value
- fixes reference to declared content at the stated version and timestamp

## 3. Exclusions

A snapshot does not:

- validate content
- assert truth
- confirm authorship
- imply permanence
- confer authority
- require continued availability

## 4. Failure Condition

A snapshot fails as a PMSI snapshot if the referenced record content cannot be identified from its stated fields.

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