

dxFeed

INDEX MANAGEMENT SOLUTION

BENEFITS

- Workflow automation for index management
- Easy management of heterogeneous data sources
- Advanced management of index methodologies with visual, easy-to-use, self-documented entities
- Unlimited indices support out-of-the-box

APPLICATION

- Data analysis
- Financial research
- Risk management
- Wealth management

TARGET AUDIENCE

- Benchmarking agencies
- Exchanges
- Asset managers
- Prop traders

dxFeed provides state-of-the-art electronic index management platform supporting management and R&D processes on multiple index families with controlled workflows and flexible environment for data manipulation and research. Our expertise comes from the solutions we have delivered in this field and our consulting practices with exchanges.

Our platform and templates help to ensure that the indices created and maintained have the required qualities of a good index: representativeness, economic significance, underlying asset diversification, continuity, liquidity, graceful handling of market disruption events.

The platform provides full lifecycle management solution for indices, with support for index design, backtesting, basket analysis, reweighting/rebalancing, version management for methodology and transfer to operations/production.

WE PROVIDE:

- Multi-asset and cross-asset index creation and management: equity indices, FX indices, fixed income, commodities and derivatives indices
- Design, backtest and run multiple industry indices
- Index design consulting and support
- Development of methodology and calculation of currently traded and custom indices
- R&D environment for index researchers
- Publishing and distribution via dxFeed index calculation and publishing modules

WIDE VARIABILITY SUPPORTED IN METHODOLOGIES

- Define security classes, regions or industries of interest
- Use predefined eligibility criteria or design your own
- Apply standard or custom algorithms to calculate security weights

INTERFACE

- Extended: modify the code on the fly
- Simplified: visual management without direct code interference

DATA CONNECTIVITY

- dxFeed market data
- Other market data vendors

DEPLOYMENT

- Private, Public, or Mixed Cloud
- On-premise



SUPPORT 24x7

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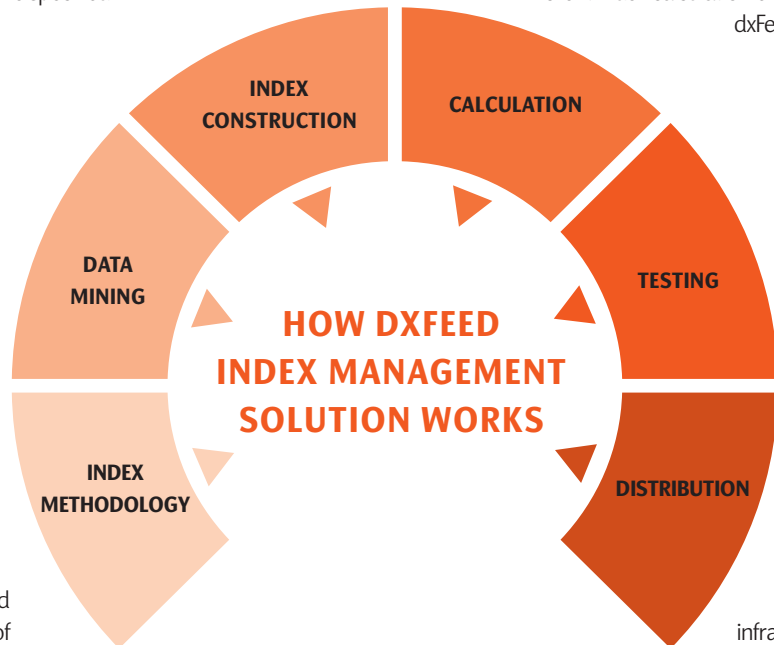
Step-by-step construction of the index listing according to the specified methodology

2

Automated monitoring: the solution monitors data for each index

1

Designing and prototyping of indices and index families



4

The solution can be plugged into existing client index calculation engines or into the dxFeed infrastructure

5

Backtesting on historical data or comparison with an existing index

6

dxFeed's infrastructure can be used to redistribute resulting data to end clients

dxFeed Index Management Solution increases performance of researchers by streamlining processes in an integrated environment. The solution significantly saves time spent on index management and reduces the risk of errors, which are more frequent with manual work.

UNIQUE ADVANTAGES:

Expertise

Unique dxFeed employees' expertise – fintech software developers, data architects, scientists, hardware and software designers

Scalability

Easy addition of new indices and index families. No need to reimplement shared calculations

Research tools

Collaboration tools for index research and prototyping, backtesting tools running on historical data and version control

Optimization

Automated data handling. Templates replace common actions and all disparate manipulations are centralized

Learn more: www.dxfeed.com/index-calculation-and-management-solutions/

