

# FACTSHEET - AS OF 06-May-2021

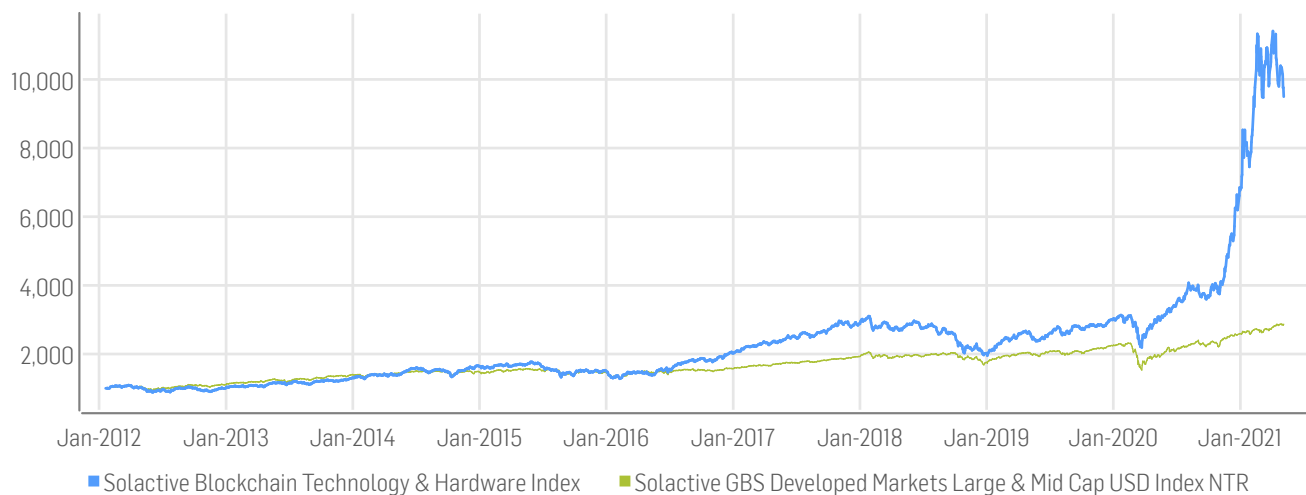
## Solactive Blockchain Technology & Hardware Index

### 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	9496.95
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	45		

## STATISTICS

	30D	90D	180D	360D	YTD	Since Inception
Performance	-15.57%	11.23%	130.89%	207.31%	40.40%	849.70%
Performance (p.a.)	-	-	-	-	-	27.41%
Volatility (p.a.)	40.39%	54.88%	54.88%	42.59%	57.57%	22.21%
High	11322.01	11410.01	11410.01	11410.01	11410.01	11410.01
Low	9496.95	8538.50	4019.36	2977.05	6763.99	880.97
Sharpe Ratio	-2.16	0.98	8.13	4.98	2.90	1.22
Max. Drawdown	-16.12%	-16.77%	-16.77%	-16.77%	-16.77%	-37.03%
VaR 95 \ 99				-55.5% \ -126.6%		-31.4% \ -58.6%
CVaR 95 \ 99				-90.9% \ -152.8%		-50.5% \ -88.2%

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

USD	30D	90D	180D	360D	YTD	Since Inception
Performance	2.80%	7.01%	20.45%	45.40%	10.46%	186.76%
Performance (p.a.)	-	-	-	-	-	12.00%
Volatility (p.a.)	8.23%	10.74%	10.87%	14.65%	11.58%	13.96%
High	1676.25	1676.25	1676.25	1676.25	1676.25	1676.25
Low	1626.22	1527.96	1405.08	1116.67	1499.43	549.55
Sharpe Ratio	4.84	2.93	4.20	3.13	2.86	0.84
Max. Drawdown	-1.31%	-4.14%	-4.14%	-7.98%	-4.14%	-33.92%
VaR 95 \ 99				-23.2% \ -43.3%		-19.7% \ -38.9%
CVaR 95 \ 99				-37.0% \ -65.5%		-34.3% \ -65.1%

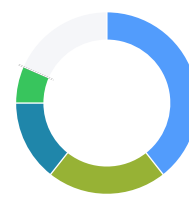
## Composition by Currencies

- USD 44.2%
- TWD 23.0%
- CAD 18.8%
- JPY 4.7%
- Others 9.3%



## Composition by Countries

- US 39.4%
- TW 21.3%
- CA 14.4%
- KY 6.5%
- Others 18.5%



## TOP COMPONENTS AS OF 06-May-2021

Company	Ticker	Country	Currency	Index Weight (%)
BITFARMS LTD/CANADA	BITF CV Equity	CA	CAD	3.01%
EMEMORY TECHNOLOGY INC	3529 TT Equity	TW	TWD	2.70%
SEAGATE TECHNOLOGY PLC	STX UW Equity	IE	USD	2.68%
ARGO BLOCKCHAIN PLC	ARB LN Equity	GB	GBP	2.62%
WIWYNN CORP	6669 TT Equity	TW	TWD	2.55%
TRANSCEND INFORMATION INC ORD	2451 TT Equity	TW	TWD	2.53%
DIGITAL REALTY TRUST INC	DLR UN Equity	US	USD	2.50%
QUANTA STORAGE INC	6188 TT Equity	TW	TWD	2.47%
WESTERN DIGITAL	WDC UW Equity	US	USD	2.47%
GALAXY DIGITAL HOLDINGS LTD	GLXY CT Equity	KY	CAD	2.47%
VOYAGER DIGITAL LTD	VYGR CF Equity	CA	CAD	2.43%
EQUINIX INC	EQIX UW Equity	US	USD	2.41%
DELL TECHNOLOGIES INC - C	DELL UN Equity	US	USD	2.40%
ORACLE CORP JAPAN ORD	4716 JT Equity	JP	JPY	2.40%
ADVANTECH CO LTD ORD	2395 TT Equity	TW	TWD	2.40%
GDS HOLDINGS LTD	GDS UQ Equity	KY	USD	2.34%
XILINX INC	XLNX UW Equity	US	USD	2.32%
ADVANCED MICRO DEVICES	AMD UW Equity	US	USD	2.31%
IBIDEN CO LTD	4062 JT Equity	JP	JPY	2.29%
GODADDY INC	GDDY UN Equity	US	USD	2.29%
MICRON TECHNOLOGY INC	MU UW Equity	US	USD	2.28%
SK HYNIX INC	000660 KP Equity	KR	KRW	2.27%
MICROCHIP TECHNOLOGY INC	MCHP UW Equity	US	USD	2.26%
SUPER MICRO COMPUTER INC	SMCI UW Equity	US	USD	2.25%
NORTHERN DATA AG	NB2 GY Equity	DE	EUR	2.25%
VIA TECHNOLOGIES INC	2388 TT Equity	TW	TWD	2.25%
NVIDIA CORP	NVDA UW Equity	US	USD	2.23%
BITCOIN GROUP SE	ADE GY Equity	DE	EUR	2.18%
HIVE BLOCKCHAIN TECHNOLOGIES	HIVE CV Equity	CA	CAD	2.17%
SILICON LABORATORIES INC	SLAB UW Equity	US	USD	2.17%
INTEL CORP	INTC UW Equity	US	USD	2.17%
MACRONIX INTERNATIONAL	2337 TT Equity	TW	TWD	2.15%
WINBOND ELECTRONICS CORP	2344 TT Equity	TW	TWD	2.13%
GLOBAL UNICHIP CORP	3443 TT Equity	TW	TWD	2.09%
LATTICE SEMICONDUCTOR CORP	LSCC UW Equity	US	USD	2.09%
EXTREME VEHICLE BATTERY TECHNO	ACDC CF Equity	CA	CAD	2.02%
MARATHON DIGITAL HOLDINGS INC	MARA UR Equity	US	USD	1.97%
CURRENCYWORKS INC	CWRK CF Equity	US	CAD	1.96%
HUT 8 MINING CORP	HUT CT Equity	CA	CAD	1.92%
RIOT BLOCKCHAIN INC	RIOT UR Equity	US	USD	1.83%
DIGINEX LTD	EQOS UR Equity	SG	USD	1.78%

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Company	Ticker	Country	Currency	Index Weight (%)
ALCHIP TECHNOLOGIES LTD	3661 TT Equity	KY	TWD	1.73%
DMG BLOCKCHAIN SOLUTIONS INC	DMGI CV Equity	CA	CAD	1.56%
FASTLY INC - CLASS A	FSLY UN Equity	US	USD	1.47%
BIGG DIGITAL ASSETS INC	BIGG CF Equity	CA	CAD	1.25%

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