



IHS Markit™

FINANCIAL MARKETS

# Loan Solutions

IHS Markit's comprehensive solutions  
in syndicated and leveraged loans

# IHS Markit is the provider of choice to the loan market.

With our long experience in the asset class and superior capabilities, we anticipate where the industry is headed and make strategic decisions to ensure clients' success.

IHS Markit delivers a comprehensive and customizable set of software and services for loan market participants. Our solutions support credit research, investment analysis, trade settlement, portfolio administration, and connectivity.



## Pricing and Research

IHS Markit loan pricing and reference data gives investment professionals the information they need across a wide range of loan facilities.



## Investment Analysis

Our front office analytics products provide multiple integration points and specialized analytical tools that help portfolio managers make better decisions.



## Trading and Settlement

Loan Settlement is a powerful and fully-featured set of electronic platforms and complementary services that enables counterparties to settle syndicated loan trades.



## Portfolio and Agency Administration

WSO offers an integrated set of loan portfolio software and services that enable managers, agents, and trustees to track performance and manage their portfolios.



## Messaging and Data Services

Our platforms help clients maintain accurate portfolio data through the integration of agent bank notices and reconciled position information.



## KYC and Counterparty Management

Our services enable firms to meet regulatory requirements with advanced tools for KYC and document management throughout the trading lifecycle.



# Pricing and Research

## A Comprehensive Source of loan data

IHS Markit provides an array of products to support research and analysis for syndicated loans and credit products. Our information products enable investment professionals to uncover investment opportunities, compare assets, structure products, and benchmark performance.

### KEY STATS

18,000+

Reference data for loan facilities

4,100+

loans with current contract data

11+

years of pricing history

6000+

loan facilities

8500+

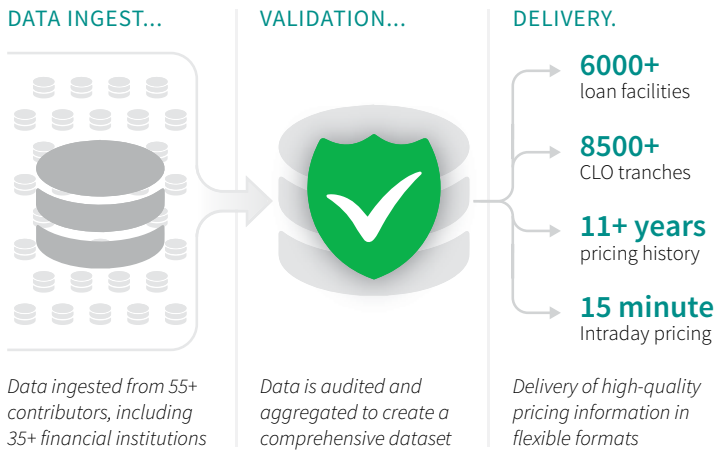
CLO tranches

8,500+

active issuers



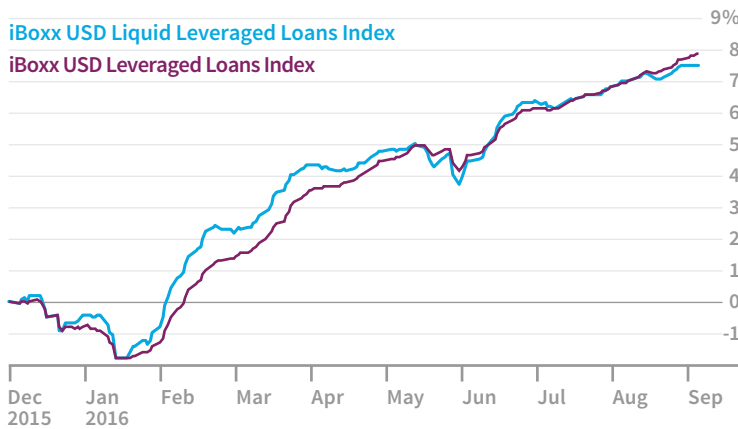
## Independent Pricing Data



IHS Markit provides independent bid-offer pricing and liquidity information for more than 6,000 loan facilities globally. We source prices from market participants, our proprietary pricing technology, and our experienced analysts.

Our CLO Pricing Data covers more than 8,500 investment grade, mezzanine, and equity tranches of US and European CLOs. We also provide independent evaluated pricing services for illiquid debt and other hard-to-value instruments.

## Trusted Loan Indices

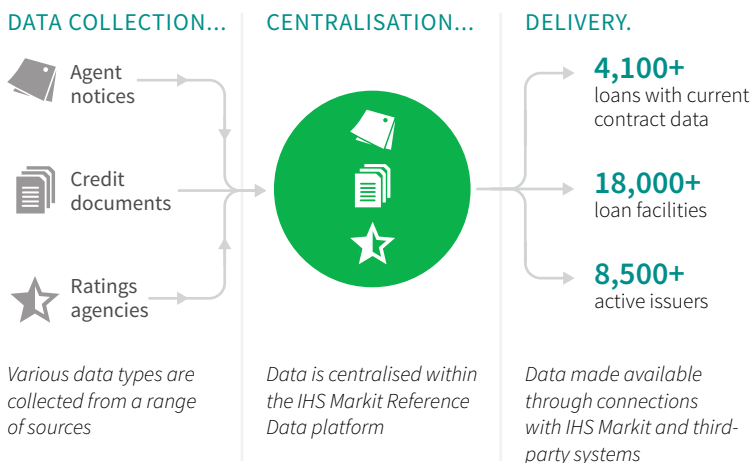


IHS Markit uses its extensive loan datasets to develop, calculate, and deliver independent and objective loan indices to support trading, product structuring, and benchmarking.

**iBoxx USD Leveraged Loan Index (LLI)**  
 – USD universe of leveraged loans

**iBoxx USD Liquid Leveraged Loan Index**  
 – 100 most liquid USD leveraged loans

## Detailed Loan Reference Data



IHS Markit's loan reference data includes granular covenant details and realtime corporate action data for more than 18,000 public and private loans. Our data is sourced from credit agreements, agent notices, and public filings and is validated and actively monitored for updates through the life of the loan.



# Investment Analysis

## The newest analytical tools to drive investment decisions

Our Credit Manager portfolio analysis software platform is a mobile compatible web-based platform purpose-built for loan investors. It centralizes the data needed to select investments, enables credit performance monitoring, and aids in identifying portfolio risk.





### Credit Screening and Monitoring

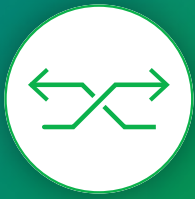
Credit Manager provides powerful research tools for identifying investments and intuitive dashboards that display important changes. Our platform allows you to evaluate opportunities by filtering credits based on technical and fundamental criteria. Alerts about changes in credit quality keep you up-to-date on your portfolio assets.

### Portfolio Monitoring

Credit Manager provides you with superior visibility into your portfolio with analytical tools tailored to the loan market. Use flexible features to calculate IRR, evaluate risks, quantify portfolio concentrations, evaluate weighted average metrics, and identify relative value.

### Trade Workflow

Credit Manager provides tools for teams to collaborate and track their progress on all aspects of the investment process. Available workflows include data capture, pipeline management, what-if trade analysis, investment approval, trade capture, and investment team communication.



# Trading and Settlement

## Settlement platforms and services that power the loan market

Loan Settlement is the hub at the center of the syndicated loan market. Our technology streamlines and centralizes the complicated process of loan trade settlement. The result is a platform that helps buyers, sellers, agent banks, custodians, and legal professionals execute fast and efficient straight-through trades.

### KEY STATS

\$7.5 trillion+

€250 billion+

£45 billion+  
loan transfers settled

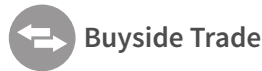
4.5 million  
loan transfers settled

9,750+  
credits settled

60+  
electronically  
integrated institutions



## TRADE ENTRY...



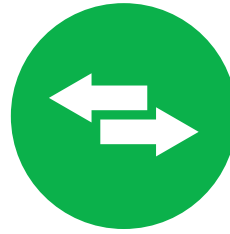
**Buyside Trade**



**Sellside Trade**

*Buyside and sellside institutions submit trades to IHS Markit via system-to-system messaging or manual entry.*

## TRADE SETTLEMENT...



*Settlement platforms efficiently confirm data, create documentation, and perform agent checks.*

## MESSAGING AND DOCUMENT DELIVERY.

**Trading parties**

**Agents**

**Custodians and Trustees**

*Finalized documents and messages delivered to parties, agents, and custodians.*

## Efficient settlement

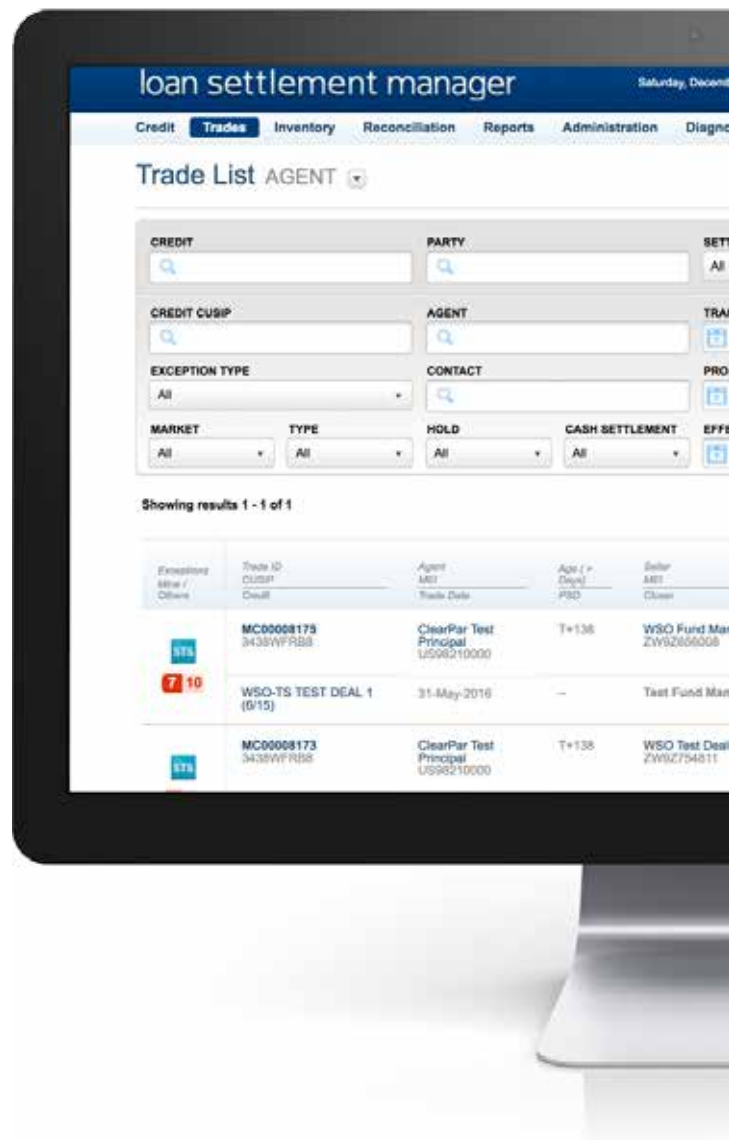
Our technology enables buyers and sellers to efficiently settle trades, which translates into reduced risk and increased operational efficiency. The platform matches and confirms trades, securely delivers data and documents, and enhances settlement certainty in every trade.

## Portfolio software integrations

The platform is interconnected with third-party loan management software and WSO software through integrations and FpML messaging. These connections help clients simplify workflows and eliminate manual tracking activities.

## New technology

IHS Markit is pushing forward the technology of loan settlement with platform enhancements that speed settlement times and enhance liquidity in the market. We are linking trade settlement with position reconciliation, easing integrations with custodians, and keeping up to date with the latest trading standards.





# Portfolio and Agency Administration

## Powerful software tools for managing loan assets

WSO offers an integrated set of software, data, and services that enable clients to track performance and manage their portfolios. Our modular products allow flexible in-house management and outsourcing that can be tailored to the needs of any customer.

These products offer integration with Loan Settlement to increase ease of use across the complete trading lifecycle.

### KEY STATS

**\$1** trillion+  
total client AUM

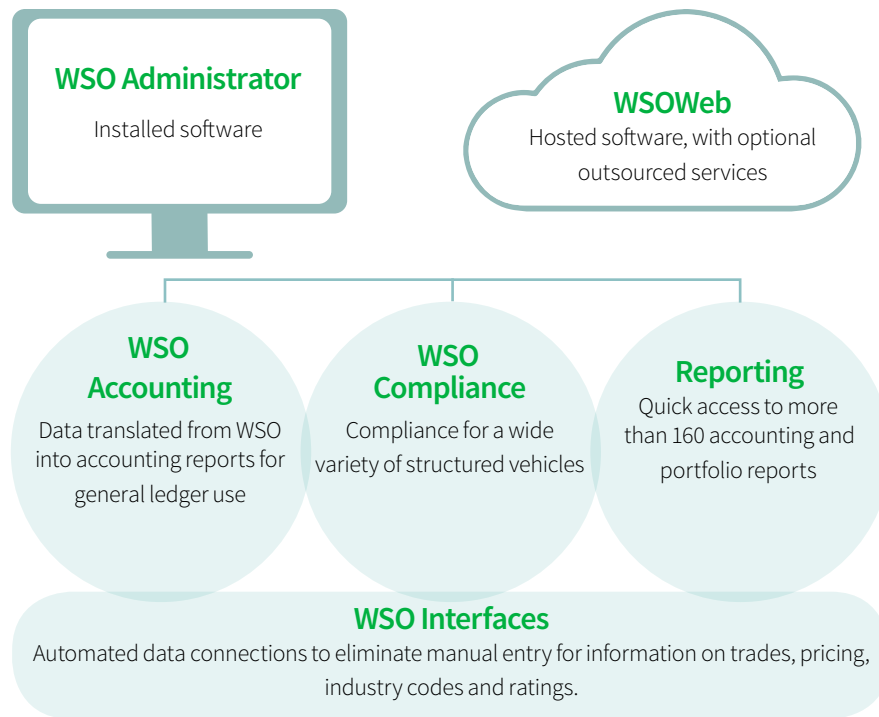
**270+**  
Clients

## Loan Portfolio Software

Our loan portfolio software is the industry's most widely deployed solution, providing a single platform for reporting, CLO compliance, integration, and performance analysis, across the complete trading lifecycle. Our software is available in an installed version or as a hosted solution. The platform supports all aspects of loan management in a scalable solution that decreases operational expenses while reducing risk.

## Agent Solutions

WSO solutions enable agents to originate and administer syndicated loans, direct lending activities, and other structured deals. Our WSO Agent software supports deal administration and servicing, interest capitalization, cash management, and correspondence. We also provide bespoke outsourcing services to help agents meet their administrative responsibilities. With our broad range of capabilities, we can tailor services to meet the needs of the most sophisticated agent banks.



## Outsourced Services

WSO services help customers streamline their businesses with outsourcing for back- and middle office functions. We consult with clients to design processes that maximize efficiency. Our extensive capabilities allow us to create highly customized and relevant services for all types of clients.

### CAPABILITIES

Agency Outsourcing

Asset Servicing

Cash Reconciliation

Compliance

Counterparty Management

Trade Closing



# Messaging and Data Services

**Networked data platforms that empower agents, lenders, and trustees**

IHS Markit provides several powerful data exchange platforms that support trading and portfolio administration in the loan market: Notice Manager processes and distributes notices from agent banks, and our solutions for portfolio reconciliation keep position data accurate and up-to-date.

## KEY STATS

**73 million+**  
notices categorized since 2005

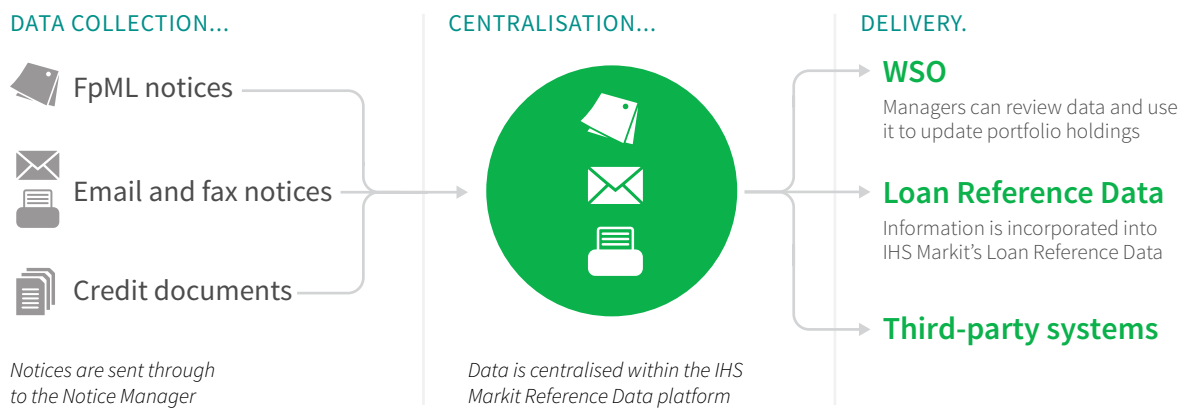
**9.5 million**  
notices received per year



## Agent Notices and Reference Data

Notice Manager enhances the ease of operations by providing access to updated information about bank loan holdings in a secure platform and from a single, validated source. Notice Manager processes and stores agent bank notifications sent via FpML technology and a wide variety of other formats.

The Notice Manager platform also transforms Agent Notices into XML format to allow Straight Thru Processing (STP) of loan servicing activity by WSO and other consuming systems. This further improves operational efficiencies while reducing risks from manual entry.



## Portfolio Reconciliation

IHS Markit provides two solutions that enable lenders and agent banks in the syndicated loan to validate position information as loan assets are traded or pass through lifecycle events.

Loan Reconciliation is a portal which operates as part of our integrated loan platform. It automates the matching of commitment balances, simplifies the resolution of discrepancies, and creates a detailed audit trail.

WSO's Reconciliation Service provides a hosted reconciliation solution staffed by a team of experts. We consolidate data from multiple sources and create processes for identifying exceptions and managing communications with third parties.

10+

agent banks contributing data

11k+

managed exceptions per month



# Counterparty Management

**Networked data services that empower market participants**

We help firms meet regulatory requirements and increase efficiency throughout the trading lifecycle with advanced tools for KYC and document management.

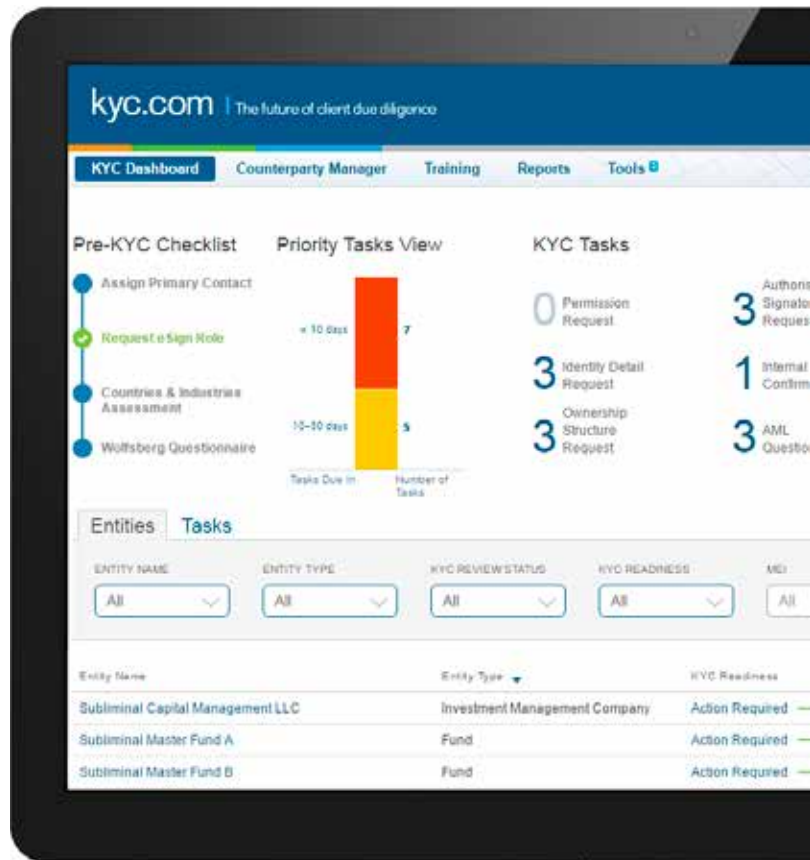
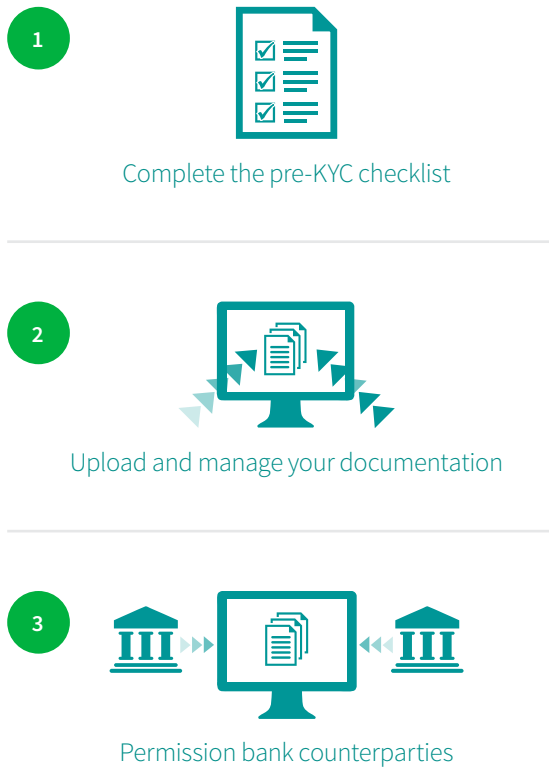


## KYC.com

KYC.com enables firms to connect due diligence data to address KYC, financial regulation, tax and counterparty requirements. Firms benefit from an industry led policy standard for KYC data quality and completeness as well as

lowered costs and simplified processes. By enabling firms to industrialise business critical due diligence processes, KYC.com helps them to quickly become eligible and ready to transact.

### A simple process to upload and securely permission your data



## Counterparty Manager

Counterparty Manager is a highly secure environment for trading counterparties to manage and share documentation, make regulatory representations and validate compliance with evolving business conduct rules and KYC/AML obligations. The tool allows users to upload, disseminate and maintain over 200 document types across 45 categories and supports the documentation requirements of essential processes including KYC, tax, legal, AML and credit.

## About IHS Markit

IHS Markit (Nasdaq: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 key business and government customers, including 85 percent of the Fortune Global 500 and the world's leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.

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