

TimeVault — Step-by-step Walkthrough

Create an effective-dated Country and child State, approve them on their owning records, split a later correction into bounded periods, and inspect both business time and recorded history.

Use the current tenant, profile and permitted actions. Screenshots illustrate the application; example records and date fields may differ in your environment.

Contents

1. Demonstration story, prepared data and participants
2. Demonstration sequence and visible outcomes
3. Demonstration · Create a Country with an explicit effective period
4. Demonstration · Create a State within an eligible Country period
5. Demonstration · Correct an existing version without changing its identity
6. Demonstration · Slice and Dice a bounded correction and inspect all periods
7. Demonstration · Approve, reject and recover a saved workflow handoff
8. Demonstration · Use effective-on and recorded-as-of views correctly
9. Demonstration · Inactivate or remove a version from use
10. Application screen reference and what to inspect
11. Cross-module handoffs and the record references to retain
12. Problem → responsible action → safe continuation
13. Close the demonstration and hand over the operating guide

Demonstration story, prepared data and participants

Create an effective-dated Country and child State, approve them on their owning records, split a later correction into bounded periods, and inspect both business time and recorded history.

Worked example and preparation

Use unique training Country/State codes that satisfy the displayed patterns. Define D0 as today, D1 as a later date and D2 as a date after D1. Use valid calendar dates in the forms; the letters D0/D1/D2 are explanatory placeholders.

Responsibilities

Role	Responsibility
Master maker	Previews and submits temporal changes.
Independent reviewer	Compares values and effective periods on the Country/State record.
Auditor	Uses effective-on and recorded-as-of views to reconstruct history.

Terms used in this module

Term	Meaning
Effective time	When the business value applies.
Recorded time	When the system recorded a version or decision.
Current timeline	The presently approved set of segments, including future segments.
Superseded version	A preserved earlier representation, retained for audit.

The procedures below explain operation. Application captures use illustrative records. Record actual demonstration and UAT outcomes separately; a written expected result is not a recorded pass.

Demonstration sequence and visible outcomes

Business journey	Open the detailed steps
Approved Country and dependent State	<u>Create a Country with an explicit effective period</u> <u>Create a State within an eligible Country period</u>

Business journey	Open the detailed steps
Bounded correction and independent decision	<u>Correct an existing version without changing its identity</u> <u>Slice and Dice a bounded correction and inspect all periods</u> <u>Approve, reject and recover a saved workflow handoff</u>
Historical reconstruction and withdrawal	<u>Use effective-on and recorded-as-of views correctly</u> <u>Inactivate or remove a version from use</u>

CHAPTER 3

Demonstration · Create a Country with an explicit effective period

Open	Who acts
Core Masters → Country → Create	Master maker and independent reviewer

Create a governed reference whose business availability depends on both approval and its effective dates.

Inputs for this part of the prepared example

Input shown on screen	Enter or select	Explain its significance
Code / Name	A unique code matching the displayed format and a readable training name	The key is fixed when revising an existing record.
Description	The optional business explanation	Keep the purpose separate from the reason for this particular change.
Effective from / Effective to	D0 and an allowed end, or No end date	The preview uses inclusive day boundaries; future approval does not make the value available before its start.
Change reason / Business reason	The offered reason code and a meaningful explanation	A reason is required and remains with the proposal.

Perform and explain

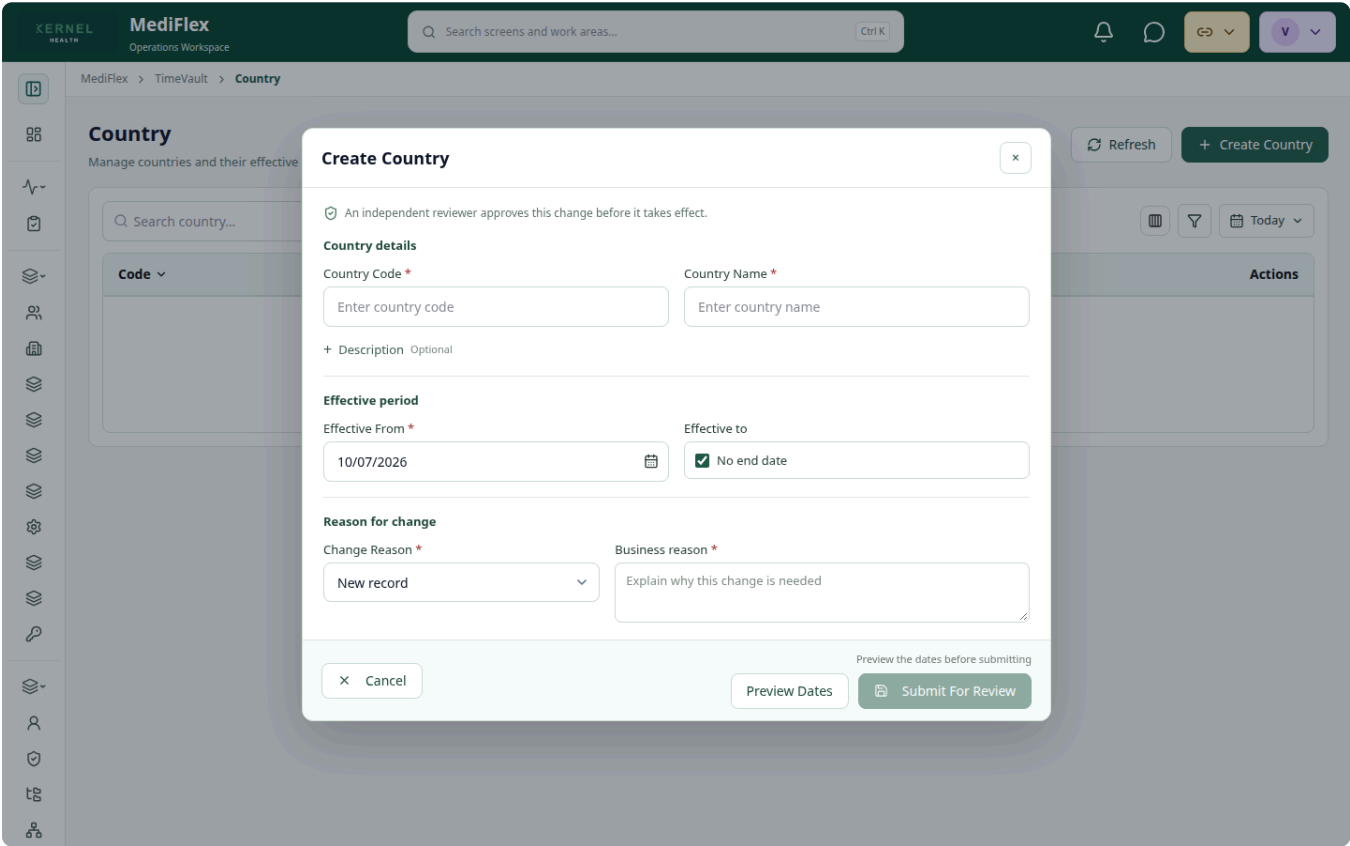
Step	Demonstrator action	Point out on the screen
1	Search Country by code and name before creating.	An existing identity can be inspected instead of duplicated.
2	Enter the record values, effective period and business reason.	The proposed business interval is explicit.
3	Select Preview dates and inspect the returned timeline.	The proposed treatment is shown before submission.

Step	Demonstrator action	Point out on the screen
4	If any input changes, preview again, then Submit for review.	The submitted request matches the current values and dates.
5	The independent reviewer opens the same Country record and its change.	Before/proposed values, period and requester are available.
6	After approval, reopen the timeline and current list.	The value appears when effective; a future-dated approved value remains future.

SCREEN 1

Country creation and effective period

Retained application capture · illustrative records · earlier UI may differ · select image to enlarge



Evidence to show before continuing

Show proposed period, independent decision and the distinction between approved and currently effective.

Demonstrate an exception when the prepared record supports it

Condition to explain	Supported recovery
Submit is disabled	Run the current date preview and complete required fields/reasons.
A saved change has not reached review	Use the saved request's Send to Regulix / retry handoff rather than creating another Country.

Next part of the demonstration

Create a State only after the Country is approved for the required State period.

CHAPTER 4

Demonstration · Create a State within an eligible Country period

Open	Who acts
Core Masters → State → Create	Master maker and independent reviewer

The State's Country is a reference to the approved parent, and its effective interval must be supported by that parent's active coverage.

Inputs for this part of the prepared example

Input shown on screen	Enter or select	Explain its significance
Country	The eligible approved training Country	Selection uses parent authority, not merely a matching name.
State code / name	Unique compatible code and readable name	Keys and parent cannot be freely reassigned through an ordinary update.
Effective dates	A period covered by the active Country timeline	Do not create a child beyond its parent's permitted interval.
Reason	Why this child reference is needed	Retain the business rationale with the proposal.

Perform and explain

Step	Demonstrator action	Point out on the screen
1	Inspect the Country timeline and its approved period.	The parent can support the intended State.

Step	Demonstrator action	Point out on the screen
2	Open State creation and select that Country.	The saved parent reference is used.
3	Enter State values and dates, then Preview dates.	The timeline preview validates the proposed interval.
4	Submit and have the independent reviewer decide the saved State request.	The reviewer can inspect parent and proposed period.
5	Read back State under the effective date view.	The approved child belongs to the intended Country and period.

SCREEN 2

Create State: country association and effective period

Retained application capture · illustrative records · earlier UI may differ · select image to enlarge

MediFlex
Operations Workspace

Search screens and work areas... Ctrl K

MediFlex > TimeVault > State

State
Manage states and their effective dates

Search state...

Country ▾

Create State [X]

ⓘ An independent reviewer approves this change before it takes effect.

State details

Country *
Country 00 (ZA) ▾

State Code *
ST

State Name *
Example state

+ Description Optional

Effective period

Effective From *
10/07/2026

Effective to
☒ No end date

Reason for change

Change Reason *
New record ▾

Business reason *
Explain why this change is needed

Preview the dates before submitting

[X] Cancel [Preview Dates] [Submit For Review]

Refresh + Create State

Today ▾

Actions

Evidence to show before continuing

Show parent reference, child period and the approved State timeline.

Demonstrate an exception when the prepared record supports it

Condition to explain	Supported recovery
Country cannot be selected	Check approval, active coverage and the proposed start date.
Parent coverage validation fails	Extend/correct the Country through its governed change or shorten the child interval; do not bypass the relationship.

Next part of the demonstration

Use Edit for a whole-period correction or Slice and Dice for a bounded subperiod.

CHAPTER 5

Demonstration · Correct an existing version without changing its identity

Open	Who acts
Country or State → View record → Propose edit	Master maker

An edit creates a reviewed successor representation of the existing record. It should not be used to convert one controlled identity into another.

Inputs for this part of the prepared example

Input shown on screen	Enter or select	Explain its significance
Selected version / revision	The current timeline segment opened from the record	This is the concurrency baseline for the proposal.
Editable business fields	Correct name/description as permitted	Key and parent fields are locked on existing records.
Effective dates	The intended treatment interval	Use the preview to see whether the action replaces or splits coverage.
Business reason	What was wrong and why correction is needed	Provides an audit explanation beyond the new wording.

Perform and explain

Step	Demonstrator action	Point out on the screen
1	Open the record and inspect its current periods.	The intended segment is selected.

Step	Demonstrator action	Point out on the screen
2	Use Propose edit and correct only the permitted non-key values.	The stable Country/State identity is preserved.
3	Set dates deliberately and preview the treatment.	The resulting segments can be compared with the original.
4	Submit the change and retain its request reference.	The previous timeline remains effective while review is pending.
5	After decision, compare current and preserved versions.	The new values and earlier representation are both attributable.

Evidence to show before continuing

Show fixed keys, pending/current separation and retained previous values.

Demonstrate an exception when the prepared record supports it

Condition to explain	Supported recovery
Another change is already pending	Complete its decision before submitting another proposal.
The revision is stale	Reload the record and prepare the correction against the latest timeline.

Next part of the demonstration

Use the dedicated split procedure if values must differ only within a bounded interval.

CHAPTER 6

Demonstration · Slice and Dice a bounded correction and inspect all periods

Open	Who acts
Country or State → row actions → Slice and Dice	Master maker and reviewer

Apply a corrected value only within part of an approved period while preserving the values before and after it.

Inputs for this part of the prepared example

Input shown on screen	Enter or select	Explain its significance
Original period	The selected approved segment	Choose one current segment, not a superseded historical copy.
Correction start/end	D1 through D2 inside the original period	Inclusive boundaries produce preserved left/right periods when those sides exist.
Changed values	For example a corrected training name	Only the proposed period uses the new values.
Period change reason	The offered period reason plus business explanation	Explains both value and timing changes.

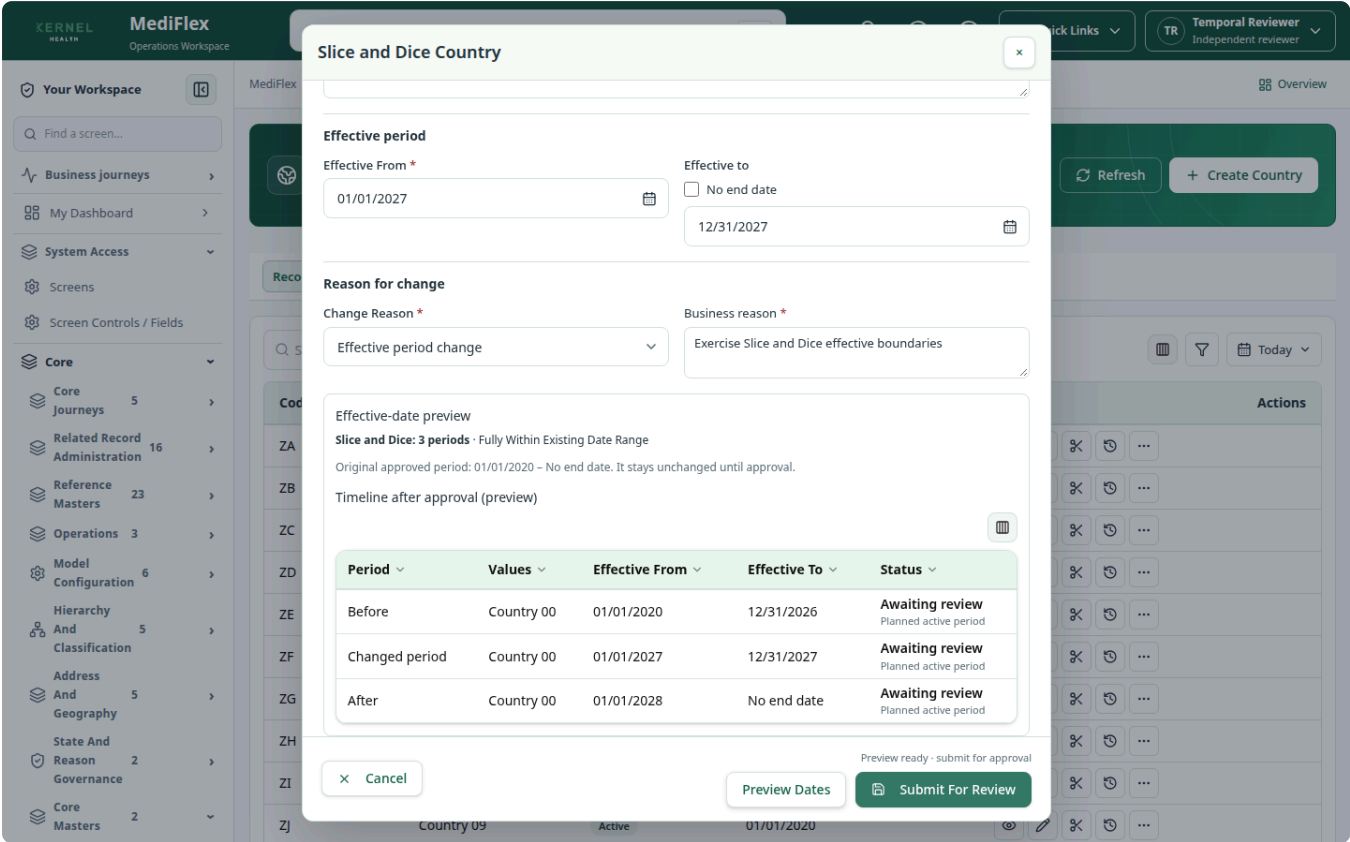
Perform and explain

Step	Demonstrator action	Point out on the screen
1	Open a long enough approved segment and select Slice and Dice.	The original values and full period are visible.
2	Set the correction to D1 through D2 and change the intended name/description.	The subperiod differs from the original interval.
3	Select Preview dates and inspect every segment.	For an interior correction, left keeps old values through the day before D1, middle uses new values through D2, right restores old values from the following day.
4	Confirm there are no gaps or overlaps before submitting.	The proposed timeline is continuous where the original was continuous.
5	The reviewer compares the entire treatment and records the decision.	Approval applies the exact previewed treatment.
6	Query an effective date before, inside and after the correction.	Each date resolves the expected segment while earlier recorded versions remain preserved.

SCREEN 3

Country Slice and Dice: proposed period, change reason and three-period preview

Retained application capture · illustrative records · earlier UI may differ · select image to enlarge



Evidence to show before continuing

Show all three effective-date results and the preserved original representation.

Demonstrate an exception when the prepared record supports it

Condition to explain	Supported recovery
Preview reports Not a split	Adjust the subperiod or use Edit; a whole-period replacement is not a Slice and Dice demonstration.
A Country reduction conflicts with approved States	Resolve dependent State coverage first; parent inactivation must not leave unsupported active children.

Next part of the demonstration

Use date views and preserved versions to explain what applied when and what was known at each recorded time.

Demonstration · Approve, reject and recover a saved workflow handoff

Open	Who acts
Country/State → selected record → Changes and review	Independent reviewer; maker for handoff recovery

Decide temporal changes on the owning master record. Regex supplies the workflow instance; it does not replace the master's value and period comparison.

Inputs for this part of the prepared example

Input shown on screen	Enter or select	Explain its significance
Decision	Approve or Reject	Choose only after inspecting both values and periods.
Review comments	At least the meaningful explanation required by the form	The implementation requires a minimum comment length.
Workflow handoff	Saved change reference and linked instance	Saved but not sent is different from awaiting a reviewer.
Current request/revision	The opened pending change	Avoid deciding against an outdated workflow version.

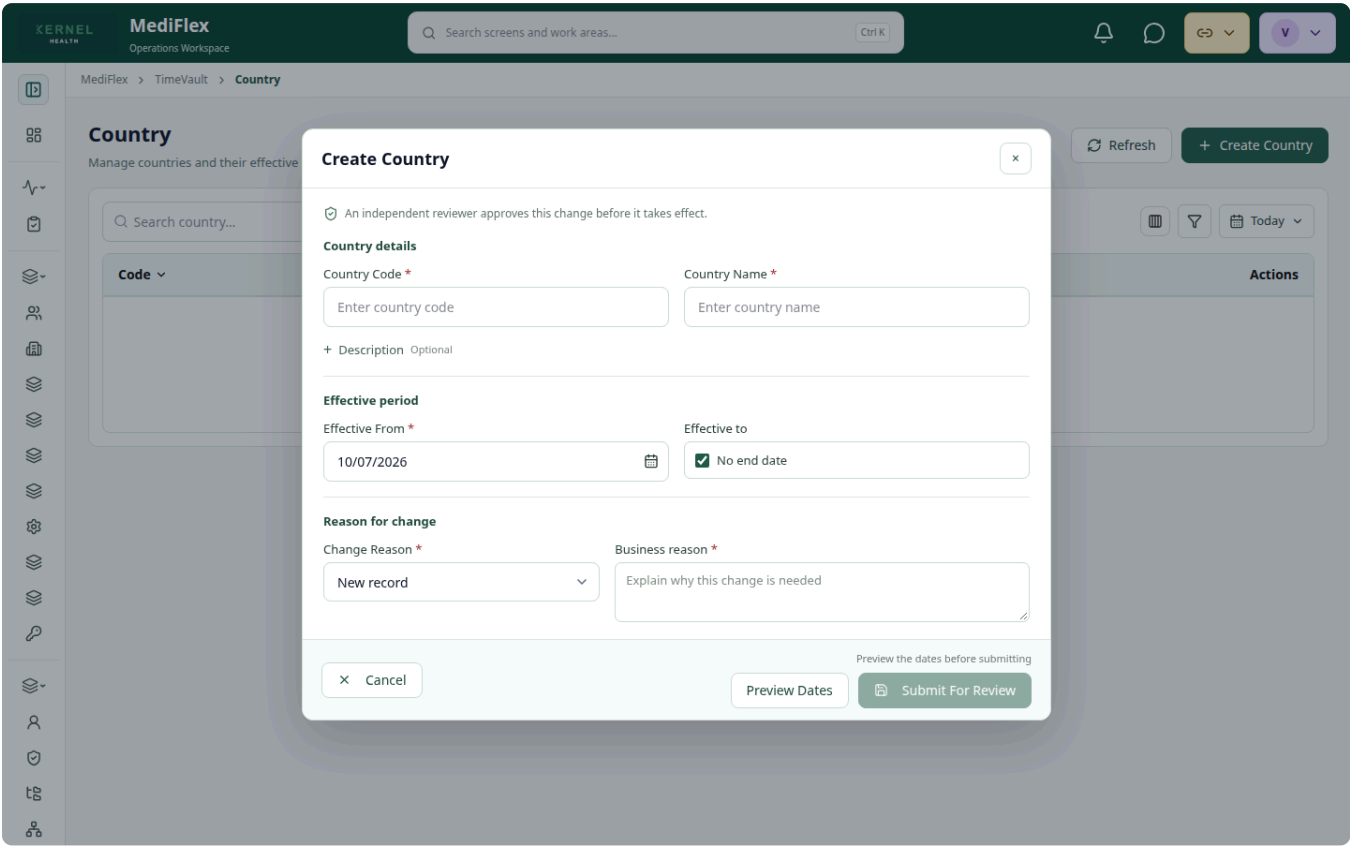
Perform and explain

Step	Demonstrator action	Point out on the screen
1	Open the pending change from the Country/State record.	The same record shows proposed values, period and workflow handoff.
2	Compare before/proposed values and every timeline segment.	The business and temporal impact are understood.
3	Enter the decision and comments and submit once.	The exact request records approval or rejection.
4	Read back the owning timeline and change history.	Approval changes the current timeline; rejection preserves the prior one.
5	If a saved request lacks its workflow instance, the maker uses Send to Regex.	The existing request is delivered instead of duplicated.
6	After an interrupted decision, reload the current change before retrying.	The persisted decision/version determines the next safe action.

SCREEN 1

Country creation and effective period

Retained application capture · illustrative records · earlier UI may differ · select image to enlarge



Evidence to show before continuing

Show an approval, a rejection and the saved-request recovery path.

Demonstrate an exception when the prepared record supports it

Condition to explain	Supported recovery
An author switches profile and sees no decision action	An ordinary same-person review remains blocked.
A partially completed decision offers Reload review	Reload the current version and inspect the outcome before retrying.

Next part of the demonstration

Return to the owning record's effective view and audit history.

CHAPTER 8

Demonstration · Use effective-on and recorded-as-of views correctly

Open	Who acts
Country/State → Date views; record → Preserved versions	Reader or auditor

Answer two separate questions: which value applies on a business date, and what the system had recorded at a historical point.

Inputs for this part of the prepared example

Input shown on screen	Enter or select	Explain its significance
Effective on	A business date before/inside/after the correction	Selects business applicability.
Recorded as of	A historical recorded timestamp	Reconstructs knowledge available at that recorded time.
Current / Superseded	The timeline membership marker	A future segment can belong to the current approved timeline.
Version / segment	The preserved revision and subperiod	Identifies the exact representation being inspected.

Perform and explain

Step	Demonstrator action	Point out on the screen
1	Open the corrected record and inspect the current approved timeline.	All current segments are visible.
2	Set Effective on to a date before the bounded correction.	The earlier applicable value is returned.
3	Set it inside and then after the correction.	The changed value and restored value resolve in their proper periods.
4	Apply Recorded as of using a point before the correction was recorded.	The earlier known representation can be reconstructed.
5	Clear the chips and open Preserved versions.	The current view is restored and superseded history remains readable.

Evidence to show before continuing

Show the same identity under three business dates and two recorded-time views.

Demonstrate an exception when the prepared record supports it

Condition to explain	Supported recovery
A future approved row is absent today	Check Effective on before assuming approval failed.
The result looks inconsistent	Inspect both date filters and clear them before comparing with the ordinary current list.

Next part of the demonstration

Use the exact record/version/segment references in audit evidence or consumer diagnostics.

CHAPTER 9

Demonstration · Inactivate or remove a version from use

Open	Who acts
Country/State → selected current period → More actions	Master maker and reviewer

End operational availability through a reviewed temporal change while preserving the reference and earlier history.

Inputs for this part of the prepared example

Input shown on screen	Enter or select	Explain its significance
Inactivate version	Use for operational inactivation	The record is retained; active consumers must respect its effective state.
Remove from use	The logical-delete action	This does not erase preserved versions.
Effective period / reason	The affected interval and rationale	The impact on child references must be checked.

Perform and explain

Step	Demonstrator action	Point out on the screen
1	Inspect current segments and dependent State coverage before withdrawing a Country.	Active dependencies are identified.
2	Select Inactivate version or Remove from use for the intended period.	The chosen operation reflects the business requirement.
3	Preview dates and review the affected intervals.	The proposal is bounded rather than an unexamined historical rewrite.

Step	Demonstrator action	Point out on the screen
4	Submit and obtain the eligible independent decision.	Availability changes through a recorded proposal.
5	Read back the effective list and preserved versions.	Ordinary use follows the new state while history remains available.

Evidence to show before continuing

Show default availability and retained history after a permitted withdrawal.

Demonstrate an exception when the prepared record supports it

Condition to explain	Supported recovery
Dependent active States block the Country change	Correct their effective coverage through their own governed actions first.
A pending change blocks withdrawal	Complete or resolve that existing request before another proposal.

Next part of the demonstration

Confirm dependent lookups and retain the withdrawal decision for audit.

CHAPTER 10

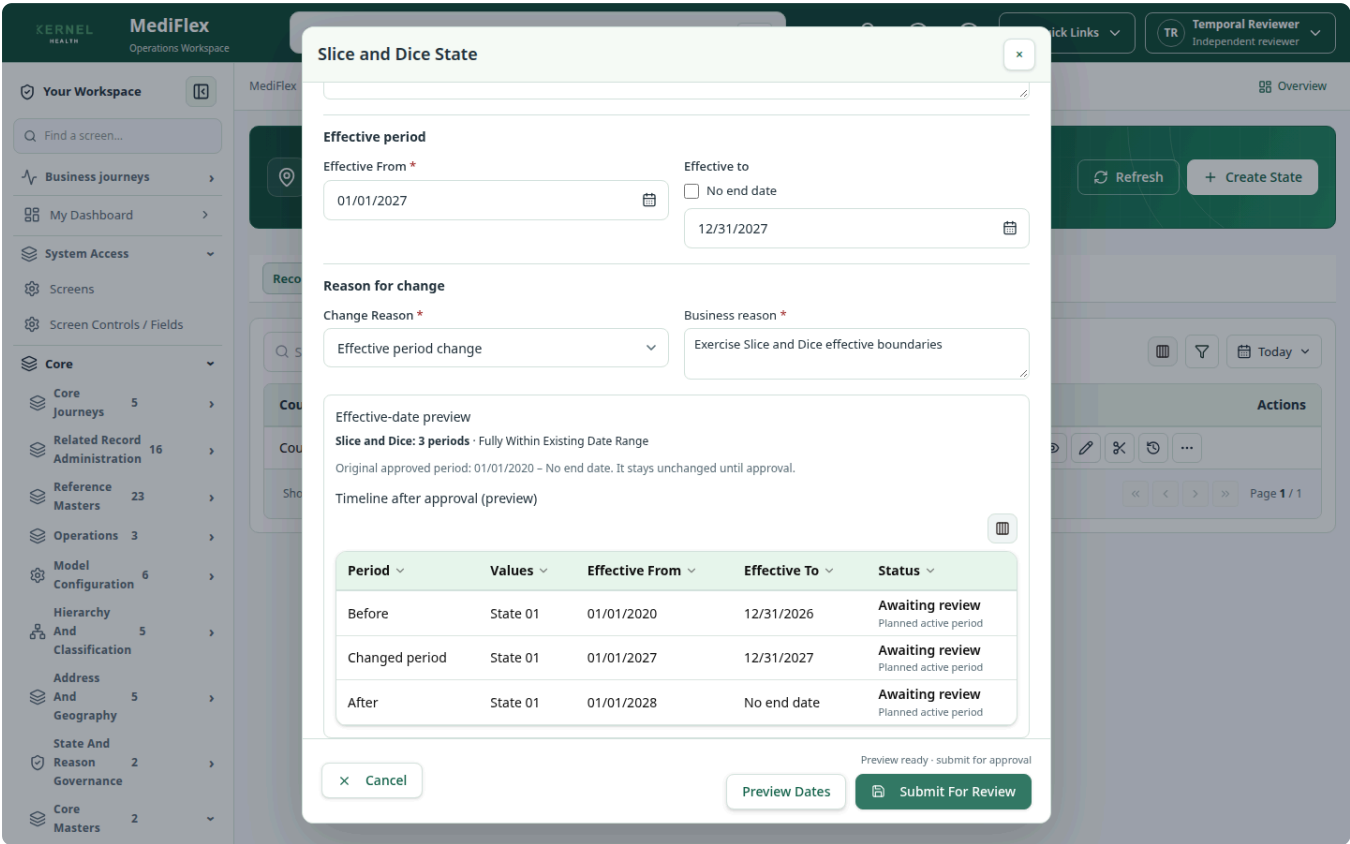
Application screen reference and what to inspect

Use these retained application captures alongside the procedures above. Inspect the selected record, version, current state and offered actions; example data is illustrative.

SCREEN 4

State Slice and Dice: parent context and effective-period proposal

Retained application capture · illustrative records · earlier UI may differ · select image to enlarge



CHAPTER 11

Cross-module handoffs and the record references to retain

Next module	What to carry across	Open the related demonstration
Core	Country and State retain their owning master record and stable identity.	Core
Regulix	The saved proposal hands off to its native review instance.	Regulix
IAM	Screen/action authority and independent subject checks remain applicable.	IAM

CHAPTER 12

Problem → responsible action → safe continuation

Procedure	Observed problem	Recovery
Create a Country with an explicit effective period	Submit is disabled	Run the current date preview and complete required fields/reasons.
Create a Country with an explicit effective period	A saved change has not reached review	Use the saved request's Send to Regulix / retry handoff rather than creating another Country.
Create a State within an eligible Country period	Country cannot be selected	Check approval, active coverage and the proposed start date.
Create a State within an eligible Country period	Parent coverage validation fails	Extend/correct the Country through its governed change or shorten the child interval; do not bypass the relationship.
Correct an existing version without changing its identity	Another change is already pending	Complete its decision before submitting another proposal.
Correct an existing version without changing its identity	The revision is stale	Reload the record and prepare the correction against the latest timeline.
Slice and Dice a bounded correction and inspect all periods	Preview reports Not a split	Adjust the subperiod or use Edit; a whole-period replacement is not a Slice and Dice demonstration.
Slice and Dice a bounded correction and inspect all periods	A Country reduction conflicts with approved States	Resolve dependent State coverage first; parent inactivation must not leave unsupported active children.
Approve, reject and recover a saved workflow handoff	An author switches profile and sees no decision action	An ordinary same-person review remains blocked.
Approve, reject and recover a saved workflow handoff	A partially completed decision offers Reload review	Reload the current version and inspect the outcome before retrying.
Use effective-on and recorded-as-of views correctly	A future approved row is absent today	Check Effective on before assuming approval failed.
Use effective-on and recorded-as-of views correctly	The result looks inconsistent	Inspect both date filters and clear them before comparing with the ordinary current list.
Inactivate or remove a version from use	Dependent active States block the Country change	Correct their effective coverage through their own governed actions first.
Inactivate or remove a version from use	A pending change blocks withdrawal	Complete or resolve that existing request before another proposal.

CHAPTER 13

Close the demonstration and hand over the operating guide

Return to the final owning record and show its actual result. Retain the exact references for creation, decision, publication, execution and output that this module produced. Explain any unresolved dependency as a specific blocker; do not convert a source-level example into a claim of a completed hosted journey.

Procedure	Evidence the audience should have seen
Create a Country with an explicit effective period	Show proposed period, independent decision and the distinction between approved and currently effective.
Create a State within an eligible Country period	Show parent reference, child period and the approved State timeline.
Correct an existing version without changing its identity	Show fixed keys, pending/current separation and retained previous values.
Slice and Dice a bounded correction and inspect all periods	Show all three effective-date results and the preserved original representation.
Approve, reject and recover a saved workflow handoff	Show an approval, a rejection and the saved-request recovery path.
Use effective-on and recorded-as-of views correctly	Show the same identity under three business dates and two recorded-time views.
Inactivate or remove a version from use	Show default availability and retained history after a permitted withdrawal.

Keep the training data and audit trail until the agreed review is complete. Use only supported inactivation/retirement actions when authorized; do not erase evidence to reset the demonstration. Hand over the separate user manual for daily operation and record actual results in the UAT pack.