Davidsohn Global Technologies, Inc.®
Preeminent Service™

UTOPIA™

REAL-TIME CREDIT / RISK SYSTEM

ARE YOU EFFECTIVELY MANAGING YOUR CLIENT CREDIT AND RISK EXPOSURE?

Davidsohn Global Technologies, Inc.® Utopia™ product is a multi currency credit/risk management system that provides Broker Dealers with access to actual or hypothetical client credit and risk information on a real-time basis. It has an extensive calculation library that supports margining under Reg T / Rule 431 and Customer Portfolio Margining.

To be eligible for Customer Portfolio Margin, the NYSE requires broker dealers to have a sophisticated intraday monitoring system with the ability to re-price accounts throughout the day. Utopia accepts real-time and intra-day trade and pricing feeds, calculates results that can be accessed online or in pre-configured reports, and is fully compliant with Federal and Exchange regulatory requirements.

EXTENSIVE OPTIMIZED CALCULATION LIBRARY

- Multi-Currency
- Multi-Entity
- Multi-Product
- Reg T / Rule 431
- Customer Portfolio Margin
- Day Trading

CUSTOMER PORTFOLIO MARGIN

- Sophisticated Intraday Monitoring
- Stress Testing
- Day Trading Based on $5M Equity Rule

WHAT IF ANALYSIS

- Separate Database
- Hypothetical Trades
- Compare Reg T and CPM Calculations

REAL-TIME CREDIT / RISK MANAGEMENT

- Real-Time
- Intraday

REPORTING

- Real-Time
- Exception Based
- On Demand

PRODUCT FEATURES

Extensive Optimized Calculation Library

- Multi-Currency / Multi-Entity / Multi-Product
- Calculations
  - Reg T / Rule 431
  - Customer Portfolio Margin
  - Day Trading
  - Risk Based Haircuts
- Optimized for performance and accuracy
- Calculates requirements in local & rollup currency

Customer Portfolio Margin

- Sophisticated intraday monitoring
- Stress testing (scheduled or on demand)
- Day Trading calculation based on $5M equity rule
- Compliance monitor and alert notification
- Securities eligibility validation
- Minimum equity validation
- Rule 431 margin treatment for non-eligible securities
- CPM House and SRO requirements
- Margin call alerts / exception screen / reports
- Call aging / tracking and closing

What If Analysis

- Separate "What If" database that does not impact production
- Apply hypothetical trades, journals and prices
- Comparison of Reg T / Rule 431 margin calculations to Customer Portfolio Margin calculations by account
- Simulate scenarios tailored to client objectives to maximize profit and avert loss
- Rehearse credit scenarios and action plans in response to evolving market conditions

Real Time Credit / Risk Management

- Real-time query and online viewing
- Intraday calculations and reporting
- Concentration / liquidity requirement adjustments
- Highly adaptable, offering a full range of exception reporting and customizable notification options
- Instant evaluation of trade results
- Assesses and/or monitors risk exposure and regulatory requirements for Retail, Prime Broker, Market Maker, Leveraged Financing Offshore and Global accounts
- Creates family of accounts (up to four levels)
- Interprets the credit impact of complex trading scenarios
- Automatically determines optimal credit to extend on securities collateral
- Ability to apply cross currency hedges

Reporting

- Real-time and intraday reporting
- Customizable exception reporting
- Pre-configured reports
- Automatic report generation after completion of start of day processing
- On Demand reporting
- Reports can be viewed online, saved as PDF and printed
- Data export to Excel and other formats
- CPM Reporting
- Margin Exception Reporting
- Compares scenarios to baseline records on a standardized or customized basis

UTOPIA™

REAL-TIME CREDIT / RISK SYSTEM

EXCEPTION PROCESSING

- Identify Fed, House and Maintenance Calls

SYSTEM FLEXIBILITY

- Recalculation by Account
- System Overrides
- Manual Trades and Journals

TECHNICAL FEATURES

- Open Database
- Data Export
- Browser Based Graphical User Interface
- Available as Davidsohn Software-On-Demand™

PRODUCT FEATURES

(continued)

Financial Instruments Supported

- Equities (Domestic, Foreign, ADR's)
- Options (Equity / Index / Currency)
- Municipal Bonds
- Corporate Bonds (Convertible / Non-Convertible)
- Government Bonds
- Zero Coupon Obligations
- Fixed Income Derivatives
- Non Convertible Corp Bonds
- Single Stock Futures
- Treasuries
- Credit Derivatives

Credit Analysis

- Determine credit availability & apportionment across client accounts
- Reconcile credit differences detected during credit requirements recalculation

Exception Processing

- Identify all accounts for a given margin exception condition (e.g. Fed Call, Maintenance Call, House Call, or custom exception criteria etc.)
- Identify all exceptions violated by a specific account or family of accounts

System Flexibility

- Recalculates credit requirements by account
- Overrides credit requirements by account, country, currency, CUSIP, industry and security
- Manual trade and journal entries
- Account recalculations can be launched on an "account-affected trigger" basis or manual user request

Start of Day Calculation Preparation

- Data required for start of day processing
  - Accounts
  - Positions
  - Balances
  - Products
  - FX Rates
  - OCC Tims Data (CPM Only)
  - Trades
  - Journals
  - Pricing

Intraday Calculation Preparation

- Data required for real-time / intraday processing
  - Trades
  - Journals
  - Pricing

Technical Features

- Full security and audit trail
- Innovative browser based Graphical User Interface
- Open database for custom query, report writing and data export
- Export data to downstream books and records systems
- Processes multiple data loads for global functionality
- Available as Davidsohn Software-On-Demand™

For Additional Product Information:
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