AI POWERED

UniTreasury

Hedge Accounting and Derivative Valuation

From trade confirmation to disclosure note, in one auditable workflow.

UniTreasury is an AI-assisted platform that automates derivative valuation, hedge designation, effectiveness testing, and disclosure. Built by Uniqus for compliance with United States Generally Accepted Accounting Principles (US GAAP), Indian Accounting Standards (Ind AS), and International Financial Reporting Standards (IFRS). It replaces spreadsheet-based hedge accounting with a controlled workflow in which every figure includes its inputs, formula, and accounting reference.

Challenges observed in the market

- Hedge accounting runs on linked spreadsheets, where a single miskeyed rate can move mark-to-market by millions and go unnoticed until the audit.
- Valuation needs dual curves, daily fixings, holiday calendars, and credit data that rarely align out of the box.
- Accounting standards demand a contemporaneous designation memo and a defensible effectiveness method for every hedge relationship - assembled by hand, it is always late and rarely complete.
- Effectiveness testing is rebuilt each period, with method choices undocumented and assumptions unrecorded.
- Journal entries, disclosures, and audit evidence are stitched together at the end of the close, from sources that do not reconcile to each other.

A deliberate design position

Where an input required to compute a number is missing, the platform raises an error. It does not default, and it does not guess. A valuation that cannot be computed never appears as a number.

What UniTreasury covers

Instrument families
Interest Rate · FX · Equity · Commodity

Hedge types
Cash Flow · Fair Value · Net Investment

Effectiveness methods
Critical Terms Match · Dollar Offset · Logistic Regression · Scenario Analysis

Standards
US GAAP · Ind AS · IFRS

The workflow

Inputs, then processing, then output - in the order the work actually happens.

1 Market data

Separate discount and projection curves, daily fixings by index and date, holiday calendars as per geography, credit default swap (CDS) spread surfaces, and commodity forward curves. Bulk workbook upload, versioned by curve date.

2 Trade capture

Book the trade using a guided entry system tailored to the instrument type - or upload the confirmation and let Midas, the trade detail extraction agent, extract every contractual term. Any input the agent cannot find is reported as MISSING - no input is invented. Extraction produces a draft, not a booking.

3 Valuation

Dual-curve mark-to-market with credit valuation adjustment (CVA) and debit valuation adjustment (DVA), as at any period date. Clean, dirty, and credit-adjusted values are reported separately, along with leg-wise PVs, accrued interest, par rate, PV01, DV01, and the full cash-flow ladder.

4 Designation

A five-step hedge-designation wizard - derivative, hedged item, risk and method, memo preview, review and submit - produces a versioned designation memo rather than a Word template. Hera reads existing memos and returns the terms of the relationship. Every edit creates a new immutable version; approval automatically creates the first test schedule.

5 Testing, journals, and evidence

Run the elected method. Each result expands into a calculation waterfall: inputs, market data used, every intermediate value with its formula, and the conclusion. Journal entries are generated from those results with configurable GL mapping, then route through draft, review, posted, and period lock. Disclosures, report packs, and an editable regulation-aligned footnote close the loop.

Built for the close. Written for the auditor

Governance and control

- Append-only audit log: no update or delete permission, enforced in the application and the database.
- Every state change recorded - who, when, what changed, and the before and after values.
- Role-based access across Admin, Treasury Executive, Treasury Operations, Accounting, Auditor, and Client.
- Soft delete only - nothing disappears from the record.
- Four-eyes approval, where the approver cannot be the booker.

Getting started

1. **Discovery workshop**

Assess the derivative portfolio, data sources, and close process.

2. **Reconciliation pilot**

Load trades and market data, then reconcile Mark-to-Market (MTM) against your existing model.

3. **Designation and User Acceptance Testing (UAT)**

Run designations and effectiveness testing in parallel.

4. **Go live and training**

Production deployment with hands-on training and post-go-live support.

Benefits

- Cut valuation and testing effort by 70–80% through automated pricing, term extraction, and document generation.
- Read clean, dirty, and credit-adjusted values separately, so no consumer of a number has to guess which one applies.
- Capture trade terms and memos straight from source documents, each field citing the sentence it came from.
- Choose from four effectiveness methods explicitly, with the assumptions behind every result stored alongside it.
- Strengthen governance with four-eyes approval on every booking, over an append-only audit log that cannot be edited or deleted.
- Keep the evidence file assembled as work happens, rather than reconstructed for the auditor.

uniqus

CHANGE THE WAY CONSULTING IS DONE

USA | INDIA | MIDDLE EAST

In case of any query, please write to us at *businessinquiries@uniqus.com*.

To know more about us, scan this code

or follow us on