# REFINITIV EVALUATED PRICING SERVICE

Transparent. Independent. Accurate.

### PRICING INFORMATION YOU CAN COUNT ON

Refinitiv Evaluated Pricing Service (EPS) is an independent, global evaluated pricing source covering over 2.6 million fixed income securities, derivatives and bank loans. Coverage spans all major financial markets and prices are available at multiple times daily. EPS evaluations, which provide detailed transparency and market insight, are designed to support asset managers, custodian banks, mutual funds, investment banks, accounting firms and financial research providers.

#### Extensive global coverage

 EPS provides evaluated pricing for all asset classes across all global markets

#### Asset class coverage

- Global government and corporate bonds including sovereign debt, investment-grade and high-yield bonds, convertible securities and money market instruments
- U.S. municipal bonds
- Mortgage-backed securities (MBS) including fixed- and floatingrate instruments
- Structured finance instruments including asset-backed securities (ABS), collateralized mortgage obligations (CMO), residential mortgage-backed securities (RMBS), commercial mortgage-backed securities (CMBS), collateralized loan obligations (CLO) and collateralized debt obligations (CDO)
- Interest rate, credit, commodity and equity derivatives and structured notes bank loans

#### Full-scale pricing service

- Comprehensive terms and conditions (T&Cs) support our evaluations every day
- Market color is actively monitored throughout the day and applied as appropriate to our evaluations
- Strict validation processes are in place to monitor tolerance breaks, unchanged prices, broker quote consistency and data integrity
- In-house and external pricing models are rigorously tested to handle large volumes and volatile market conditions
- Up-to-date market standards and procedures, coupled with our Statement on Standards for Attestation Engagements (SSAE) 18 certifications

#### Leading evaluators

With evaluators across the world, Refinitiv brings clients global coverage with local knowledge. Our professional and experienced evaluators apply consistent and transparent pricing methodologies, incorporating observable market data and standard market convention practices.

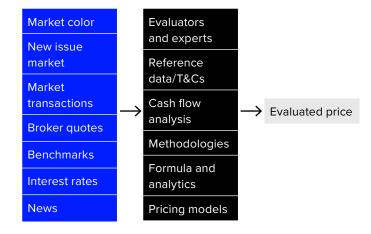
#### Delivery

- Evaluations are available throughout the day intraday and at standard market snapshot times
- Extraction flexibility is available through Refinitiv's DataScope Select and DataScope Onsite

#### Transparency

- Transparency is offered for all evaluations and includes price recipes, corresponding market color and other relevant data.
  Commentary is available for issues that break tolerance thresholds
- Direct access to an evaluator for price challenges is always available and allows clients to access additional color, clarification and validation. All challenges are addressed prior to the next day's pricing cycle

## Independent, transparent and accurate evaluations



## Extensive global content for all major asset classes

| ASSET CLASS                                | COVERAGE   | METHODOLOGY   |
|--|--|---|
| Global: Asia-Pacific                       | , EMEA, Americas   |   |
| Investment grade all                       | Australasian, EMEA and American markets  | Evaluated on nominal spread, discount margin or OAS basis depending on how the market trades a security or sector   |
| High yield                                 | Major issues priced. Other markets covered on customer request   | Individually evaluated, mostly on a price basis using the lead underwriter as primary source of information   |
| Emerging markets                           | Benchmark issues priced. Others priced on customer request   | Evaluated on spread or price basis  |
| Money markets                              | T-bills, commercial paper, CDs   | Evaluated on spread or discount rate basis  |
| Syndicated loans                           | Syndicated bank loans  | LSTA/LPC pricing methodology – average of bids and offers from the broker/dealer community  |
| Derivatives                                | Credit default swaps (CDS), interest rate swaps (IRS), total return swaps (TRS), over the counter (OTC) equity options and warrants, bond futures, currency options, swaps, forwards, caps and floors, swaptions, structured products and equity derivatives | Extensive library of analytics and market data  |
| Asset-backed securities, commercial MBS    | ABS, RMBS, CMBS  | Individually evaluated using historical and projected prepayment speeds and loss scenarios. Methodologies implemented using spreads obtained from market participants, trade prices and dealer quotes   |
| Convertible bonds                          | Convertible bonds and convertible preferred stocks   | Refinitiv's Internal convertible pricing model uses dealer quotes and a delta model incorporating a real time equity feed   |
| Collateralized debt obligation (CDO)       | ABS, CRE and TruPS   | Fair market value approach using cash flows that incorporate market observed prepayment speeds and loss rates and yields observed from trade prices and dealer quotes   |
| Collateralized Ioan obligation (CLO)       | Covering both broadly syndicated and middle market structures, across the entire capital structure   | Fair market value approach using cash flows that incorporate market observed prepayment speeds and loss rates and yields observed from trade prices and dealer quotes   |
| Americas                                   |  |   |
| Treasuries                                 | Bills, notes, bonds, STRIPS  | Refinitiv receives daily valuations on bills, notes, bonds and STRIPS from multiple contributors  |
| Agencies                                   | Discount notes, bonds, medium term notes   | Agencies individually evaluated on an OAS basis or nominal spread for non-callable issues.  |
| Fixed-rate mortgage pools                  | GNMA, FNMA, FHLMC: TBA, fixed rate, balloon and graduated payment  | All seasoned pools are priced off MBS TBA prices. TBA prices are obtained from market makers and live trading systems. Seasoned quotes are obtained from dealer community and trade prices  |
| Adjustable-rate<br>mortgage pools          | GNMA, FNMA, FHLMC: COFI, CMT, LIBOR, MTA   | Individually evaluated on a Bond Equivalent Effective Margin (BEEM) basis   |
| Hybrid – adjustable<br>rate mortgage pools | GNMA, FNMA, FHLMC: 3-1, 5-1,7-1, 10-1  | Priced by Z-spread to balloon date  |
| Agency CMO                                 | GNMA, FNMA, FHLMC: fixed-rate, interest only/principal only (IO/PO) simple and complex floaters and inverse floaters   | Individually evaluated using OAS and nominal spread; employ third-party prepayment and OAS models   |
| Non-agency RMBS,<br>Commercial MBS         | Multiple issuers: prime, Alt A, subprime, CMBS   | Individually evaluated using historical and projected prepayment speeds and loss scenarios. Methodologies implemented using spreads obtained from market participants, trade prices and dealer quotes   |
| Consumer ABS                               | Multiple asset types, including auto, credit card, student loans, recreational vehicle loans   | Individually evaluated on a nominal spread basis. Spreads obtained from trade prices and dealer quotes  |
| Municipals                                 | All municipal investment-grade and high-yield debt, including general obligation, revenue and assessment bonds, distressed and defaulted debt, taxable municipals and short-term markets   | All investment-grade as well as certain non-rated categories are priced with a credit curve-driven attribute model. High-yield, distressed and defaulted deb are hand priced. In all cases, sell-side, buy-side, underwriting and interdealer broker trading desks provide primary information and market color |
| Canadian mortgage-<br>backed securities    | Price valuations and analytics for over 10,000 instruments including all fixed-rate and floating prefixes  | Fair market value approach using cash flows generated from historical prepayment speeds and loss rates and spreads observed from dealer quote   |

## Why Refinitiv?

Reliable and consistent – In the current volatile market, our evaluated prices offer proven reliability and consistency.

Independent – We are an independent third-party pricing provider with no conflicts of interest since we do not originate, issue, trade, buy, sell or position these instruments.

**Expert team** – Our evaluated pricing service is delivered by a team of experts located around the globe, who are in constant contact with market participants.

# Visit refinitiv.com





