

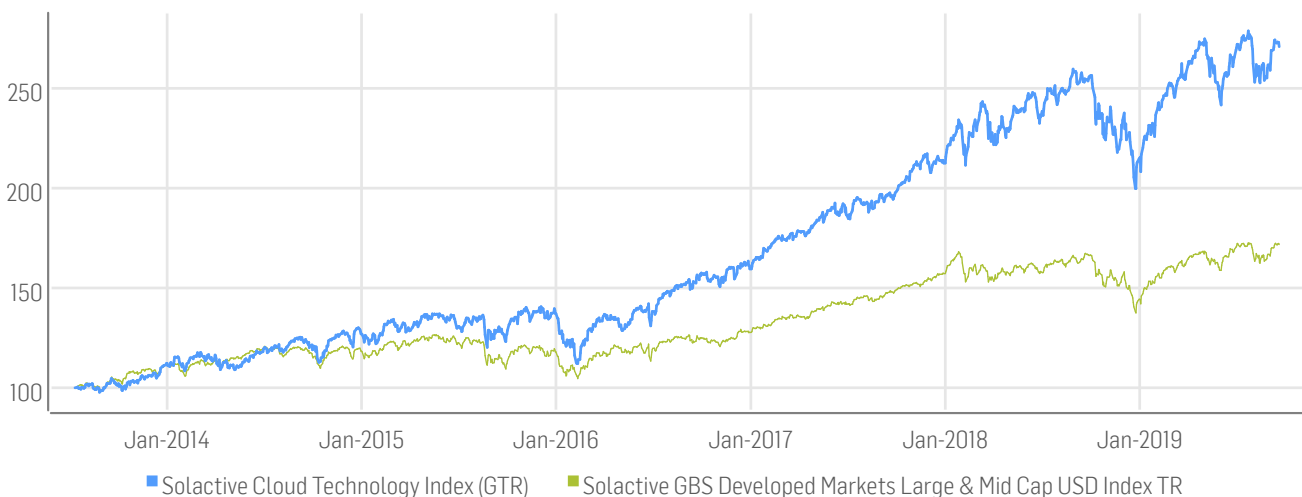
FACTSHEET - AS OF 20-Sep-2019

Solactive Cloud Technology Index (GTR)

DESCRIPTION

The Solactive Cloud Technology Index (the Index) tracks price movements in shares of companies which are active or are expected to be active in the near future in the field of cloud computing. The Index composition is selected based on screening of publicly available information such as financial websites, search engines and company publications using a natural language processing algorithm. The algorithm identifies companies which have or are expected to have a significant exposure to cloud computing using keywords that describe the index theme, and then ranks the companies according to the frequency with which the company is referenced ("Index Score"). The 50 companies with the highest Index Score and relevant business exposure are determined as the final index constituents. To be included in the index, a security must have a market capitalization of at least USD 100 million, and average daily trading volume in the last three months of at least USD 2 million. The constituents of the index are weighted according to Free Float Market Capitalization, subject to maximum weight of 4.0% and minimum weight of 0.2%. The index composition is adjusted semi-annually.

HISTORICAL PERFORMANCE*



CHARACTERISTICS

ISIN / WKN	DE000SLA5YK1 / SLA5YK	Base Value / Base Date	100 Points / 12.07.2013
Bloomberg / Reuters	/ .SOLCTEKG	Last Price	270.86
Index Calculator	Solactive AG	Dividends	Included (Gross Total Return)
Index Type	Gross Total Return	Calculation	09:00am to 10:50pm (CET), every 15 seconds
Index Currency	USD	History	Available daily back to 12.07.2013
Index Members	49		

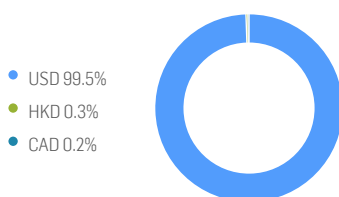
STATISTICS

	30D	90D	180D	360D	YTD	Since Inception
Performance	3.2%	1.9%	5.9%	6.4%	26.1%	170.9%
Performance (p.a.)	-	-	-	-	-	17.5%
Volatility (p.a.)	17.2%	18.8%	17.9%	22.1%	18.3%	16.8%
High	274.26	278.78	278.78	278.78	278.78	278.78
Low	254.00	252.73	241.65	199.81	208.24	97.76
Sharpe Ratio	2.58	0.30	0.58	0.20	1.97	0.92
Max. Drawdown	-3.2%	-9.3%	-12.1%	-22.1%	-12.1%	-23.1%
VaR 95 \ 99				-46.3% \ -61.3%		-28.9% \ -50.3%
CVaR 95 \ 99				-55.7% \ -68.5%		-42.8% \ -61.3%

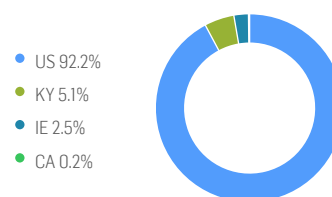
STATISTICS - GBS - Solactive GBS Developed Markets Large & Mid Cap USD Index TR

USD	30D	90D	180D	360D	YTD	Since Inception
Performance	3.2%	1.5%	6.5%	2.9%	19.0%	71.8%
Performance (p.a.)	-	-	-	-	-	9.1%
Volatility (p.a.)	9.6%	11.4%	10.5%	12.7%	10.7%	10.7%
High	1234.66	1236.26	1236.26	1236.26	1236.26	1236.26
Low	1170.50	1163.56	1137.70	984.98	1017.59	705.97
Sharpe Ratio	4.56	0.34	1.09	0.07	2.36	0.66
Max. Drawdown	-1.9%	-5.9%	-5.9%	-17.6%	-5.9%	-18.2%
VaR 95 \ 99				-25.2% \ -36.3%		-17.7% \ -33.0%
CVaR 95 \ 99				-31.7% \ -38.6%		-27.1% \ -42.2%

Composition by Currencies



Composition by Countries



TOP COMPONENTS AS OF 20-Sep-2019

Company	Ticker	Country	Currency	Index Weight (%)
ALPHABET INC-CL A	GOOGL UW Equity	US	USD	4.67%
EQUINIX INC	EQIX UW Equity	US	USD	4.65%
APPLE INC	AAPL UW Equity	US	USD	4.46%
INTEL CORP	INTC UW Equity	US	USD	4.37%
ALIBABA GROUP HOLDING-SP ADR	BABA UN Equity	KY	USD	4.37%
NVIDIA CORP	NVDA UW Equity	US	USD	4.32%
VERIZON COMMUNICATIONS INC	VZ UN Equity	US	USD	4.30%
MICROSOFT CORP	MSFT UW Equity	US	USD	4.25%
SALESFORCE.COM INC	CRM UN Equity	US	USD	4.21%
INTL BUSINESS MACHINES CORP	IBM UN Equity	US	USD	4.19%

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