

# INDEX GUIDELINE

*SOLACTIVE WHITNEY JAPAN CRITICAL TECHNOLOGIES  
INDEX*

*Version 1.0*

*14 December 2023*



## TABLE OF CONTENTS

Introduction .....	3
1. Index Specifications .....	4
1.1. Scope of the Index .....	4
1.2. Identifiers and Publication .....	4
1.3. Initial Level of the Index .....	5
1.4. Prices and Calculation Frequency .....	5
1.5. Licensing.....	5
2. Index Selection .....	6
2.1. Index Universe Requirements.....	6
2.2. Selection of the Index Components .....	6
2.3. Weighting of the Index Components.....	8
3. Rebalance .....	10
3.1. Ordinary Rebalance .....	10
3.2. Extraordinary Rebalance .....	10
4. Calculation of the Index .....	11
4.1. Index Formula .....	11
4.2. Accuracy .....	11
4.3. Adjustments.....	11
4.4. Corporate Actions .....	12
4.5. Recalculation.....	13
4.6. Market Disruption .....	13
5. Miscellaneous .....	14
5.1. Discretion .....	14
5.2. Methodology Review.....	14
5.3. Changes in Calculation Method.....	14
5.4. Termination .....	15
5.5. Oversight .....	15
6. Definitions.....	16
7. History of Index Changes .....	19
Contact.....	20



## INTRODUCTION

This document (the "**GUIDELINE**") is to be used as a guideline with regard to the composition, calculation and maintenance of the Solactive Whitney Japan Critical Technologies Index (the "**INDEX**"). Any amendments to the rules made to the GUIDELINE are approved by the OVERSIGHT COMMITTEE specified in Section 5.5. The INDEX is owned, calculated, administered and published by Solactive AG ("**SOLACTIVE**"), which assumes the role of administrator (the "**INDEX ADMINISTRATOR**") under the Regulation (EU) 2016/1011 (the "**BENCHMARK REGULATION**" or "**BMR**"). The name "Solactive" is trademarked.

*The text uses defined terms which are formatted with "SMALL CAPS". Such Terms shall have the meaning assigned to them as specified in Section 6 (Definitions).*

**The GUIDELINE and the policies and methodology documents referenced herein contain the underlying principles and rules regarding the structure and operation of the INDEX. SOLACTIVE does not offer any explicit or tacit guarantee or assurance, neither pertaining to the results from the use of the INDEX nor the level of the INDEX at any certain point in time nor in any other respect. SOLACTIVE strives to the best of its ability to ensure the correctness of the calculation. There is no obligation for SOLACTIVE – irrespective of possible obligations to issuers – to advise third parties, including investors and/or financial intermediaries, of any errors in the INDEX. The publication of the INDEX by SOLACTIVE does not constitute a recommendation for capital investment and does not contain any assurance or opinion of SOLACTIVE regarding a possible investment in a financial instrument based on this INDEX.**



# 1. INDEX SPECIFICATIONS

## 1.1. SCOPE OF THE INDEX

Category	Description
Asset Class	Equity
Strategy	The index intends to track companies that support critical emerging technologies across Japan and its allies. Companies are selected based on both affiliation with the technology modernization priorities as defined by the Cabinet of Japan and their Geostrategic Risk Rating score. The industry affiliation maps designated technology priorities to granular industry classifications, a Patent score further measures a company's degree of affiliation with the technology priorities through its patent filings, and the Geostrategic Risk Rating score measures entanglement in risky countries, as designated by the Japanese government. The result is a diversified constituent list who align to Japanese modernization priorities with minimized geopolitical risk from sanctions, trade, and conflict.
Regional Allocation	Developed Markets
Rebalancing Fee	NA
Rebalancing Frequency	Quarterly

## 1.2. IDENTIFIERS AND PUBLICATION

The INDEX is published under the following identifiers:

Name	ISIN	Currency	Type	RIC	BBG ticker
Solactive Whitney Japan Critical Technologies Index PR	DE000SLOK3X7	JPY	PR*	.SOLJCTIP	
Solactive Whitney Japan Critical Technologies Index NTR	DE000SLOK3Y5	JPY	NTR*	.SOLJCTIN	SOLJCTIN
Solactive Whitney Japan Critical Technologies Index TR	DE000SLOK3Z2	JPY	GTR*	.SOLJCTIT	

\*PR, NTR, GTR means that the Index is calculated as price return, net total return, gross total return Index as described in the Equity Index Methodology, which is available on the SOLACTIVE website: <https://www.solactive.com/documents/equity-index-methodology/>

\*\*CNTR indicates that the withholding tax rate for the US is set to 0% in this net total return version. This tax rate may be different than those listed on the Solactive website <https://solactive.com/>



The INDEX is published on the website of the INDEX ADMINISTRATOR ([www.solactive.com](http://www.solactive.com)) and is also available via the price marketing services of Boerse Stuttgart GmbH and may be distributed to all of its affiliated vendors. Each vendor decides on an individual basis as to whether it will distribute or display the INDEX via its information systems.

Any publication in relation to the INDEX (e.g., notices, amendments to the GUIDELINE) will be available at the website of the INDEX ADMINISTRATOR: <https://www.solactive.com/news/announcements/>.

### 1.3. INITIAL LEVEL OF THE INDEX

The initial level of the INDEX on the 09/05/2013, the START DATE, is 1000. Historical values from the LIVE DATE will be recorded in accordance with Article 8 of the BMR. Levels of the INDEX published for a period prior to the LIVE DATE have been back-tested.

### 1.4. PRICES AND CALCULATION FREQUENCY

The level of the INDEX is calculated on each CALCULATION DAY from 9:00 a.m. to 10:50 p.m. CET based on the TRADING PRICES on the EXCHANGES on which the INDEX COMPONENTS are listed. TRADING PRICES of INDEX COMPONENTS not listed in the INDEX CURRENCY are converted using the current Intercontinental Exchange (ICE) spot foreign exchange rate. Should there be no current TRADING PRICE for an INDEX COMPONENT, the later of: (i) the most recent CLOSING PRICE; or (ii) the last available TRADING PRICE for the preceding TRADING DAY is used in the calculation.

In addition to the intraday calculation, a closing level of the INDEX for each CALCULATION DAY is also calculated. This closing level is based on the CLOSING PRICES for the INDEX COMPONENTS on the respective EXCHANGES on which the INDEX COMPONENTS are listed. The CLOSING PRICES of INDEX COMPONENTS not listed in the INDEX CURRENCY are converted using the 04:00 p.m. London time rates provided by WM/ Refinitiv (the "WM/ Refinitiv Rate"). If there is no 04:00 p.m. London time WM/ Refinitiv Rate for the relevant CALCULATION DAY, the last available 04:00 p.m. London time WM/ Refinitiv Rate will be used for the closing level calculation.

### 1.5. LICENSING

Licenses to use the INDEX as the underlying value for financial instruments, investment funds and financial contracts may be issued to stock exchanges, banks, financial services providers and investment houses by SOLACTIVE.



## 2. INDEX SELECTION

On each SELECTION DAY, the SELECTION PARTY will revise the composition of the INDEX.

In a first step, the INDEX ADMINISTRATOR determines the INDEX UNIVERSE in accordance with Section 2.1. The INDEX UNIVERSE comprises all those financial instruments which fulfill the INDEX UNIVERSE REQUIREMENTS (as specified in Section 2.1) and will constitute a starting pool from which the components of the INDEX will be selected. Based on this INDEX UNIVERSE, the new composition of the INDEX will be determined by applying the rules outlined in Section 2.2.

Each new INDEX COMPONENT will be assigned a weight as described in Section 2.3.

### 2.1. INDEX UNIVERSE REQUIREMENTS

The INDEX UNIVERSE is comprised of all financial instruments which fulfill the below requirements (the “**INDEX UNIVERSE REQUIREMENTS**”):

Is a **GBS INDEX COMPONENT** of the Solactive GBS Developed Markets Large & Mid Cap USD Index PR (ISIN: DE000SLA41B6), on a SELECTION DAY.

In case of multiple listings of a company, only the primary listing is eligible for inclusion in the INDEX UNIVERSE.

The determination of the INDEX UNIVERSE is fully rule-based and the INDEX ADMINISTRATOR cannot make any discretionary decisions.

### 2.2. SELECTION OF THE INDEX COMPONENTS

Based on the INDEX UNIVERSE, the initial composition of the INDEX, as well as any selection for an ordinary rebalance, is determined on the SELECTION DAY in accordance with the following rules:

In a first step, securities from the INDEX UNIVERSE are evaluated based on the below risk-related criteria to derive a Geostrategic Risk Rating score. Companies' scores are divided into low, neutral, and high, based on their activities in high-risk, neutral, or allied countries, based on the COUNTRY CLASSIFICATION.

- Ownership by Country: This risk component focuses on the location of the relevant company's shareholders. Shareholders have significant influence over operations and management of a company, so any hostile actions at the shareholder level could pose a threat to the overall value or ability for the company to deliver innovation.
- Country Incorporation: This risk component focuses on where the relevant company is incorporated. Where a company is incorporated may have significance relative to its resilience in the face of geopolitical upheavals. Companies with Japanese or allied country incorporations are



likely to be more resilient to evolving geopolitical risks, with Japan-incorporated companies having the highest likelihood of resilience.

- Geographic Revenue: This risk component focuses on whether the relevant company is dependent on revenue streams from high-risk countries.
- Geographic Assets: This risk component focuses on whether the relevant company owns assets, or makes capital expenditures, that are concentrated in high-risk countries.
- Customers: This risk component focuses on the concentration (geographic and otherwise) of the relevant company's customers. Resilient companies have a diversified customer base. Non-resilient companies are dependent on a small group of customers or have a large concentration of customers in high-risk countries.
- Suppliers: This risk component focuses on the concentration (geographic and otherwise) of the relevant company's suppliers. Resilient companies have a diversified group of suppliers. Non-resilient companies are dependent on a small group of suppliers or have a large concentration of suppliers in high-risk countries.
- Board Memberships: This risk component focuses on risks posed by the composition of the relevant company's Board of Directors. The Board of Directors is responsible for the long-term direction and outlook of the company. Companies with Board members who are also members of other resilient companies are scored high. Companies with Board members who also serve on Boards of companies in high-risk countries are scored low.
- Joint Ventures: This risk component focuses on risks posed by the relevant company's participation in joint ventures. Joint ventures pose a risk of technology transfer that could result in loss by a participant of future market share from a new competitor. Because this risk causes a company to be deemed not resilient for the long-term purposes of government spending, companies that participate in joint ventures in high-risk countries, or with companies that are located in high-risk countries, are scored low.
- Strategic Alliances: This risk component focuses on risks posed by the relevant company's participation in strategic alliances. Strategic alliances pose a risk of technology transfer that could result in loss by a participant of future market share from a new competitor. Because this risk causes a company to be deemed not resilient for the long-term purposes of government spending, companies that participate in such alliances in high-risk countries, or with companies that are located in high-risk countries, are scored low.
- SAM Exemption List: This risk component focuses on whether the relevant company appears on the System for Award Management (SAM) exemption list. The SAM exemption list is created to deny U.S. government contracts to entities that have engaged in negative activities such as contract non-fulfillment, being agents of a foreign government, or participating in other illicit and/or negligent activities. The exemption list includes companies sanctioned by other departments of the U.S. Government. The SAM exemption list is included here to limit exposure to sanctions risk



from a major trading partner. If a company appears on the SAM exemption list, it is assigned a low score.

In a second step, securities are screened for activity in CRITICAL TECHNOLOGY SECTORS based on the below criteria:

- **Industry Classification:** If a company has one or more NAICS codes mapped to a technology area, the highest ranked (by business segment rank) or most frequently occurring code that matches a technology area will be used to identify the company's technology association. A company is assigned a NAICS score of either 1 (NAICS code matches a technology) or 0 (no NAICS codes match a technology). Companies assigned a NAICS score of 0 are removed.
- **Patent Score:** Japan Patent Office reported data and Third-Party research are used to identify patent codes associated with the critical technology areas. A World Intellectual Property Organization patent dataset is used to identify patents filed by the remaining companies (and/or their subsidiaries), and the number of these patents with codes matching those associated with the critical technologies. A company is assigned a Patent score of 1 (low technology correlation), 2 (moderate technology correlation), or 3 (high technology correlation) based on the number of critical technology-associated patents it has filed.

In a third step, each company is assigned a final composite core by combining its Geostrategic Risk Rating score and Patent score. Securities from companies that are assigned a sufficiently high composite score based on the above evaluation are selected for the final INDEX.

The criteria and requirements applied in the first, second, and third steps described above are referred to herein as the “**INDEX COMPONENT REQUIREMENTS**”.

The INDEX ADMINISTRATOR has outsourced the selection of the INDEX COMPONENTS to the SELECTION PARTY. Such outsourcing has been made in accordance with the requirements of the BMR (Article 10 BMR). Any discretionary decision of the SELECTION PARTY will be made in accordance with the specifications regarding the exercise of discretion or expert judgment established by the INDEX ADMINISTRATOR.

## 2.3. WEIGHTING OF THE INDEX COMPONENTS

On each SELECTION DAY each INDEX COMPONENT is assigned a weight according to modified FREE FLOAT MARKET CAPITALIZATION. For this, the INDEX COMPONENTS are allocated into two buckets.

- JAPAN BUCKET
- EX JAPAN BUCKET

Starting point for the weight calculation of securities in the JAPAN BUCKET is the FREE FLOAT MARKET CAPITALIZATION.





Starting point for the weight calculation of securities in the EX JAPAN BUCKET is the FREE FLOAT MARKET CAPITALIZATION multiplied by the respective JAPAN REVENUE. Securities with no JAPAN REVENUES are removed from the EX JAPAN BUCKET and the INDEX COMPONENTS, they are therefore not eligible for inclusion in the INDEX.

In a last step the remaining INDEX COMPONENTS weights are calculated using the above starting points, subject to the below constraints:

JAPAN BUCKET:

- Individual weights are capped at 4% and floored at 0.05%
- The overall weight of the JAPAN BUCKET is floored at 80%

EX JAPAN BUCKET:

- Individual weights are capped at 1% and floored at 0.05%
- The overall weight of the EX JAPAN BUCKET is capped at 20%

In case a constraint is breached, the weights are iteratively redistributed pro rata until all constraints are met.



## 3. REBALANCE

### 3.1. ORDINARY REBALANCE

In order to reflect the new selection of the INDEX COMPONENTS determined on the SELECTION DAY (in accordance with Section 2.1 and 2.2) the INDEX is adjusted on the REBALANCE DAY after CLOSE OF BUSINESS.

This is carried out by implementing the shares as determined on the FIXING DAY based on the weights calculated on the SELECTION DAY.

For more information on the rebalance procedure, please refer to the Equity Index Methodology, which is incorporated by reference and available on the Solactive website: <https://www.solactive.com/documents/equity-index-methodology/>.

SOLACTIVE will publish any changes made to the INDEX COMPONENTS with sufficient notice before the REBALANCE DAY on the SOLACTIVE website under the section "Announcement", which is available at <https://www.solactive.com/news/announcements/>.

### 3.2. EXTRAORDINARY REBALANCE

The INDEX is not rebalanced extraordinarily.



## 4. CALCULATION OF THE INDEX

### 4.1. INDEX FORMULA

The INDEX is calculated as a price return, net total return and gross total return Index.

The calculation is performed according to the Equity Index Methodology, which is available on the SOLACTIVE website: <https://www.solactive.com/documents/equity-index-methodology/>. The divisor index formula stipulates that the level of the INDEX changes based on the change of the prices of its INDEX COMPONENTS, taking into account their weight in the INDEX and any currency conversion in case the price of an INDEX COMPONENT is quoted in a currency other than the INDEX CURRENCY.

Any dividends or other distributions are reinvested across the entire basket of INDEX COMPONENTS by means of a divisor at the opening of the effective date (the so-called ex-date) of the payment of such dividend or other distribution.

A more detailed description of the mechanics of the index calculation formula can be found in the Equity Index Methodology under Section 1.2.

### 4.2. ACCURACY

The level of the INDEX will be rounded to two decimal places. Divisors will be rounded to six decimal places. TRADING PRICES and foreign exchange rates will be rounded to six decimal places.

### 4.3. ADJUSTMENTS

Under certain circumstances, an adjustment of the INDEX may be necessary between two regular REBALANCE DAYS. Such adjustment has to be made if a corporate action (as specified in Section 4.4 below) in relation of an INDEX COMPONENT occurs. Such adjustment may have to be done in relation to an INDEX COMPONENT and/or may also affect the number of INDEX COMPONENTS and/or the weighting of certain INDEX COMPONENTS and will be made in compliance with the Solactive Equity Index Methodology, which is incorporated by reference and available on the SOLACTIVE website: <https://www.solactive.com/documents/equity-index-methodology/>.

SOLACTIVE will announce the INDEX adjustment giving a notice period of at least two TRADING DAYS (with respect to the affected INDEX COMPONENT) on the SOLACTIVE website under the Section "Announcements", which is available at <https://www.solactive.com/news/announcements/>. The INDEX adjustments will be implemented on the effective day specified in the respective notice.



## 4.4. CORPORATE ACTIONS

As part of the INDEX maintenance, SOLACTIVE will consider various events – also referred to as corporate actions – which result in an adjustment to the INDEX between two regular REBALANCE DAYS. Such events have a material impact on the price, weighting or overall integrity of INDEX COMPONENTS. Therefore, they need to be accounted for in the calculation of the INDEX. Corporate actions will be implemented from the cum-day to the ex-day of the corporate action, so that the adjustment to the INDEX coincides with the occurrence of the price effect of the respective corporate action.

Adjustments to the INDEX to account for corporate actions will be made in compliance with the Equity Index Methodology, which is available on the SOLACTIVE website: <https://www.solactive.com/documents/equity-index-methodology/>. This document contains for each corporate action a brief definition and specifies the relevant adjustment to the INDEX variables.

While SOLACTIVE aims at creating and maintaining its methodology for treatment of corporate actions as generic and transparent as possible and in line with regulatory requirements, it retains the right in accordance with the Equity Index Methodology to deviate from these standard procedures in case of any unusual or complex corporate action or if such a deviation is made to preserve the comparability and representativeness of the INDEX over time.

SOLACTIVE considers the following, but not conclusive, list of corporate actions as relevant for INDEX maintenance:

- Cash Distributions (e.g., payment of a dividend)
- Stock distributions (e.g., payment of a dividend in form of additional shares)
- Stock distributions of another company (e.g., payment of a dividend in form of additional shares of another company (e.g., of a subsidiary))
- Share splits (company's present shares are divided and therefore multiplied by a given factor)
- Reverse splits (company's present shares are effectively merged)
- Capital increases (such as issuing additional shares)
- Share repurchases (a company offer its shareholders the option to sell their shares to a fixed price)
- Spin-offs (the company splits its business activities into two or more entities and distributes new equity shares in the created entities to the shareholders of the former entity)
- Mergers & Acquisitions (transaction in which the ownership of a company (or other business organizations) are transferred or consolidated with other entities, e.g. fusion of two or more separate companies into one entity)
- Delistings (company's shares are no longer publicly traded at a stock exchange)
- Nationalization of a company (effective control of a legal entity is taken over by a state)



- Insolvency

## 4.5. RECALCULATION

SOLACTIVE makes the greatest possible efforts to accurately calculate and maintain its indices. However, errors in the determination process may occur from time to time for variety reasons (internal or external) and therefore, cannot be completely ruled out. SOLACTIVE endeavors to correct all errors that have been identified within a reasonable period of time. The understanding of “a reasonable period of time” as well as the general measures to be taken are generally depending on the underlying and is specified in the Solactive Correction Policy, which is incorporated by reference and available on the SOLACTIVE website: <https://www.solactive.com/documents/correction-policy/>.

## 4.6. MARKET DISRUPTION

In periods of market stress, SOLACTIVE calculates its indices following predefined and exhaustive arrangements as described in the Solactive Disruption Policy, which is incorporated by reference and available on the SOLACTIVE website: <https://www.solactive.com/documents/disruption-policy/>. Such market stress can arise due to a variety of reasons, but generally results in inaccurate or delayed prices for one or more INDEX COMPONENTS. The determination of the INDEX may be limited or impaired at times of illiquid or fragmented markets and market stress.



## 5. MISCELLANEOUS

### 5.1. DISCRETION

Any discretion which may need to be exercised in relation to the determination of the INDEX (for example the determination of the INDEX UNIVERSE (if applicable), the selection of the INDEX COMPONENTS (if applicable) or any other relevant decisions in relation to the INDEX) shall be made in accordance with strict rules regarding the exercise of discretion or expert judgment.

For the INDEX, a SELECTION PARTY is used. The determinations of the INDEX COMPONENTS are subject to decisions of the SELECTION PARTY where the exercise of discretion is needed. The SELECTION PARTY has confirmed that such discretionary decision is performed in accordance with the specifications established by the INDEX ADMINISTRATOR.

### 5.2. METHODOLOGY REVIEW

The methodology of the INDEX is subject to regular review, at least annually. In case a need of a change of the methodology has been identified within such review (e.g., if the underlying market or economic reality has changed since the launch of the INDEX, i.e., if the present methodology is based on obsolete assumptions and factors and no longer reflects the reality as accurately, reliably and appropriately as before), such change will be made in accordance with the Solactive Methodology Policy, which is incorporated by reference and available on the SOLACTIVE website: <https://www.solactive.com/documents/methodology-policy/>.

Such change in the methodology will be announced on the SOLACTIVE website under the Section "[Announcement](https://www.solactive.com/news/announcements/)", which is available at <https://www.solactive.com/news/announcements/>. The date of the last amendment of this INDEX is contained in this GUIDELINE.

### 5.3. CHANGES IN CALCULATION METHOD

The application by the INDEX ADMINISTRATOR of the method described in this document is final and binding. The INDEX ADMINISTRATOR shall apply the method described above for the composition and calculation of the INDEX. However, it cannot be excluded that the market environment, supervisory, legal and financial or tax reasons may require changes to be made to this method. The INDEX ADMINISTRATOR may also make changes to the terms and conditions of the INDEX and the method applied to calculate the INDEX that it deems to be necessary and desirable in order to prevent obvious or demonstrable error or to remedy, correct or supplement incorrect terms and conditions. The INDEX ADMINISTRATOR is not obliged to provide information on any such modifications or changes. Despite the modifications and changes, the INDEX ADMINISTRATOR will



take the appropriate steps to ensure a calculation method is applied that is consistent with the method described above.

## 5.4. TERMINATION

SOLACTIVE makes the greatest possible efforts to ensure the resilience and continued integrity of its indices over time. Where necessary, SOLACTIVE follows a clearly defined and transparent procedure to adapt Index methodologies to changing underlying markets (see Section 5.2 “Methodology Review”) in order to maintain continued reliability and comparability of the indices. Nevertheless, if no other options are available, the orderly cessation of the INDEX may be indicated. This is usually the case when the underlying market or economic reality, which an index is set to measure or to reflect, changes substantially and in a way not foreseeable at the time of inception of the index, the index rules, and particularly the selection criteria, can no longer be applied coherently or the index is no longer used as the underlying value for financial instruments, investment funds and financial contracts.

SOLACTIVE has established and maintains clear guidelines on how to identify situations in which the cessation of an index is unavoidable, how stakeholders are to be informed and consulted and the procedures to be followed for a termination or the transition to an alternative index. Details are specified in the Solactive Termination Policy, which is incorporated by reference and available on the SOLACTIVE website: <https://www.solactive.com/documents/termination-policy/>.

## 5.5. OVERSIGHT

An oversight committee composed of staff from SOLACTIVE and its subsidiaries (the “**OVERSIGHT COMMITTEE**”) is responsible for decisions regarding any amendments to the rules of the INDEX. Any such amendment, which may result in an amendment of the GUIDELINE, must be submitted to the OVERSIGHT COMMITTEE for prior approval and will be made in compliance with the Methodology Policy, which is available on the SOLACTIVE website: <https://www.solactive.com/documents/methodology-policy/>.



## 6. DEFINITIONS

“**BENCHMARK REGULATION**” shall have the meaning as defined in Section “Introduction”.

“**BMR**” shall have the meaning as defined in Section “Introduction”.

“**BUSINESS DAY**” is every weekday from Monday to Friday.

“**CALCULATION DAY**” is every weekday from Monday to Friday.

“**CLOSE OF BUSINESS**” is the calculation time of the closing level of the INDEX as outlined in Section 1.4.

The “**CLOSING PRICE**” in respect of an INDEX COMPONENT and a TRADING DAY is a security's final regular-hours TRADING PRICE published by the EXCHANGE and determined in accordance with the EXCHANGE regulations. If the EXCHANGE has no CLOSING PRICE or has not published a CLOSING PRICE in accordance with the EXCHANGE rules for an INDEX COMPONENT, the last TRADING PRICE will be used.

“**CLOSE OF BUSINESS**” is the calculation time of the closing level of the INDEX as outlined in Section 1.4.

“**COUNTRY CLASSIFICATION**” is defined as “high-risk”, “neutral” and “allied” based on analysis of trade agreements, intelligence sharing agreements, and Japanese government data. At the LIVE DATE, the below classification was effective:

- High-risk: China, Russia, North Korea, Iran
- Allied: Japan, Australia, South Korea, United States
- Neutral: All other countries not in the allied or high-risk country list

“**CRITICAL TECHNOLOGY SECTORS**” are areas defined as critical technology areas by the Cabinet of Japan.

For more information, please visit: [https://www8.cao.go.jp/cstp/anzen\\_anshin/program/1kai/siryu2-2.pdf](https://www8.cao.go.jp/cstp/anzen_anshin/program/1kai/siryu2-2.pdf).

“**ELIGIBLE REBALANCE DAY**” is each day that is a TRADING DAY at the New York Stock Exchange, the London Stock Exchange, the EUREX Exchange and the Tokyo Stock Exchange.

“**EX JAPAN BUCKET**” are all INDEX COMPONENTS not assigned to the JAPAN BUCKET.

“**EXCHANGE**” is with respect to the INDEX and every INDEX COMPONENT, the respective exchange where the INDEX COMPONENT has its listing as determined in accordance with the rules in Section 2.

“**FIXING DAY**” is each SELECTION DAY.

The “**FREE FLOAT**” is, with regard to each of the securities fulfilling the INDEX COMPONENT REQUIREMENTS on a SELECTION DAY, the share class-specific fraction of the total number of shares of such share class issued that are available for trading by market participants and not locked-in by long term holders, as sourced from data vendors.

The “**FREE FLOAT MARKET CAPITALIZATION**” is, with regard to each of the securities fulfilling the INDEX COMPONENT REQUIREMENTS on a SELECTION DAY, the share class-specific free float market capitalization. It is calculated as the multiplication of the shares outstanding in FREE FLOAT (as sourced from data vendors) with the CLOSING PRICE of the share class as of the respective SELECTION DAY.





“**GBS INDEX COMPONENT**” is each security reflected in the GBS Index specified in Section 2.1.

“**GUIDELINE**” shall have the meaning as defined in Section “Introduction”.

“**INDEX**” shall have the meaning as defined in Section “Introduction”.

“**INDEX ADMINISTRATOR**” shall have the meaning as defined in Section “Introduction”.

“**INDEX COMPONENT**” is each security reflected in the INDEX.

“**INDEX COMPONENT REQUIREMENTS**” shall have the meaning as defined in Section 2.2.

“**INDEX CURRENCY**” is the currency specified in the column “Currency” in the table in Section 1.2.

“**INDEX UNIVERSE REQUIREMENTS**” shall have the meaning as defined in Section 2.1.

“**INDEX UNIVERSE**” is the sum of all financial instruments which fulfill the INDEX UNIVERSE REQUIREMENTS.

“**JAPAN BUCKET**” are all INDEX COMPONENTS assigned to Japan as defined in the Country Assignment of the Solactive Global Benchmark Series (<https://solactive.com/downloads/Guideline-Solactive-GBS-Benchmark-Series.pdf>) for the GBS Index specified in Section 2.1.1.

“**JAPAN REVENUE**” is a company's percentage revenue in Japan, calculated as the share of the company's total revenues. In case no geographic revenue data is available for a company it is set to zero.

“**LIVE DATE**” is 27/11/2023.

“**OVERSIGHT COMMITTEE**” shall have the meaning as defined in Section 5.5.

“**REBALANCE DAY**” is ten BUSINESS DAYS after the SELECTION DAY. If that day is not an ELIGIBLE REBALANCE DAY, the REBALANCE DAY will be the immediately following ELIGIBLE REBALANCE DAY.

“**SELECTION DAY**” is the last Thursday of the months January, April, July and October.

**SELECTION PARTY**” is J.H. Whitney Data Services LLC. For more information, please visit: <https://www.jhwhitney.com>.

“**SOLACTIVE**” shall have the meaning as defined in Section “Introduction”.

“**START DATE**” shall have the meaning as defined in Section 1.3.

“**TRADING DAY**” is, with respect to an INDEX COMPONENT included in the INDEX at the REBALANCE DAY and every INDEX COMPONENT included in the INDEX at the CALCULATION DAY immediately following the REBALANCE DAY (for clarification: this provision is intended to capture the TRADING DAYS for the securities to be included in the INDEX as new INDEX COMPONENTS with close of trading on the relevant EXCHANGE on the REBALANCE DAY), a day on which the relevant EXCHANGE is open for trading (or a day that would have been such a day if a market disruption had not occurred), excluding days on which trading may be ceased prior to the scheduled EXCHANGE closing time and days on which the EXCHANGE is open for a scheduled shortened period. The INDEX ADMINISTRATOR is ultimately responsible as to whether a certain day is a TRADING DAY.

The “**TRADING PRICE**” in respect of an INDEX COMPONENT and a TRADING DAY is the most recent published price at which the INDEX COMPONENT was traded on the respective EXCHANGE.



**"WM / REFINITIV RATE"** shall have the meaning as defined in Section 1.4.



## 7. HISTORY OF INDEX CHANGES

Version	Date	Description
1.0	27 November 2023	Index Guideline creation ( <i>initial version</i> )

# CONTACT

**Solactive AG**  
**German Index Engineering**  
Platz der Einheit 1  
60327 Frankfurt am Main  
Germany

Tel.: +49 (0) 69 719 160 00

Fax: +49 (0) 69 719 160 25

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

Website: [www.solactive.com](http://www.solactive.com)

© Solactive AG