



Totem Service

Providing consensus based derivative prices to support the independent verification of book valuations

The Totem service enables institutions to independently verify derivative positions for their books and records reporting to address increasing regulatory scrutiny of balance sheets and trading activity. In support of the risk management and valuation control functions, the Totem service provides high quality, independent mark-to-market derivative prices that are accepted by auditors and referenced by major regulators globally as part of their oversight of OTC derivative markets. The service delivers daily and monthly prices across Equity, Interest Rate, FX, Commodities, Energy, Structured Credit, XVA, Structured Notes, Inflation and Repos, providing comprehensive coverage of vanilla and exotic derivative products.

KEY STATS

160+

Participants across all asset classes

20+

Years of high quality valuations

SSAE 18 and ISAE

Accredited

Independent

Designed to meet all requirements for independent price verification and used extensively for prudent valuation and regulatory requirements.

information including traded levels, exchange and broker information.

Authoritative

Accepted by auditors and regulators globally, enabling institutions to ensure the accuracy of their derivative valuations.

Market Consensus

Data provided is the consensus of mid-market prices from the leading active market participants for each product. Additionally distribution information on the submissions such as standard deviation and range is provided as well as explicit 10th and 90th percentile levels for use in prudent valuation calculations.

Accredited

Totem has received SSAE 18/ISAE 3402 accreditation.

Service Development

Ongoing engagement with contributors to address both market developments and those arising from increasing regulatory and audit requirements for book valuations and day one profit and loss, leads to a constantly evolving service ensuring coverage across all derivative products of interest.

Data Quality

A unique set of processes and techniques is employed to reflect accurate market levels, with rigorously applied controls, including the rejection of any submitted data points that fail the checks. A challenge process allows contributors to provide further evidence to validate the published levels.

Dedicated Support

Experienced market professionals provide 24/5 support to assist product controllers, risk managers and valuation specialists.

Validated Consensus

To further improve regulatory comfort with the use of consensus information for independent price verification, the Totem consensus service provides reporting of the Totem consensus levels compared with other available market

Coverage

Equities, Funds and Bond Indices

A comprehensive global coverage of option, forward, dividend swap and variance swap prices for stocks, indices, ETFs, Funds and bond indices is published daily at three regional snap times. Monthly correlation services cover the same underlyings in price and parameter terms. A suite of exotic equity derivative services is run covering demand for products such as Autocallables, cliquets and corridor variance swaps amongst others.

FX

Option volatilities, forward curves and spot rates are published as part of a comprehensive coverage of FX pairs with a maximum tenor of 30 years on three regional daily closes. Several exotic services, covering products such as FX digitals and barriers, are also published monthly.

Structured Credit

The Structured Credit service provides option prices with daily frequency

for Credit Index Options and monthly frequency for bespoke CDOs, index tranches, FTDs, and Quanto CDS.

Interest Rates and Inflation

Yield curves, tenor and cross-currency basis, repos, CMS swaps, swaptions and capfloors are published daily with bermudans, accreters, CMS spread options (linear and digital), bond options as well as a variety of structured derivatives provided in the major currencies. For inflation, ZC swaps are published daily with year-on-year options and swaps, ZC options, LPI and delayed payment services published monthly.

Commodities and Energy

A comprehensive set of forward curves, option prices and volatilities is published on agriculturals, oil, gas, power, coal and related products in the energy and softs services. The metals service publishes forward curves and ATM and OTM volatilities on the full range of precious and

industrial metals. An exotic service covering cross commodity correlations, swaptions and index options is also provided.

XVA

The XVA service is designed to identify the CVA, DVA and FVA components of a trade price for a variety of defined counterparties and collateral conventions on a monthly basis. There are additional scenarios covering ColVA and MVA components and a quarterly service for Expected Loss in CVA calculations

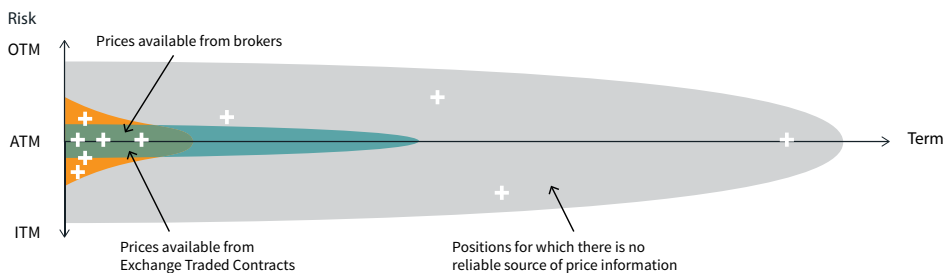
Structured Notes

A monthly service on USD fixed rate, floating and zero coupon accreter Structured Notes.

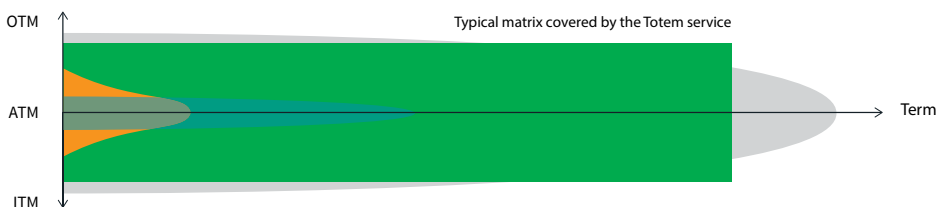
Historical Data

A unique historical derivative dataset, including the 2007 / 2008 stress period, with applications ranging from model testing to stressed expected shortfall.

Typical derivatives trading portfolio



Totem Coverage



More information on IHS Markit products and services

AMERICAS
+1 212 931 4900

EMEA
+44 20 7260 2000

APAC
+65 6922 4200

sales@ihsmarkit.com

www.ihsmarkit.com