

Don't get lost in translation: FEA industry leading analytics can talk to your deal capture system.

Product Description

ProStorage is a gas storage valuation and optimization tool jointly developed by FEA and HOC. ProStorage is an enterprise application which integrates trade data, market data, and pricing analytics seamlessly into a single user-friendly application. It is powered by the renowned FEA @ENERGY/Storage analytics to provide natural gas producers, consumers marketers, and storage operators with decision support and valuations for the most complex gas storage contracts.

Main Benefits

- Seamlessly bridges trade data, market data, and pricing engine into a single application.
- Integrates industry standard analytics to provide accurate and reliable price levels.
- Facilitates regulatory compliance with an audit trail down to the field level.
- Optimizes day-to-day injection/withdrawal decisions.
- Makes data manipulation easier with an intuitive and user-friendly interface.

Key Features

Automated upload of trade and market data. ProStorage interoperates with leading deal capture systems.

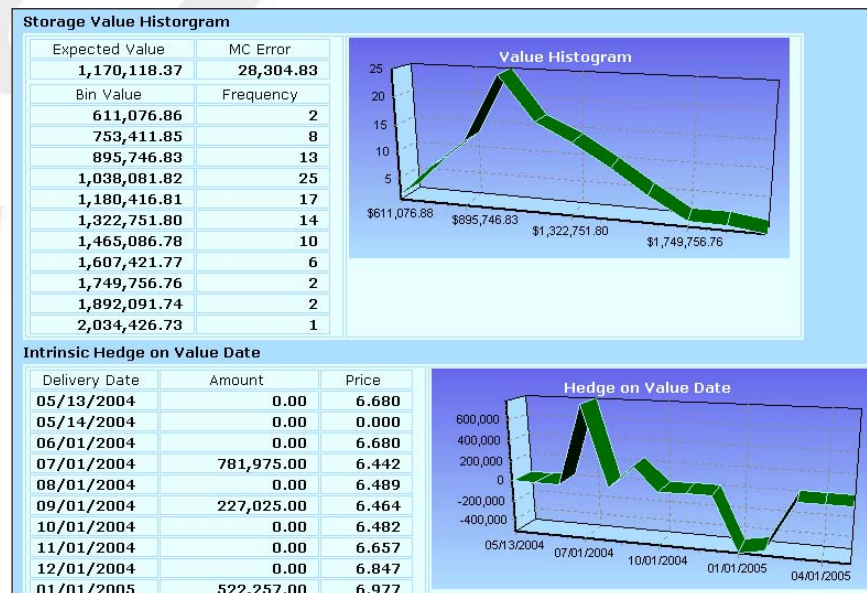
Comprehensive Contract Definition. ProStorage covers a comprehensive set of storage contract provisions and operational characteristics:

- General Specifications — capacity, inventory start level, contract start and end dates, variable injection/withdrawal intervals (day, week, month).
- Inventory Payout and Penalty Provisions — variable payout structures for inventory borrowed or loaned at the end of the contract term.
- Operational Constraints — a schedule for variable injection/withdrawal rates and costs as functions of discrete inventory levels (or "ratchets").

Multiple Trading Strategies. Several trading strategies are considered in contract valuation:

- Intrinsic — trading spot and forward contracts on value date.

View expected future profitability and hedge schedule





ProStorage is powered by the same calculation engine as @ENERGY/Storage.

@ENERGY is the most widely used and accepted set of derivatives analytics in the energy industry.

9 of the top 10 US energy companies* have chosen @ENERGY.

*Based on Platts ENERGY Business and Technology, Feb. 2004



- Optimal — trading spot using optimal buy/sell rules to maximize expected profit.
- “Rolling” Intrinsic — rolling of the Intrinsic hedge of spot, BOM and forward transactions.

Multiple Pricing Models. ProStorage provides the choice of two different price evolution models.

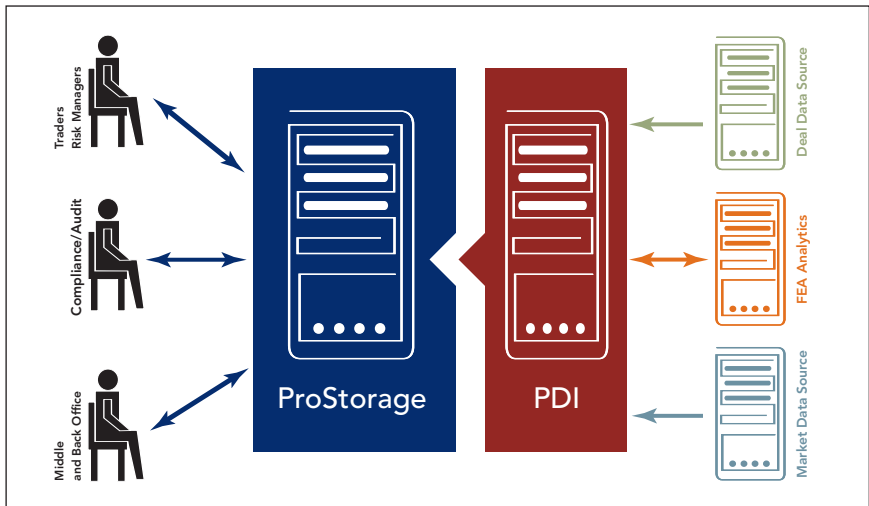
- The one-factor, log-normal mean-reverting model.
- The FEA’s multi-factor seasonal principal component analysis forward curve model.

Optimized Speed. ProStorage computational performance is a direct result of highly efficient code implementation — whether it applies to the trinomial tree for the one-factor model or to a choice of solvers for the multi-factor model.

Technical Requirements

System	Hardware Requirements (minimum)	Software Requirements
Oracle database Server	Pentium IV processor, 1.0 GHZ or faster, 2 GB available disk space, 512MB RAM (1GB recommended)	1. Windows 2000 /XP or NT OS 2. Oracle 8i/9i Server 3. Oracle 8i/9i Client
PDI (ProStorage Data Interface layer)	Pentium III processor, 500 MHz or faster, 50 MB free HDD space (100 MB recommended), 256 MB RAM (512 MB recommended)	1. Windows 2000 /XP or NT OS 2. Microsoft Excel 3. Windows Scheduler 4. Oracle 8i/9i client, with SQL Loader
Client for ProStorage	Pentium III processor, 500 MHz or faster, 50 MB Free HDD space, 256 MB RAM (512 MB recommended)	1. Windows 2000 /XP or NT OS 2. Microsoft Excel 3. Oracle 8i / 9i client

Software Architecture



PDI uses ‘PULL’ technology to populate temporary oracle tables with data from the accounting and trading systems. PDI is not designed to ‘PUSH’ data into other systems.

For More Information

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