

FACTSHEET - AS OF 24-May-2024

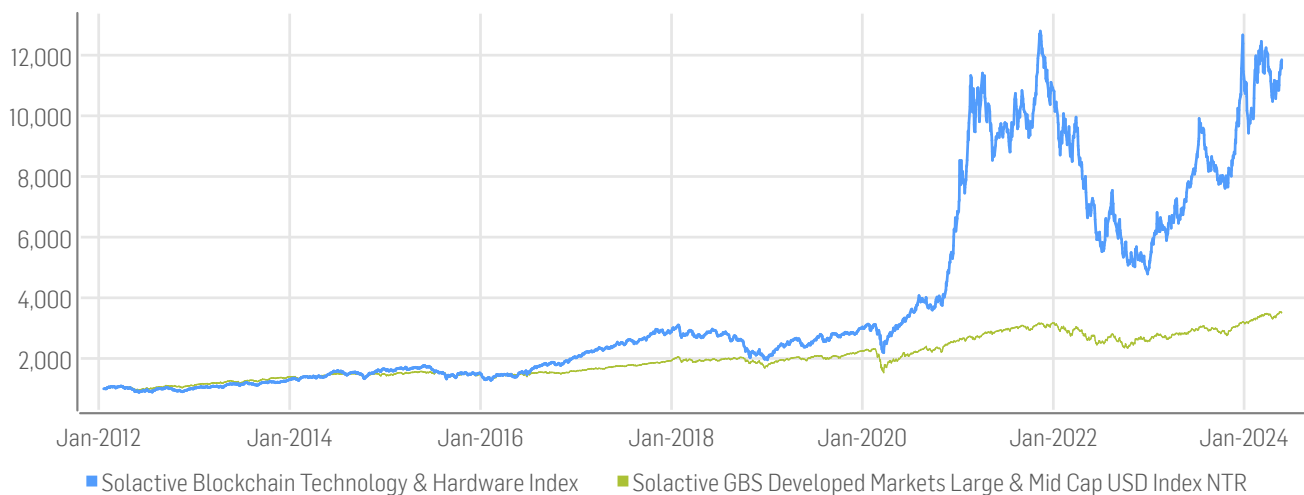
Solactive Blockchain Technology & Hardware Index

DESCRIPTION

The Blockchain & Cryptocurrency Technology Hardware Index intends to track a portfolio of global companies focusing directly on blockchain and cryptocurrency innovation and development as well as companies providing hardware and hardware-related services used in the process of mining, an essential part in supporting blockchain and cryptocurrency technologies.

The index takes a three-tier approach selecting one third of its components from companies focusing on the development of blockchain technologies, one third from the semiconductor industry which is at the heart of much of the hardware required for mining, and lastly one third from industries that directly supply other relevant hardware (e.g. memory and storage producers) or provide services increasingly important to large-scale cryptocurrency mining on a commercial level (e.g. Data Center REITS). The Index is calculated as a Net Total Return [NTR] Index and published in USD.

HISTORICAL PERFORMANCE



CHARACTERISTICS

ISIN / WKN	DE000SLA5D05 / SLA5D0	Base Value / Base Date	1000 Points / 20.01.2012
Bloomberg / Reuters	SOLBCTH Index / .SOLBCTH	Last Price	11850.80
Index Calculator	Solactive AG	Dividends	Reinvested (Total Return Index)
Index Type	Net Total Return	Calculation	09:00am to 10:30pm (CET), every 60 seconds
Index Currency	USD	History	Available daily back to 20.01.2012
Index Members	48		

STATISTICS

USD	30D	90D	180D	360D	YTD	Since Inception
Performance	7.13%	3.82%	34.57%	52.46%	3.32%	1085.08%
Performance (p.a.)						22.18%
Volatility (p.a.)	28.21%	32.54%	41.29%	35.10%	38.33%	26.23%
High	11850.80	12456.37	12666.67	12666.67	12456.37	12795.79
Low	10566.77	10474.60	8743.48	7609.78	9427.95	880.97
Sharpe Ratio*	4.47	0.34	1.87	1.37	0.08	0.64
Max. Drawdown	-5.42%	-15.91%	-25.57%	-25.57%	-17.81%	-62.61%
VaR 95 \ 99				-48.0% \ -71.6%		-41.3% \ -65.9%
CVaR 95 \ 99				-65.8% \ -107.6%		-59.2% \ -92.9%

* Up to 31 December 2021, ex-post Sharpe ratios use as input for the risk free rate term the London Inter-Bank Offered rates in the respective currencies of the index and at a term equal to the observation period. From 3 January 2022 onwards, Sharpe ratios will be / are calculated using as reference risk free rate input the overnight replacement rate for these currencies, namely SONIA (for GBP), SOFR (for USD) and EURIBOR Overnight (for EUR).

STATISTICS - GBS - Solactive GBS Developed Markets Large & Mid Cap USD Index NTR

USD	30D	90D	180D	360D	YTD	Since Inception
Performance	4.32%	4.33%	15.59%	24.21%	9.96%	251.98%
Performance (p.a.)						10.73%
Volatility (p.a.)	9.12%	9.28%	8.94%	9.98%	9.33%	14.15%
High	2062.94	2062.94	2062.94	2062.94	2062.94	2062.94
Low	1949.98	1926.18	1770.88	1606.87	1834.76	549.55
Sharpe Ratio*	6.81	1.45	3.23	1.93	2.28	0.38
Max. Drawdown	-1.52%	-5.15%	-5.15%	-10.39%	-5.15%	-33.92%
VaR 95 \ 99				-16.3% \ -21.9%		-20.6% \ -40.7%
CVaR 95 \ 99				-20.3% \ -26.2%		-34.2% \ -61.2%

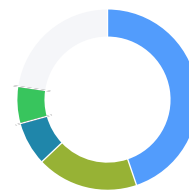
COMPOSITION BY CURRENCIES

- USD 53.9%
- TWD 20.2%
- CAD 7.5%
- EUR 5.3%
- Others 13.2%



COMPOSITION BY COUNTRIES

- US 44.8%
- TW 18.1%
- KY 7.8%
- AU 6.6%
- Others 22.7%



TOP COMPONENTS AS OF 24-May-2024

Company	Ticker	Country	Currency	Index Weight (%)
IRIS ENERGY LTD	IREN UW Equity	AU	USD	2.91%
DELL TECHNOLOGIES INC - C	DELL UN Equity	US	USD	2.83%
CORE SCIENTIFIC INC	CORZ UW Equity	US	USD	2.77%
NVIDIA CORP	NVDA UW Equity	US	USD	2.51%
TRANSCEND INFORMATION INC ORD	2451 TT Equity	TW	TWD	2.46%
ASUSTEK COMPUTER INC	2357 TT Equity	TW	TWD	2.43%
GLOBAL UNICHIP CORP	3443 TT Equity	TW	TWD	2.43%
QUANTA STORAGE INC	6188 TT Equity	TW	TWD	2.42%
MICROCHIP TECHNOLOGY INC	MCHP UW Equity	US	USD	2.39%
WIWYNN CORP	6669 TT Equity	TW	TWD	2.37%
SEAGATE TECHNOLOGY PLC	STX UW Equity	IE	USD	2.30%
MARATHON DIGITAL HOLDINGS INC	MARA UR Equity	US	USD	2.28%
NEXTDC LTD	NXT AT Equity	AU	AUD	2.27%
SK HYNIX INC	000660 KP Equity	KR	KRW	2.21%
MICRON TECHNOLOGY INC	MU UW Equity	US	USD	2.20%
ORACLE CORP JAPAN ORD	4716 JT Equity	JP	JPY	2.17%
WESTERN DIGITAL CORP	WDC UW Equity	US	USD	2.16%
NORTHERN DATA AG	NB2 GY Equity	DE	EUR	2.13%
LATTICE SEMICONDUCTOR CORP	LSCC UW Equity	US	USD	2.13%
BIT DIGITAL INC	BTBT UR Equity	KY	USD	2.12%
ADVANCED MICRO DEVICES	AMD UW Equity	US	USD	2.12%
ORACLE CORP	ORCL UN Equity	US	USD	2.11%
SILICON LABORATORIES INC	SLAB UW Equity	US	USD	2.10%
EQUINIX INC	EQIX UW Equity	US	USD	2.09%
DIGITAL REALTY TRUST INC	DLR UN Equity	US	USD	2.08%
HUT 8 CORP	HUT CT Equity	CA	CAD	2.08%
CLEANSARK INC	CLSK UR Equity	US	USD	2.06%
MACRONIX INTERNATIONAL	2337 TT Equity	TW	TWD	2.05%
SUPER MICRO COMPUTER INC	SMCI UW Equity	US	USD	2.04%
ALCHIP TECHNOLOGIES LTD	3661 TT Equity	KY	TWD	2.02%
WINBOND ELECTRONICS CORP	2344 TT Equity	TW	TWD	2.00%
EMEMORY TECHNOLOGY INC	3529 TT Equity	TW	TWD	1.99%
RIOT PLATFORMS INC	RIOT UR Equity	US	USD	1.97%
BITFARMS LTD/CANADA	BITF CT Equity	CA	CAD	1.94%
GALAXY DIGITAL HOLDINGS LTD	GLXY CT Equity	KY	CAD	1.90%
ARM HOLDINGS ADR	ARM UW Equity	US	USD	1.89%
BITCOIN GROUP SE	ADE GY Equity	DE	EUR	1.88%
IBIDEN CO LTD	4062 JT Equity	JP	JPY	1.87%
CIPHER MINING INC	CIFR UW Equity	US	USD	1.85%
INTEL CORP	INTC UW Equity	US	USD	1.79%
TERAWULF INC	WULF UR Equity	US	USD	1.76%

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Company	Ticker	Country	Currency	Index Weight (%)
BITDEER TECHNOLOGIES GROUP	BTDR UR Equity	KY	USD	1.74%
COINBASE GLOBAL INC -CLASS A	COIN UW Equity	US	USD	1.67%
ARGO BLOCKCHAIN PLC	ARB LN Equity	GB	GBP	1.66%
HIVE DIGITAL TECHNOLOGIES LTD	HIVE CV Equity	CA	CAD	1.60%
NEW HUO TECHNOLOGY HOLDINGS LTD	1611 HK Equity	VG	HKD	1.54%
WEEBIT NANO LTD	WBT AT Equity	AU	AUD	1.43%
OVH GROUPE SAS	OVH FP Equity	FR	EUR	1.29%

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