

brochure

# setting the pace in an evolving fixed income accounting arena...

The pressures placed on back and middle offices are ever-increasing, assets are more complex, there are more stringent regulatory requirements, while the number of people assigned to treasury operations is commonly reducing. To mitigate operational risk, banks, credit unions, correspondent processors and fixed income broker-dealers need to automate workflows, apply significant controls and adopt exception management-based processes, wherever possible.

*“Quite simply: these institutions need to constantly achieve lots more with less human intervention.”*

## our solution

Paragon is a fixed income portfolio accounting solution, processing bonds and money market instruments based on three primary business functions:

### **TRADE CAPTURE - PROCESSING - REPORTING**

Paragon provides comprehensive, exceptions only, unattended processing - able to manage high volumes and complex instruments. This front-to-back office accounting and processing solution addresses complex compliance requirements, transaction processing workflows with strong and flexible reporting.

Paragon ties together the front, middle and back office with dashboards that give a real-time view of the bank's activity. Users have total control with integrated tool kits to make adjustments to exceptions as they arise.

Clients benefit from automated processes that get the job done right every time. This expedites the close of each accounting period, knowing all accounts are reconciled. With hundreds of banks depending on Paragon, our advocates are controllers, treasurers, wealth managers and CFOs, all benefiting from our reporting, audit and regulatory expertise.

## our value and benefits

Paragon takes a modular approach to solving your key strategic and tactical objectives providing a tailored solution set. Our offerings span many complex business needs:

### **FLEXIBLE ACCOUNTING.**

Customization, ease of use, scalability, and reliability - consolidating multiple operational processes, clients benefit from significant cost savings and a faster return on their investment.

Paragon can administer varying accounting methodologies under GAAP, using level yield or constant yield methods to calculate accretion and amortization.

### **ROBUST REPORTING.**

Disseminating targeted reports quickly and securely, enabling clients to adapt and grow in a variety of ways without compromising data integrity.

### **OPTIMIZE COLLATERAL.**

Collateral management is a hands-free process by utilizing Auto Collateral Assignment(ACA), while Auto Collateral Evaluation(ACE) ensures the best use of your high-quality liquid assets.

### **CORRESPONDENT PROCESSING.**

Paragon facilitates the processing for hundreds of financial institutions - providing the flexibility your customers require.

### **RECONCILIATION PROCESSING.**

Advanced exception management processing facilitates the maintenance of thousands of records at multiple custodians. Reconciling positions and payments can all be done in minutes with automated reconciliation.

### **DEPLOYMENT OPTIONS.**

Installed locally or with your hosted service provider or management by us via a fully managed cloud service....you choose the deployment method that works for you.

## TRADE CAPTURE

Paragon captures trades in multiple ways: a) directly from an OMS platform, b) via a manual trade capture screen – c) via the Paragon HubEDGE application.

CMS & Trade Entry

## PROCESSING

Paragon accounting engine handles a variety of investments for both short and long-term instrument types – Paragon utilizes automated processing to create an unattended workflow, designed around exceptions based processing.

System Data Feeds  
e.g. LIABILITY/CUSTODIAN/GL/ACH



paragon.

Extracts & Reports

Reference/Static  
Data Sources

- Accounting
- Regulatory compliance
- Risk Management
- Reporting
- Sweep Processing
- GL Processing
- Reconciliation

Book of Records

## REPORTING

Paragon offers facilities to customize standard report outputs or an embedded, fully customizable reporting tool to comply with your business requirements.

## integrated portfolio accounting

US banks use Paragon to remove the problem of managing and updating multiple systems that perform business critical tasks within their fixed income portfolios. Paragon's platform consolidates and improves information flows to aid key decision making, while ensuring users meet all related federal compliance requirements.

The accuracy and speed of processing saves time to process and communicate trade information. Coupling robust accounting with automated workflows allows users to streamline the flow of information from the front to middle to back office systems and operations teams with completely unattended processes.

In a nutshell, Paragon manages complex instruments with ease and our aim is for our team to be an extension of our clients' treasury department.

## experts in deployment - cloud is a choice

We recognize that our clients need choices when considering system deployment. Choices that meet our clients' operational demands, delivery approach and IT strategies. Corfinancial offers the flexibility clients expect.

- A** Install Paragon locally on their internal servers within existing network infrastructure.
- B** Deploy Paragon in an existing private cloud environment.
- C** Opt for our hosted cloud services - managed client installations in client-specific environment: monitoring, servicing and managing infrastructure.

Paragon is also built to interface with a multitude of internal and external systems making for easy deployment.

## multi-asset class

Paragon is a multi-asset class solution that provides all the functionality required to support fixed income accounting.

### **BONDS (LONG TERM INVESTMENTS)**

When managing bonds, Paragon provides the flexibility and industry expertise to support processing from trade capture through to regulatory reporting across many fixed income classes. Such bond types include: MBS (Mortgage Backed Securities), CMO (Collateralized Mortgage Obligation), Municipals, Treasuries, Corporates, Agency bonds and many others.

### **MONEY MARKETS**

Paragon has your funding desk instrument coverage supported and completely integrated. Paragon supports many types of money market instruments including: Repurchase Agreements (assets), Reverse Repurchase Agreements (liabilities), CDs (Certificate of Deposits), CP (Commercial Paper) and Fed Funds.

### **DERIVATIVES**

Paragon is also able to support the processing of Swaps, Caps, Collars and Floors from deal inception to accounting and reporting customer facilitations, portfolio hedging for interest rate exposures.

# paragon solution

SETTING THE PACE IN AN EVOLVING FIXED INCOME ACCOUNTING ARENA.

efficiency

Predefined workflows and exception-based processing with robust standard reports

flexibility

Client specific system configuration and connectivity

scalability

From small local banks to tier one institutions - processing power to support extensive processing and calculations

control

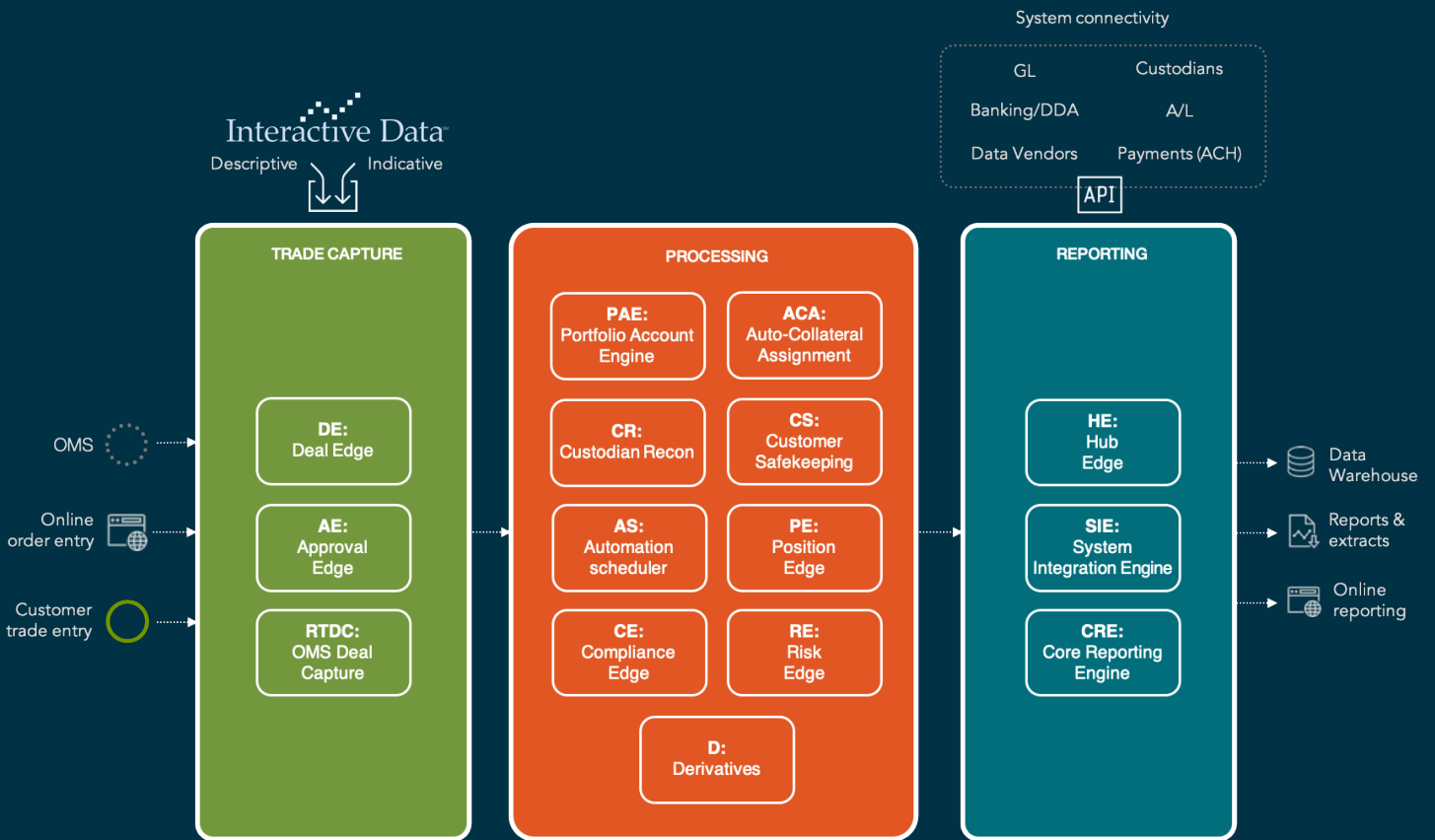
Enhanced user experience with exception based processing along with effective data structures – no garbage in/garbage out - validation in front-end to reduce data issues in back-end

choice

Deployment options that suit various organizational needs

Deal Edge   Approval Edge (DE/AE)	Conduct all deal entry through a web-based portal. CUSIP details are built automatically within the system, supplemented by ICE data.	<ul style="list-style-type: none"> <li>Streamlined trade entry</li> <li>Consistent and hands-free CUSIP builds</li> </ul>
Real-Time Deal Capture (RTDC)	Order Management System (OMS) integration that captures full trade details and security master information.	<ul style="list-style-type: none"> <li>Streamlined front to back office trade flows</li> <li>Eliminates duplicate entry by the back office</li> <li>Reduces manual entry errors</li> </ul>
Portfolio Accounting Engine (PAE)	Core portfolio engine delivering front to back office processing for fixed income accounting, collateral management, funding instruments, and pledging.	<ul style="list-style-type: none"> <li>Fast and reliable processing and reporting</li> <li>Accurate accounting resulting in smoother audits</li> </ul>
Risk Edge (RE)	Risk activities are constantly monitored and quantified in real-time against bank investment policy.	<ul style="list-style-type: none"> <li>Immediate violation notification</li> <li>Management risk dashboard</li> <li>Eliminates human error</li> <li>Measure enterprise-wide risk in a single view</li> </ul>
Compliance Edge (CE)	Simplifies the required analysis and reporting for the complicated regulatory compliance under Dodd Frank's pre-trade due diligence and post-trade monitoring.	<ul style="list-style-type: none"> <li>Smoother audits</li> <li>Simplified regulatory reporting</li> </ul>
Automation Scheduler (AS)	Performs automated tasks on scheduled basis – updating market data, performing evaluations, completing the end of day accounting and reporting procedures.	<ul style="list-style-type: none"> <li>Exceptions based processing</li> <li>Remove human-error</li> <li>Fast and efficient processing</li> </ul>
Derivatives (D)	Supports accounting and reporting needs for derivative and hedging activity, processing swaps, caps, floors, collars and corridors.	<ul style="list-style-type: none"> <li>Integrates with Collateral Management</li> <li>Unified solution for Fixed Income and derivative contracts</li> </ul>
Position Edge (PE)	Portfolio management and collateral requirements neatly pulled together in one view.	<ul style="list-style-type: none"> <li>Immediate access to portfolio holdings and activity</li> <li>Enhanced capital usage</li> <li>Easily manage holdings</li> </ul>
Auto-Collateral Assignment (ACA)	Collateral management becomes a hands-free process, Paragon assigns collateral to positions based on customer or bank preferences.	<ul style="list-style-type: none"> <li>Collateral is managed more efficiently</li> <li>Allows preferences to be determined by customer or the institution</li> </ul>
Custodian Recon (CR)	Automated custodial reconciliation compares inventory and payments in Paragon to reports from custodian.	<ul style="list-style-type: none"> <li>Saves time and money</li> <li>Easily configured to address client-specific needs</li> </ul>
Customer Safekeeping (CS)	Collects payment information for securities held for safekeeping. Supports customer position pledging and interfaces to internal systems such as DDA/TDA accounts.	<ul style="list-style-type: none"> <li>Provides full bond-dealer support including as-agent trades, free deliveries and trading as principal</li> </ul>
System Integration Engine (SIE)	Integrates multiple core banking systems such as general ledger, asset liability management, payments and regulatory reporting.	<ul style="list-style-type: none"> <li>Streamlined processing</li> <li>Improved data accuracy</li> </ul>
Hub Edge (HE)	All reports stored in a central, self-service repository. Notifications are given when new reports are available based on agreed permissions.	<ul style="list-style-type: none"> <li>Improved internal client services (self-service)</li> <li>Hassle free report distribution</li> </ul>
Core Reporting Engine (CRE)	Core reporting engine consists of three main features: standard reports, extracts and the custom report builder.	<ul style="list-style-type: none"> <li>Extensive standard reports to service all of your needs</li> <li>Time savings by running up to 7 reports at a time</li> <li>Ensures reports are only accessed by the right staff</li> </ul>

# module map



A standard model approach, a solution that removes integration complexities, operational hurdles and technical challenges



Email: [info@corfinancialgroup.com](mailto:info@corfinancialgroup.com)

Visit: [corfinancialgroup.com](http://corfinancialgroup.com)

### About corfinancial

corfinancial provides software solutions and advisory services to banking and financial services organisations worldwide. The firm has offices in London, New York and Boston.

There are five key problem areas corfinancial looks to solve through its primary software and service offerings:

**BITA Risk** provides modular end-to-end private client suitability, portfolio management, risk, ESG and monitoring oversight solutions; brought together in BITA Wealth to mirror and systemise the investment process of wealth managers and private banks and available individually for CIO and investment teams.

**Salerio** is a post-trade processing solution that enables asset managers, hedge fund managers and securities/fund services firms to automate the flow of securities and treasury trades from matching through settlement.

**SureVu** empowers buy- and sell-side firms to efficiently monitor and track security trades throughout the settlement lifecycle, enabling users to proactively manage and oversee settlement exposure.

**Paragon** is a comprehensive front-to-back office fixed income portfolio accounting, processing and reporting solution for banks.

**Costars** is an investment administration platform for third party administrators, fund supermarkets and wealth management companies.

other solutions from

## corfinancial.

london | boston | new york

 bitarisk.

End-to-end private client suitability, ESG, risk and portfolio management with enterprise monitoring and oversight.

 costars.


Retail fund/transfer agency solution providing end-to-end administration for collective investments.

 salerio.

Automates the flow of securities and treasury trades from matching through to settlement.

 SureVu.

Track security trades throughout the settlement lifecycle to manage and oversee settlement exposure.

corfinancial is a trading name of COR Financial Solutions Limited and its subsidiaries. The corfinancial ring logo <sup>®</sup>, CORFINANCIAL<sup>™</sup>, COR FINANCIAL<sup>®</sup>, BITARISK<sup>™</sup>, BITA RISK<sup>®</sup>, BITAWEALTH<sup>™</sup>, BITA WEALTH<sup>®</sup>, CO STARS<sup>®</sup>, CO-STAR<sup>®</sup>, PARAGON<sup>®</sup>, SALERIO<sup>®</sup> and SUREVU<sup>®</sup> are all trademarks of COR Financial Solutions Limited or its subsidiaries, registered or otherwise.

©COR Financial Solutions Limited 2020. All rights reserved.