

Version 15 Highlights

The New Market Standard

Calypso continues to advance its state-of-the-art business functionality, and Version 15 is the latest iteration in that pursuit. Built on Bank-in-a-Box™, v15 continues our push for standardized and efficient solutions to the critical challenges facing financial institutions today.

Front Office

Version 15 is headlined by the Front-Office Workstation (FOWS), a fully configurable command center designed specifically for front office personnel. FOWS includes:

- Passive and active market data viewers
- Real time ticking risk and P&L
- Bespoke pricers

Through the workstation, users can see risk and P&L for linear and vanilla option products instantaneously using Calypso's new pricing-cube technology.

FOWS also simplifies the process of loading new trades into Calypso. Bonds, FX, and interest rate derivatives each have their own custom trade capture interface.

Calypso has also added support for a range of new FX, interest rate, and equity products, and built powerful new analytics for inflation derivatives and exotic FX options.

Back Office

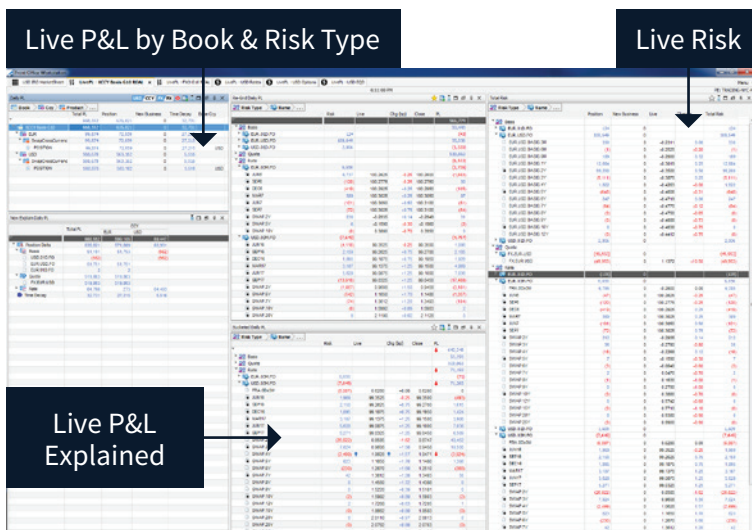
Version 15 also delivers several major enhancements for back office users. The focus of v15 is reducing total cost of ownership, accelerating time-to-market, and improving responsiveness to regulation.

The workflow UI has been fully redesigned, incorporating new analysis tools and increased functionality.

V15 also improves the navigation and usability of the Operations and Management Dashboard (aka, Task Station). Enhancements include: new alert panels, expanded escalation capabilities, global filtering, user-defined task summary, and flexible configuration rules.

The latest version also delivers new KPI architecture as well as advanced document and confirmation management solutions.

For regulatory compliance, v15 supports DTCC trade repositories and real-time, cross-asset trades for five jurisdictions (Dodd Frank, EMIR, Canada, Singapore and HK).



The v15 Front Office Workstation: Live P&L and Risk

Key v15 Features

- New Front Office Workstation
- Redesigned Task Station
- Basel compliant risk calculations (SA-CCR, FRTB)
- New platform monitoring dashboard
- Order management capability for investment managers
- Intraday liquidity reporting
- IOSCO-compliant collateral module
- New listed clearing solution

Risk Management

Version 15 delivers key enhancements to our risk management capabilities, including support for the standard and advanced methods for measuring both counterparty credit risk and market risk. It allows institutions to comply with the following Basel regulatory initiatives:

- BCBS 279, the Standard Approach to Counterparty Credit Risk – also available as a standalone Web service
- BCBS d352, the Fundamental Review of the Trading Book

In addition, v15 includes a simplified Limits platform that delivers faster performance. V15 also includes improved risk monitoring and diagnostic tools to provide near-real time system support.

Technology Enhancements

Version 15 introduces a number of important infrastructure enhancements that improve the usability, security, performance, and scalability of the platform. Highlights include:

- New Monitoring Dashboard – displays real-time metrics about memory/CPU capacity and operation throughput
- Multi-server Deployment – new configuration options allow easy out-of-the-box installation of Calypso across a cluster of machines
- Simplified DB Upgrade – database upgrade utility has been enhanced to improve usability and better integration with modules

Investment Management

Version 15 introduces exciting new functionality for investment managers. Key enhancements include:

- Portfolio Workstation – New components (liquidation, top performers, orders, etc.), multi-sensitivity analysis, and easy export of reports
- Fund of Fund Lookthrough - Run reports on sub-portfolios down to holding level and slice/dice portfolio and risks by any criteria
- Order Management – Initiate orders directly from the Portfolio Workstation. The system calculates order amounts based on weight/risk targets, or users can simply select the quantity they wish to trade. Orders can then be processed and routed to brokers and trading venues.

Treasury

The most important v15 Treasury enhancements include support for the new BCBS intraday liquidity reporting requirements:

- Daily max intraday liquidity usage
- Available intraday liquidity (start of day)
- Total payments
- Time-specific obligations
- Value of payments made on behalf of correspondent banking customers
- Intraday throughput

V15 also includes improvements to the balance sheet risk management module and a new forward ladder drilldown feature.

Collateral Management

Version 15 introduces a number of improvements to our collateral management module. Most importantly, we've added several enhancements to help clients meet upcoming regulatory mandates, including an IOSCO-compliant ISDA SIMM margin solution. Benefits include:

- Margin calculation based on imported or calculated risk factors
- Compatibility with TriOptima/TriResolve format
- Compliant with BCBS261, ISDA SIMM, US and European regulations
- Multiple calls on a single CSA (Pay and Receive Initial Margin / Currency SILOs)
- Wrong Way Risk based exclusion
- Cross Currency Haircuts based on Termination Currencies
- Regulatory Concentration Limits

We have also improved our optimization algorithms and our support for investment managers (e.g., users can aggregate at the fund level).

Clearing

Calypso is launching the first version of our listed clearing back office solution in v15, strengthening our portfolio of solutions which already includes our best-in-class OTC clearing solution. Investment will continue after v15, but in this version users can leverage:

- Real-time processing
- Native SPAN and VaR IM calculation
- Collateral management
- Integration with OTC clearing activities
- Access to data for report building and reconciliation
- Client statement supporting backdated activity and balance corrections

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