



RIMES BDS

Powering State Street AlphaSM & Charles River Index Data Services

RIMES Technologies' Benchmark Data Services (RIMES BDS) is now the preferred Benchmark/Index data solution within State Street Bank & Trust's – Alpha Data Services (ADS) and Charles River (CRD) platforms. State Street and RIMES have been partnering for close to 10 years meeting the benchmark data management needs of our joint asset management clients through State Street's asset management services.

Together, we have expanded that partnership to help deliver a best of breed solution set that enables existing and potential ADS and CRD clients to maximize operational efficiency and scalability, improve data quality, and minimize the internal costs of benchmark data management while limiting operational and regulatory risks, and maintaining full control.



Potential Client Benefits



Operational & Technology Benefits

- Increased operational governance
- Reduced operational risk
- Reduced operational (TCO) and project costs
- Improved overall ROI of middle office operations
- Simplified internal and operational processes
- Improved overall time to market
- Enhanced operational responsiveness
- Clients insulated from vendor feed/methodology changes

Business Benefits

- Optimized client experience – integrated service provider and business solution
- Resources freed to focus on core business activities
- Improved transparency and lineage
- Highest benchmark quality control standards in the market
- Improved productivity and output
- Enhanced business agility

Why RIMES BDS?

The RIMES Benchmark Data Service (BDS) is an award-winning* service using specialist knowledge to provide a comprehensive solution to index and benchmark data management challenges. BDS covers all of the elements of good data processing: collection, validation, remediation, transformation, storage and distribution resulting in a flexible, robust and scalable data management operating model designed to bring a reduction to the total cost of data ownership.



Partnering with a recognized Index and Benchmark Industry leader**:

- Buy-side expertise: 25 years' experience
- 1,800 data sources from an unrivalled range of index data partners
- 350 Buyside clients globally (and growing)
- 75,000 feeds sent daily
- 80 Third-party solutions and in-house systems
- Long standing trusted partnership with all the index providers
- Comprehensive coverage: 3.4 million indices, 720+ data partners
- 2007-2020 Best Data Provider to the Buyside by Waters Technology



RIMES BDS - Index and Benchmark service:

- Quality of RIMES data service
- High quality control standards
- One of the best time to market in the industry
- Strong governance controls
- RIMES Team-Leading industry experience and expertise
- Strong leadership and commitment to Benchmark Data Management



Innovative-Agile-Visionary business partner:

- Highly scalable modern infrastructure
- Fully managed service with seamless integration
- Elastic delivery - new data sources onboarded rapidly
- Dedicated infrastructure - helps free your IT team to focus on core business
- Governed workflow Portal/Dashboard (ROL)
- Ever evolving and expanding data management capabilities across multiple data domains
- Highly developed and scalable operational Infrastructure
- Custom delivery build for seamless integration



Optimized Servicing Infrastructure and Quality Control:

- Global customer support
- 24/7 global service model
- Complete transparency of data feeds status through RIMES Online
- Quality control practices helping bring the highest quality benchmark data to the market

SOURCE: <https://www.rimes.com/insights/lucky-13-rimes-wins-best-data-provider-at-waterstechnology-buy-side-technology-awards-2020-for-a-record-13th-time/>

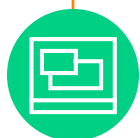
**RIMES Technologies Data Coverage Guide as of 12/21

Multiple Solutions for State Street Alpha & Charles River Clients



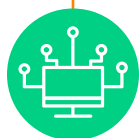
Front Office Solution (FO):

- Standard and Custom Index Level – top level index data with multiple currency variants
- Forward Constituents - Standard and Custom
- Beginning of Day Constituents
- Proforma Constituents



Middle Office Solution (MO):

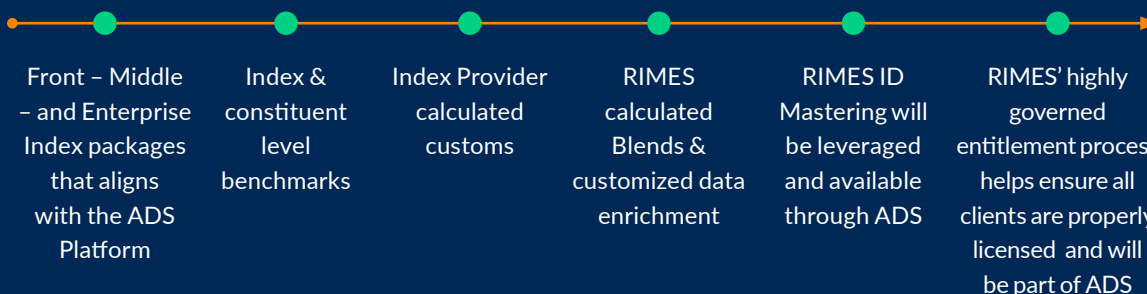
- Standard and Custom Index Level – top level index data with multiple currency variants
- Return Constituents – Standard and Custom
- End of Day Constituents



Enterprise Solution – combination of Front- and Middle-office solutions (Enterprise):

- Standard and Custom Index Level – top level index data with multiple currency variants
- Forward + Return + Beginning of Day + Proforma + End of Day Constituents
- RIMES Calculated Blend (Index and/or Constituent)

RIMES BDS offers a customized, fit for purpose enterprise wide data feed solution set and output specially designed for the Alpha Data Service (ADS)



RIMES

RIMES is an award-winning data management and regulatory technology specialist that truly understands the challenges faced by its customers. It serves over 350 asset managers, owners, servicers, and banks in 45 countries including 60 of the 100 largest global asset managers by AUM and 9 of the top 10 asset servicers in the world. The RIMES Benchmark Data Service (RIMES BDS) is a fully managed data service for sourcing, validating, transforming, distributing, and storing index and benchmark data. Learn more at www.rimes.com.

Charles River Development, A State Street Company

Investment firms, asset owners, wealth managers, hedge funds and insurers in ~30 countries rely on Charles River's front and middle office investment management platform to manage more than ~US\$35 Trillion in assets. Together with State Street's middle and back office capabilities, Charles River's cloud-deployed software technology forms the foundation of State Street AlphaSM. The Charles River Investment Management Solution (Charles River IMS) is designed to automate and simplify the institutional investment process across asset classes, from portfolio management and risk analytics through trading and post-trade settlement, with integrated compliance and managed data throughout. Charles River's growing partner ecosystem enables clients to seamlessly access external data and analytics, applications and liquidity venues that support the demands of their product and asset class mix. Headquartered in Burlington, Massachusetts, we serve clients globally with more than 1,000 employees in 11 regional offices. (Statistics as of Q3 2021) For more information, please visit crd.com.

About State Street Corporation

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*Assets under management as of September 30, 2021 includes approximately \$60 billion of assets with respect to SPDR® products for which State Street Global Advisors Funds Distributors, LLC (SSGA FD) acts solely as the marketing agent. SSGA FD and State Street Global Advisors are affiliated.

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