



Alerian Galaxy Global Blockchain Index Family Methodology

Alerian Galaxy Global Blockchain Equity Index

BLKCHN

Alerian Galaxy Global Blockchain Equity, Trusts & ETPs Index BCHAIN

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Introduction

Index Objective

The Alerian Galaxy Global Blockchain Indexes are indexes of companies materially engaged in blockchain technology and cryptocurrency, as well as their enabling technologies. Some of its indexes include a cryptocurrency component that holds Trusts and Exchange Traded Products. Equity components of the indexes are equal weighted.

Index Family & Highlights

The indexes contain Equities and/or Currency Trust and ETP components. Equities is the main asset class and includes Cryptocurrency Miners, Cryptocurrency Enabling Technologies, Cryptocurrency Buyers, and Blockchain Users business segments. The Currency Trust and ETP component includes Cryptocurrency Trusts & ETPs.

The index family and their components:

- The Alerian Galaxy Global Blockchain Equity Index (BLKCHN)
 - Equities component
- The Alerian Galaxy Global Blockchain Equity, Trusts & ETPs Index (BCHAIN)
 - Equities component and Currency Trust and ETP component.

Dates

Reference Dates: Close of the last trade date of the month preceding the reconstitution month.

Reconstitution Dates: Indexes are reconstituted monthly on the open of trading following the third Friday of the month.

Weight Date: Close of trading on the trade date preceding the second Friday of the rebalance month.

Rebalance Dates: Indexes are rebalanced monthly on the open of trading following the third Friday of the month.

Supporting Documents

This methodology is meant to be read in conjunction with supporting documents providing greater detail with respect to the policies, procedures and calculations described herein.

The list of the main supplemental documents for this methodology can be found in the Methodologies and Governance tabs on the [Index Resources](#) page as follows:

Supporting Documents
Index Maintenance Policy
Index Governance
Index Policies

Methodology Policies
Glossary
Index Change and Consultation Policy

Eligibility Criteria and Index Construction

Universe

Equity component:

All securities must be listed on a recognized exchange listed in the Appendix herein and be principally engaged (“Pure-Play”) or significantly engaged (“Diversified”) in one of the following sectors:

- i) Cryptocurrency Miners
Companies that mine cryptocurrency assets
- ii) Cryptocurrency Enabling Technologies
Companies that facilitate buying, selling and transfer of cryptocurrency assets
Companies that provide custody for cryptocurrency assets
Companies that provide semiconductors
Companies that provide cryptocurrency mining machines
- iii) Cryptocurrency Buyers
Companies that report cryptocurrency assets on their balance sheets
- iv) Blockchain Users
Operating companies that are engaged in the research and development of blockchain technologies for non-cryptocurrency-related purposes.

A company in any of the Cryptocurrency Miners, Cryptocurrency Enabling Technologies, or Blockchain Users Segments shall be considered principally engaged (“Pure-Play”) if it derives at least 50% of its revenues from business activities described for its Segment. A company in the Cryptocurrency Buyers Segment shall be considered principally engaged (“Pure-Play”) if it reports cryptocurrency assets on its balance sheet amounting to at least 50% of its company market capitalization.

Companies that are not principally engaged but derive significant revenues from businesses in that Segment are classified as “Diversified” provided:

- 1) such revenues represent more than 20% of the company’s total revenues and such revenues are independently reported in the company’s financial reports,
- 2) applicable revenues are likely to have a material impact on the company’s overall share price performance,
- 3) research and development investments in the technology are at the forefront of the company’s future initiatives, or
- 4) the company’s applicable business is likely to have a significant impact on the sector as a whole.

Currency Trusts and ETPs Component:

US Cryptocurrency Trusts & ETPs that invest at least 75% in Bitcoin (BTC).

Index Construction

Constituent Selection

Equity Component:

A company's stock must meet the following eligibility criteria:

- The stock shall not trade on an OTC Markets exchange.
- Minimum 20% free float
- Minimum 50 million USD full market capitalization value
- Minimum 1 million USD 3 Month ADTV¹

Companies are selected for each of the four business segments as follows:

- 1) Select the top 20 eligible Pure-Play companies by their stocks' average ranks of full market capitalization and three-month ADTV.
- 2) If there are fewer than 20 eligible Pure-Play companies in the Segment, then continue selecting from among the eligible Diversified companies until either the fixed count is met, or all eligible companies in the Segment have been selected.

Currency Trusts and ETPs Component:

A Trust or ETP must meet the following eligibility criteria:

- Minimum 1 Billion USD full market capitalization value (500 million USD for a current constituent)
- Minimum 15 Million USD 3 Month ADTV¹ (7.5 million USD for a current constituent)
- The Trust or ETP shall be open-end.

Select all eligible Trusts or ETPs.

Constituent Weightings & Constraints

The Alerian Galaxy Global Blockchain Equity Index (BLKCHN):

- Equity Component – 100% weight : Constituents are equal weighted.

The Alerian Galaxy Global Blockchain Equity, Trusts & ETPs Index (BCHAIN):

- Equities component – 85% weight: Constituents are equal weighted.
- Currency Trusts and ETPs component - 15% weight: Constituents are market cap weighted with a minimum Index weight of 0.5%.

¹ If a company, Trust or ETP has been trading for fewer than three calendar months but at least 22 trading days, the ADTV for its entire trading history shall be used to determine eligibility.

Index Maintenance

Rebalancing and Reconstitution

The Indexes are rebalanced on the “Rebalance Date” and additionally reconstituted on the “Reconstitution Date”. Eligibility is determined as of the “Reference Date” and pricing used in share weights used for rebalancing and reconstitutions are as of the “Weight Date”. Changes to the Indexes related to the rebalances and reconstitution are as of the “Rebalance Date” and “Reconstitution Date”. Additions are only made on reconstitution dates.

Corporate Actions

Please refer to the Index Maintenance Policy document for information on Corporate Action processing.

Base Date and History Availability

Index history availability, base dates and base values are shown in the table below.

Index	Price Index	Base Date	Base Value	Total Return Index	Base Date	Base Value
Alerian Galaxy Global Blockchain Equity, Trusts & ETPs Index	BCHAIN	06/30/20	1000	BCHAINT	06/30/20	1000
Alerian Galaxy Global Blockchain Equity Index	BLKCHN	06/30/20	1000	BLKCHNT	06/30/20	1000

Index Calculation

Please refer to the Index Maintenance Policy document for information on index calculations.

Index Governance

The index is governed and managed by a VettaFi Index Committee for the purpose of meeting the goals of the index. For more information, please refer to the Index Governance document.

Index Policies

Please refer to the Index Policies document for information regarding Announcements, Holiday Schedules, Unexpected Exchange Closures, and Recalculation Policy.

Contact Information

For any questions regarding an index, please contact: index.production@vettafi.com

Methodology Changes

Effective Date

01/31/24

New

Methodology rewritten in new standard format and references global policies and procedures. Versioning system updated as well with new version set to 1.0.0.

Old

Previous version, Alerian Galaxy Blockchain Indexes Rule Book 20211122, available upon request.

Appendix - List of Approved Exchanges

EXCHANGE	COUNTRY
ASE	AUSTRALIA
ASX	AUSTRALIA
Australian	AUSTRALIA
Vienna	AUSTRIA
EN Brussels	BELGIUM
Euron. Brussels	BELGIUM
Sao Paulo	BRAZIL
NEO	CANADA
Toronto	CANADA
TSX Venture	CANADA
Sant. Comerc	CHILE
Sant. Elec	CHILE
SANTIAGO	CHILE
Hong Kong	CHINA
Singapore	CHINA
Prague	CZECH REPUBLIC
Prague-SPAD	CZECH REPUBLIC
Copenhagen	DENMARK
Reykjavik	DENMARK
Cairo	EGYPT
Egypt (EGX)	EGYPT, ARAB REP.
Tallin	ESTONIA
Tallinn	ESTONIA
Helsinki	FINLAND
EN Paris	FRANCE
Euronext Paris	FRANCE
Berlin	GERMANY
Dusseldorf	GERMANY
Frankfurt	GERMANY

EXCHANGE	COUNTRY
KO	Korea, Rep.
Luxembourg	LUXEMBOURG
Bursa Malays	MALAYSIA
Bursa Malaysia	MALAYSIA
Kuala Lumpur	MALAYSIA
Malaysia ACE Mkt	MALAYSIA
Mexico	MEXICO
Mexico City	MEXICO
EN Amsterdam	NETHERLANDS
Euron. Amsterdam	NETHERLANDS
New Zealand	NEW ZEALAND
NZX	NEW ZEALAND
Oslo	NORWAY
Philippine SE	PHILIPPINES
Philippines	PHILIPPINES
Warsaw	POLAND
Warsaw Continuous	POLAND
EN Lisbon	PORTUGAL
Euronext Lisbon	PORTUGAL
Catalist	SINGAPORE
Johannesburg	SOUTH AFRICA
Lagos	SOUTH AFRICA
Korea	SOUTH KOREA
Korea SE	SOUTH KOREA
KOSDAQ	SOUTH KOREA
Continuous	SPAIN
Madrid	SPAIN
Madrid-SIBE	SPAIN
Nordic GM	SWEDEN

Munich	GERMANY
XETRA	GERMANY
Athens	GREECE
Hong Kong	Hong Kong
NASDAQ CM	HONG KONG
Budapest	HUNGARY
Indonesia	INDONESIA
Indonesia SE	INDONESIA
Dublin	IRELAND
Tel Aviv	ISRAEL
Brsaltaliana	ITALY
Milan	ITALY
Fukuoka	JAPAN
Jasdaq	JAPAN
Nagoya	JAPAN
Osaka	JAPAN
Tokyo	JAPAN

Stockholm	SWEDEN
SIX Swiss	SWITZERLAND
SIX Swiss Ex	SWITZERLAND
Taiwan	TAIWAN
Istanbul	TURKEY
London	UNITED KINGDOM
LONDON INTL	UNITED KINGDOM
London Plus Mkt	UNITED KINGDOM
CBOE	UNITED STATES
Chicago Mercantile	UNITED STATES
Nasdaq	UNITED STATES
NASDAQ GM	UNITED STATES
NASDAQ GS	UNITED STATES
New York	UNITED STATES
NYSE Amex	UNITED STATES
NYSE ARCA	UNITED STATES
OTC Markets	UNITED STATES

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