



# CORPORATE HEDGING SERVICES

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FIS Commodity Risk Manager

The background of the entire page is a dark green to teal gradient. In the lower half, there is a semi-transparent image of a man in a dark suit and tie, standing in a futuristic, data-driven environment. He appears to be interacting with or pointing at various digital screens and data visualizations, including line graphs and charts, which are overlaid on the background. The overall aesthetic is high-tech and professional.

## Risk Management Valuation Hedge Accounting

**Companies that hedge exposure to financial risks often transact infrequently, but must still comply with reporting, disclosure, regulatory and audit requirements. The human and technological resources necessary to support hedging programs can be costly. Generating the required reports is often time-consuming and outside the scope of the firm's core business.**

The decisions made throughout the hedging process are important and can have a lasting effect. Corporate hedgers transact with bank counterparties who often possess informational and technological advantages. FIS® Commodity Risk Manager is a managed service that can reduce the costs associated with hedging programs and narrow the information and technology gaps between corporate hedgers and their counterparties.

### FIS can help

Commodity Risk Manager provides customers with tailored valuation and risk reports that help them satisfy the latest accounting, disclosure, regulatory and auditor requirements. FIS' global team of capital markets experts leverages a best-in-class SaaS platform integrated with industry-standard models, sophisticated analytics and a library of independent and accurate market data. Our team of experts helps customers interpret the dynamics of the hedge portfolio, provides transparency into the modeling, analytics and market data, and is on hand to offer further assistance, as necessary. Each report includes a customized commentary to help companies understand how market variables have affected their portfolio valuation and risk. FIS services customers who hedge in the interest rate, foreign exchange and commodities markets.

Using industry-leading modeling and analytic capabilities, FIS can help companies to evaluate financial exposures and to choose the strategy and instruments that best align with their risk tolerance. FIS works with customers to identify the choice of instruments and tenors that will most effectively offset the relevant financial risks and achieve the desired hedge accounting treatment. FIS also offers C-level and board-level advisory on best practices in valuation and risk management.

Helping to reduce hedge program costs and level the playing field between corporate hedgers and their counterparties

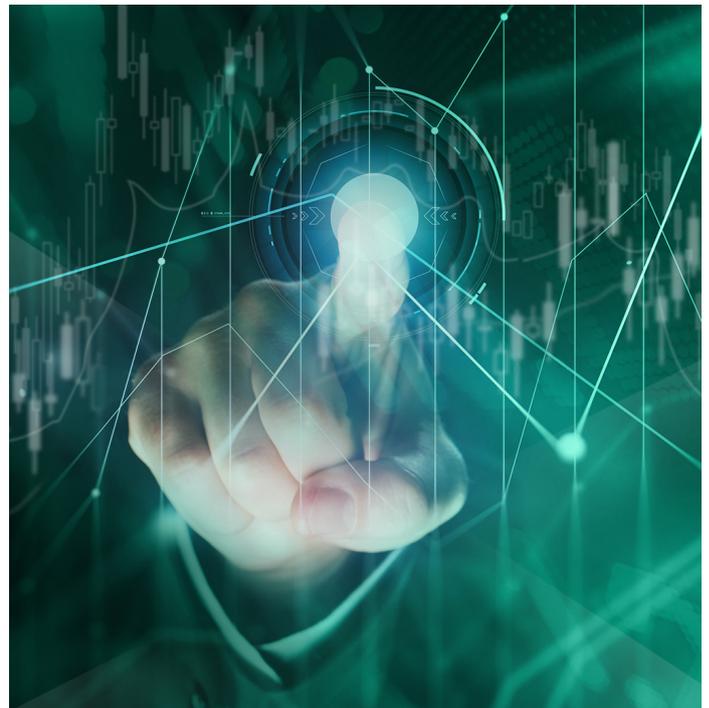
## Key benefits

Commodity Risk Manager helps its customers:

- Reduce the cost of managing a hedging program
- Reduce the operational burden and improve efficiency
- Reduce operational risk
- Optimize hedging strategies
- Access a global team of seasoned capital markets experts

FIS' experts work with corporations around the world, helping them to execute the right strategy using the right derivative instrument – at the right price. Easing the operational burden associated with various reporting requirements allows each company to focus on its core business.

Leverage the resources of a trusted partner that has already invested in best-in-class market data, risk management technology and financial reporting expertise.



## Why use Commodity Risk Manager

### Leverage FIS' market data

Each day, FIS' global team of market data analysts publishes the industry-leading library of independent and accurate market data. Used by hundreds of companies worldwide, the market data library consists of 1,000+ spot rates, forward curves and volatility surfaces, and spans the commodities, interest rates and foreign currency asset classes.

### Apply best-in-class models and expertise

FIS' team of capital markets experts leverages this best-in-class application to generate a suite of tailored reports for each customer. Commodity Risk Manager offers a secure trade capture repository and an integrated library of market data, along with a suite of sophisticated models, analytics and report-generating tools. The valuation and risk models within Commodity Risk Manager have been developed, tested and maintained by the industry's most respected financial engineers and quantitative analysts. These same models are used by major banks around the world.

### Independent

FIS is SSAE 16-compliant and is an independent and unbiased partner devoted to each customer's interests.

### Data security

Data security is of paramount importance. Customer data is secured in a state-of-the-art, Tier 4 data center, owned and operated by FIS Availability Services. All data is constantly replicated in a secondary data center for the purposes of disaster recovery and business continuity. FIS provides access to a SOC-1 report upon request.

### Comprehensive

Commodity Risk Manager covers a broad range of asset classes, including:

- interest rates
- foreign exchange
- crude oil
- refined products
- natural gas
- metals
- agriculture
- electricity
- freight
- weather
- coal
- emissions

### Quick to deploy

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- Choose only the services required... to minimize cost and maximize efficiency
- Commodity Risk Manager provides a customized suite of reports available in a variety of formats and delivered on a weekly, monthly or quarterly basis. The reports can be seamlessly integrated with existing company systems, such as a general ledger. FIS' global team of capital markets experts provides a detailed explanation of the market variables affecting the performance of each hedge portfolio. FIS offers a tiered menu of services, including:
  - Valuation bundle
  - Credit-adjusted mark-to-market reporting (ASC 820 and IFRS 13 fair value accounting requirements)
  - Counterparty valuation reconciliation (Dodd-Frank and Sarbanes-Oxley requirements)
  - Settlement reporting
  - Risk Management bundle
  - Portfolio stress testing
  - Position report (with % hedged)
  - Value-at-risk (VaR) report
  - Conditional value-at-risk (CVaR) report
  - Cash flow-at-risk report (CFaR) report
  - Potential future exposure (PFE) report
  - Greek sensitivities report
  - Hedge Accounting bundle
  - Effectiveness testing
  - Hedge relationships
  - Hedge documentation
  - Hedge accounting reports



## About FIS

FIS is a leading provider of technology solutions for merchants, banks and capital markets firms globally. Our more than 55,000 people are dedicated to advancing the way the world pays, banks and invests by applying our scale, deep expertise and data-driven insights. We help our clients use technology in innovative ways to solve business-critical challenges and deliver superior experiences for their customers. Headquartered in Jacksonville, Florida, FIS is a Fortune 500® company and is a member of Standard & Poor's 500® Index.

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