



ISO 9001:2008 Company












IBN[®]

*Extensive Array of
Customized Solution*








IBN HF/FOF SERVICE PROFILE

This Profile is to.....

Explain the Services that IBN Technologies renders to HF/FOF Segment in US, UK & European Market

-  IBN's Experience Overview
-  Service Summary
-  Back & Middle Office Services
-  Price Tracking Services
-  IBN Smart Hedge
-  Performance Tracking & Chasing
-  Quantitative Analysis
-  Fund Administration
-  IT Support Services
-  IBN Value Proposition
-  Back Office Outsourcing

Experience Overview

-  IBN suite of services for the FOF Industry encompasses the entire range of Middle & Back Office, Quantitative & Risk Analysis, Fund Administration and IT Support activities.
-  IBN act as an extension to our client thereby allowing the Fund Manager to focus on core activities like Investor Acquisition, Trading and making Investment decisions
-  Team consist of Experienced and Certified Professionals with over 6 years of experience in Finance & Investment domain.
-  Back Office and Quantitative & Risk Analysis Services to UK based Fund of Hedge Fund with AUM of \$2 Billion
-  Traditional Fund Administration Services to US based Hedge Funds with AUM of \$25 Millions
-  IT Support Services to Investment Management Company in UK, developed API for Paxus Software.
-  Financial Accounting Services to US based Investment Management Company.
-  Administration Services to US Investment Management Companies with AUM of over \$50 Millions

Services Summary

Back & Middle Office Services

- Fund Accounting
- Reconciliation Services
- NAV Calculation
- System Updates
- Monthly Financial Statement Preparations
- Performance Tracking & Chasing Services

Quantitative Analysis

- Performance Analysis
- Statistical Analysis
- Risk/ VAR Analysis
- Portfolio Optimization
- More High End Quantitative Research

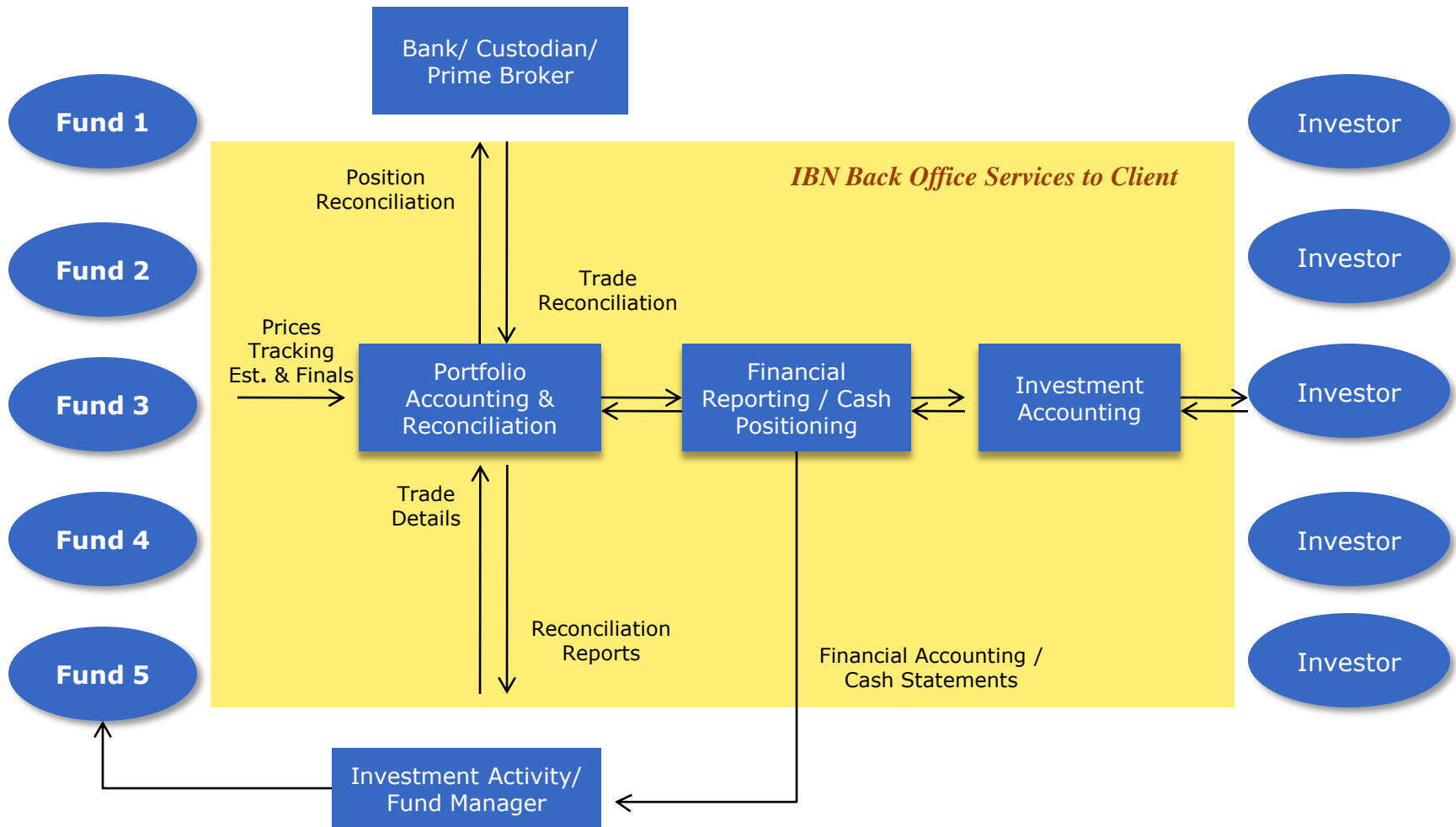
Fund Administration

- Fund Accounting & Monthly Financial Statement Preparation
- Daily Portfolio Accounting & Reconciliation Services (Cash, Trade & Position)
- Handle Subscriptions, Redemptions & Transfer
- Audit Assistance & Tax Preparation

Reporting

- Preparation of Performance Reports – Overall FOF Performance, Strategy Wise, Individual Strategies, etc
- Composition of Holding
- Graphical Representation
- Batch Reporting using defined parameters
- Publish Investor Statement

Services Summary



Back & Middle Office Services

Accounting

- Trade Capture and Processing
- Trade / Position Reconciliation
- Cash / Collateral Reconciliation
- Performance Data gathering
- Corporate Action Processing
- Net Asset Value Computation
- Preparation of Financial Statements

Performance Measurement

- IRR Calculation and comparison against benchmarks
- Assessment of Portfolio Liquidity Position
- Compilation of Leverage across Portfolio
- Performance Attribution

Investor Services

- Investor Reporting
- Partnership Accounting
- Redemption & Subscription Request processing

Fund Accounting

- Income Booking, Expense Accruals, Monthly Closing
- Calculation of Performance, Mgmt and Incentive Fees
- Pricing & Portfolio Valuation on Month End
- Calculation of Monthly NAV
- Preparation of Monthly Financial Statements
- Preparation of Monthly Gain/Loss Reports
- Maintenance of Fund Accounting Books and Records

Price Tracking Services

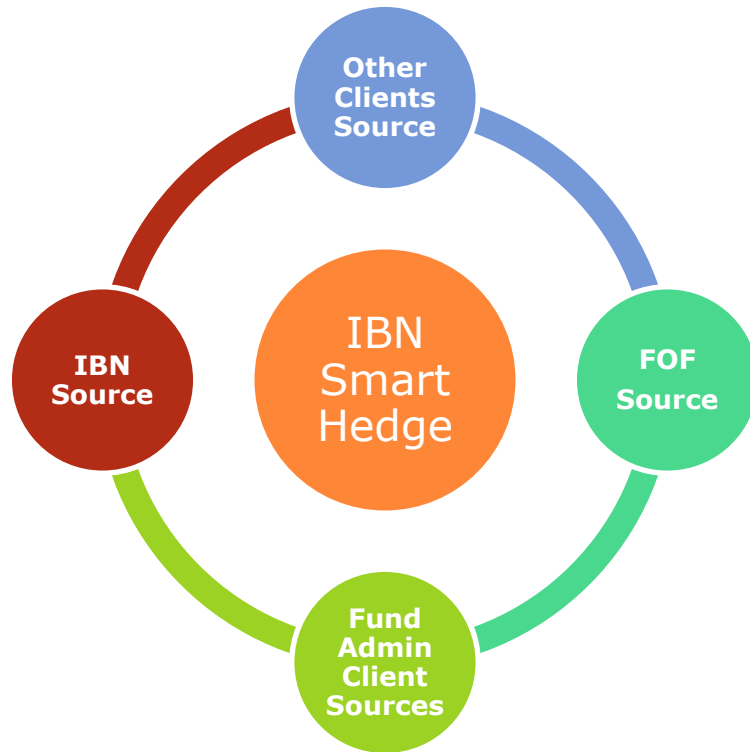
Performance Tracking

Our Performance Tracking outsourcing services includes updating fund returns on client's software. Returns can be in terms of NAV, MTD, or YTD, which can be current or estimated. IBN Process Team accurately track fund performances which helps the client in making effective and timely investment decisions.

Performance Chasing

Our Performance Chasing outsourcing services includes chasing funds performances which are not available. It includes following up with Funds on behalf of clients for which Performance is not otherwise available from funds.

IBN Smart Hedge Services



- ❑ 40% Cost Reduction utilizing IBN Smart Hedge
- ❑ Quality of Services equivalent to dedicated team
- ❑ Customization of Services as per requirement
- ❑ Integration of XML Feeds with existing system
- ❑ XML Reports availability on daily/weekly/monthly basis
- ❑ Weekly performance Tracking for invested funds

- ❑ Defining Hedge Fund Population to Track Prices & other Information for Client on IBN Smart Hedge Platform.
- ❑ Each Client's Source Relationship with each Hedge Fund.
- ❑ Prioritizing Source to Track Performance for specific Fund as for each hedge fund each client may have multiple sources.
- ❑ Operation Intelligence to track Performance by avoiding duplicate data entry
- ❑ Performance Reporting & Customization of Services

Quantitative & Risk Analysis Services

❑ Performance Analysis

Rolling returns, Alpha, Beta, Correlation, etc

❑ Statistical Analysis

Correlation with Index, Distribution of Returns, Best/Worst Returns
Financial Ratios (Sharpe/ Sortino/ Treynor etc)

❑ Correlation & Sensitivity Analysis

Fund to Fund / Fund to Strategy/ Fund to Indices

❑ Volatility Analysis

Monthly/Annualized/Rolling Volatility of Funds/ Indices, etc

❑ VAR Analysis

Simple VAR/ Cornish-Fischer VAR etc

❑ Global Risk Analysis

Catching highly correlated Global Indices relevant to Credit/
Commodity/ Equity etc types with Statistical Significance test.

❑ Momentum Analysis

Picking up the Funds/Indices based on Momentum Principle

❑ **More High End Quantitative Research** Implementation of
Clustering Techniques, Application of AI for Modeling, Application of
Stochastic Optimization techniques, etc

IBN Quantitative Research team develops and delivers the advanced research and analytics required by Fund Managers and Investment Management Team which help them in verifying investment decisions and evaluating the risk adopted.

Team Consists of professionals with more than 5+ years of experience with following educational background:

- ❑ IITs, NITs
- ❑ Post Graduates/ Bachelors in Engineering/ Others Master Qualification

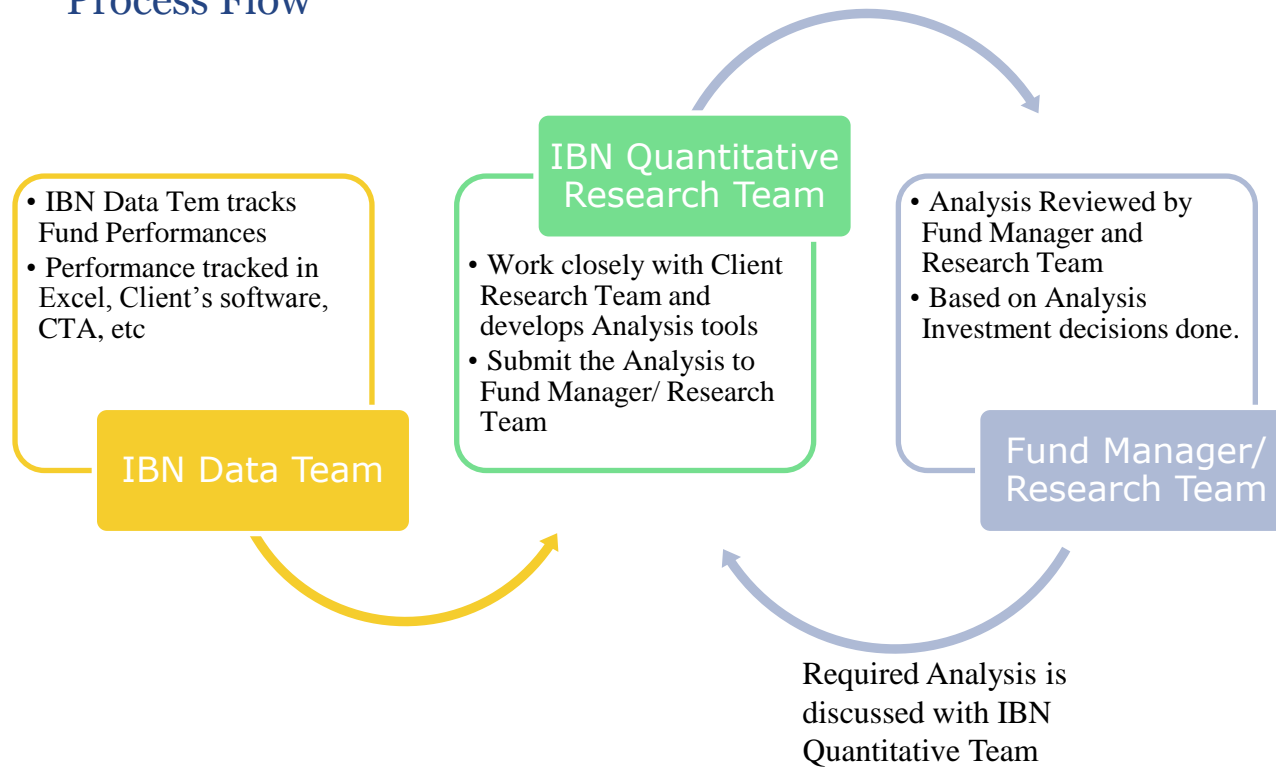
Team has experience in Data Exploration, Modeling, Simulation and Optimization Techniques.

Team has experience on following softwares/technologies:

Excel-VBA/MatLab/R/C++

Quantitative & Risk Analysis Services

Process Flow



Sample Quantitative Analysis



**IBN Quantitative
Search Analysis Sam**

Fund Administration Services

Middle & Back Office Services

- Trade capture and Validation
- Trade Reconciliation
- Transaction processing
- Income and expense accruals
- Daily market pricing
- Daily position reconciliation & reporting
- Daily profit & loss computation

Investor Services

- Processing of Subscription & Redemptions
- Investor Communication
- Preparation of Investors, Statements and Capital Reports
- Verification of Authenticity and Eligibility of redemption requests.

Fund Accounting

- Monthly closing, income and expense accruals
- Calculation of performance and management fees
- Pricing and valuation of month end portfolio
- Calculation of Daily & Monthly NAV
- Incentive Calculation (High Water Mark Basis)
- Maintenance of fund accounting books and records
- Preparation of monthly financial statements
- Preparation of monthly gains/losses reports (Realized – Short & Long term & Unrealized)
- Calculation of fund and investor performance
- Preparation of Investor reports, statements and capital reports
- US tax processing, including preparing information relevant to tax filings such as K-1s and 1065
- Investor Communication
- Customized reporting

IT Support Services



Application Development

- Customized New Application Development
- Online/Web based Application Development
- Onshore/Offshore Product Development
- Base Technology Enhancement
- Customized API Development

Application Maintenance

- Application Enhancement
- Application Bug Fixing
- Version Control & Support
- Code Perfection

IT Support Services

- New Version Testing
- Software Help Desk or Support
- Remote Network Support (Windows Platform)

IBN IT Expertise

Microsoft Technologies

.NET Framework 2.0, 3.x, ASP.NET , ASP, Visual Basic 6, COM

Web Technologies

SilverLight (1.0 and 2.0), Ajax, WEB Services, WSDL&DDI, SOAP, HTTP/s, HTML, DHTML, XML, XSLT

Programming Languages

C#.Net, VB.Net, Visual Basic, Scripting (Java Script, VB Script)

Database

Microsoft SQL Server 2005+, Access

Application & Web Server

Microsoft IIS

Integrated Development Environment

Microsoft Visual Studio 2005+

Configuration Management Tool

CVS, Microsoft VSS/ Team Foundation Server

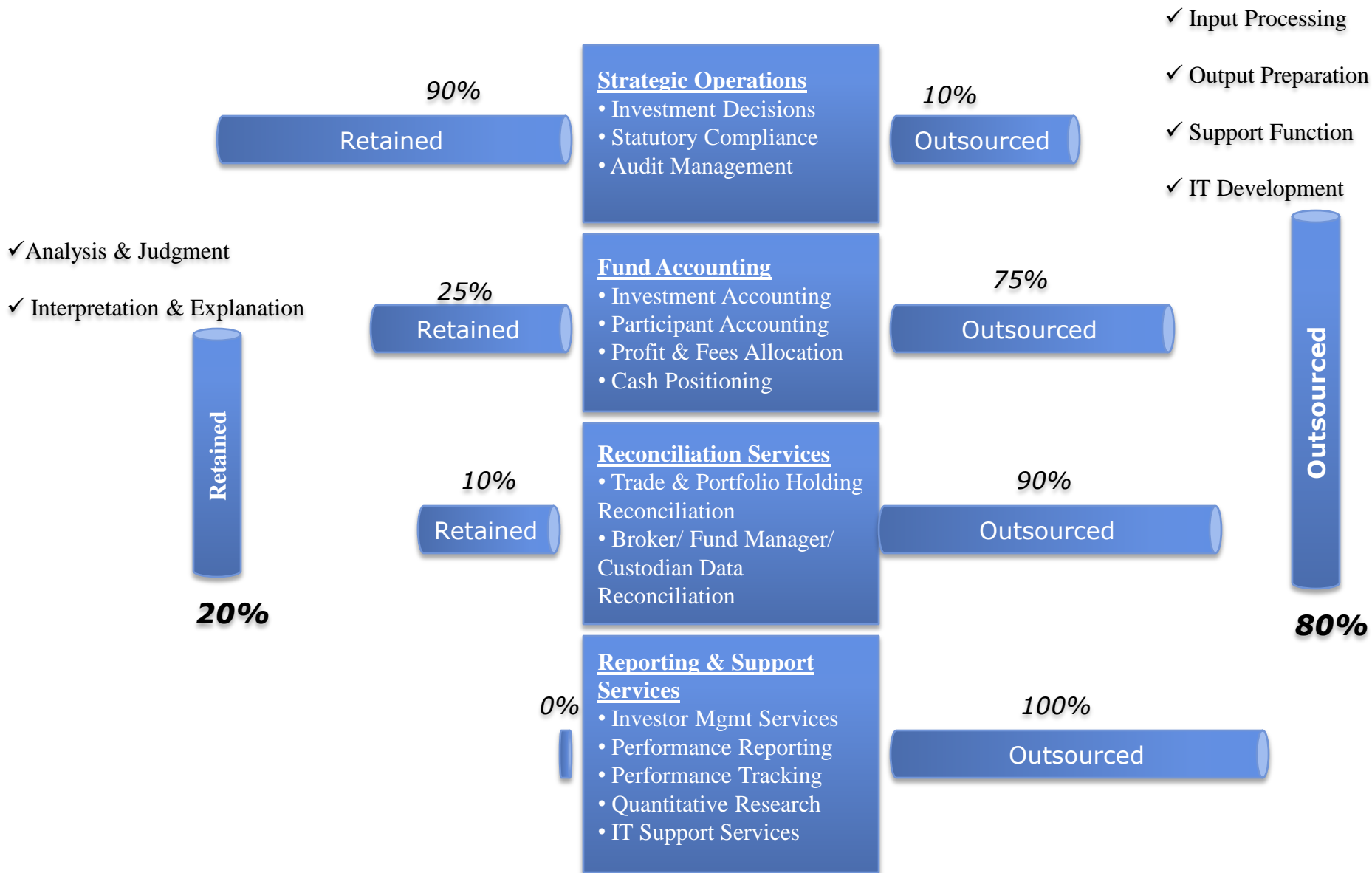
Reporting & OLAP

Crystal Corporate, Microsoft OLAP Services, SQL Server Reporting Services

IBN Value Proposition

- Complete Service cycle Off shoring
- Consulting-led Approach to Deliver Business Solution
- Low Cost of Ownership
- Dedicated Team of Qualified and Certified Professionals
- State-of-the-art Facilities and Infrastructure
- Minimized Business Risk
- Uninterrupted Operations
- Data Security
- Dedicated 24/7 Support Staff

Back Office Outsourcing



THANK YOU

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