

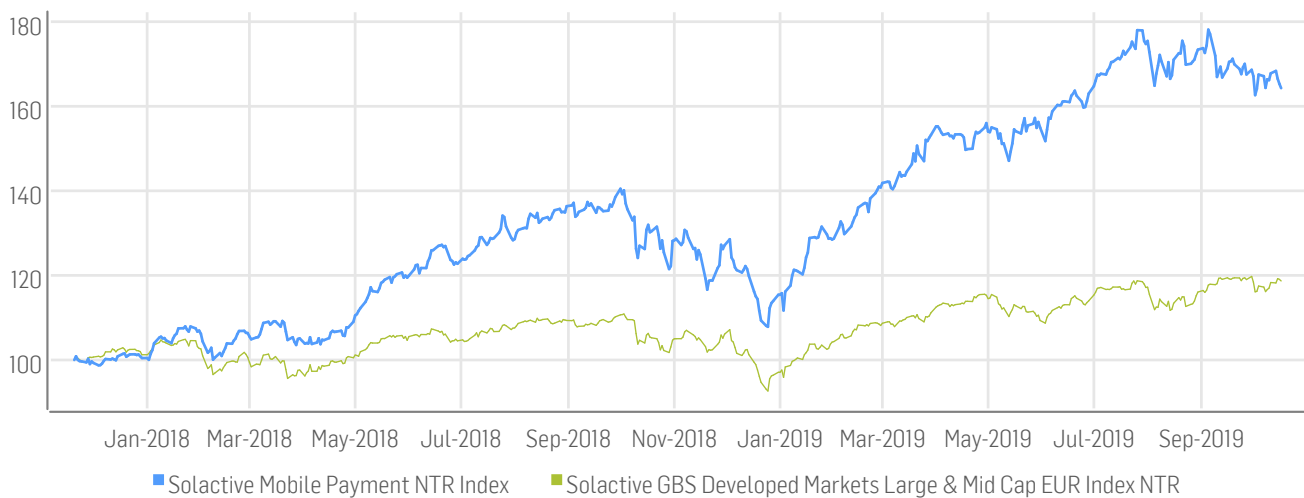
FACTSHEET - AS OF 17-Oct-2019

Solactive Mobile Payment NTR Index

DESCRIPTION

The Solactive Mobile Payment NTR Index intends to track the price movements of companies that generate the majority of their revenues in the area of mobile payments and electronic payment processing. It is calculated as a net total return index in EUR.

HISTORICAL PERFORMANCE*



CHARACTERISTICS

ISIN / WKN	DE000SLA6EC8 / SLA6EC	Base Value / Base Date	100 Points / 23.08.2018
Bloomberg / Reuters	SOLMOPAY Index / .SOLMOPAY	Last Price	122.97
Index Calculator	Solactive AG	Dividends	Reinvested (Total Return Index)
Index Type	Net Total Return	Calculation	09:00am to 4:50pm (ET), every 15 seconds
Index Currency	EUR	History	Available daily back to 11.01.2013
Index Members	17		

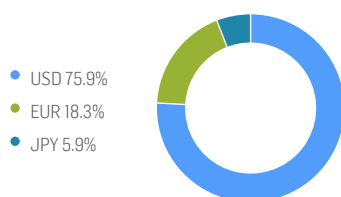
STATISTICS

	30D	90D	180D	360D	YTD	Since Inception
Performance	-3.7%	-4.6%	9.6%	24.9%	42.3%	22.0%
Performance (p.a.)	-	-	-	-	-	18.9%
Volatility (p.a.)	17.5%	22.5%	19.5%	21.9%	19.3%	22.1%
High	128.17	133.33	133.33	133.33	133.33	133.33
Low	121.73	121.73	110.11	80.72	83.61	80.72
Sharpe Ratio	-2.05	-0.76	1.08	1.17	2.92	0.87
Max. Drawdown	-5.0%	-8.7%	-8.7%	-18.0%	-8.7%	-23.2%
VaR 95 \ 99				-38.7% \ -57.1%		-37.1% \ -57.1%
CVaR 95 \ 99				-52.0% \ -74.7%		-52.8% \ -80.5%

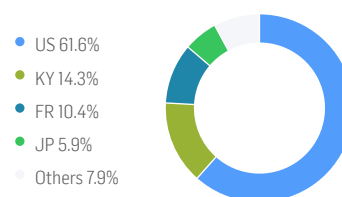
STATISTICS - GBS - Solactive GBS Developed Markets Large & Mid Cap EUR Index NTR

EUR	30D	90D	180D	360D	YTD	Since Inception
Performance	-0.4%	1.8%	4.2%	13.0%	22.2%	9.3%
Performance (p.a.)	-	-	-	-	-	8.1%
Volatility (p.a.)	11.1%	13.8%	11.9%	12.7%	11.2%	12.6%
High	1208.58	1208.58	1208.58	1208.58	1208.58	1208.58
Low	1171.80	1127.72	1097.09	935.10	967.69	935.10
Sharpe Ratio	-0.41	0.57	0.77	1.07	2.60	0.67
Max. Drawdown	-3.0%	-5.9%	-5.9%	-13.5%	-5.9%	-16.4%
VaR 95 \ 99				-23.5% \ -31.3%		-22.9% \ -37.7%
CVaR 95 \ 99				-31.0% \ -44.8%		-31.9% \ -44.8%

Composition by Currencies



Composition by Countries



COMPONENTS AS OF 17-Oct-2019

Ticker	Currency	Country	Company	Index Weight (%)
GPN UN Equity	USD	US	GLOBAL PAYMENTS INC	12.51%
FIS UN Equity	USD	US	FIDELITY NATIONAL INFORMATION SERVICES INC	11.50%
PAGS UN Equity	USD	KY	PAGSEGURO DIGITAL LTD	7.54%
STNE UW Equity	USD	KY	STONECO LTD	6.76%
FLT UN Equity	USD	US	FLEETCOR TECHNOLOGIES INC	6.35%
3769 JT Equity	JPY	JP	GMO PAYMENT GATEWAY INC	5.86%
MA UN Equity	USD	US	MASTERCARD INC-CLASS A	5.78%
EEFT UW Equity	USD	US	EURONET WORLDWIDE INC	5.78%
WLN FP Equity	EUR	FR	WORLDLINE SA	5.46%
WEX UN Equity	USD	US	WEX INC	5.44%
V UN Equity	USD	US	VISA INC-CLASS A SHARES	5.28%
EDEN FP Equity	EUR	FR	EDENRED	4.91%
PYPL UW Equity	USD	US	PAYPAL HOLDINGS INC.	4.67%
ADYEN NA Equity	EUR	NL	ADYEN NV	4.52%
WDI GY Equity	EUR	DE	WIRECARD AG	3.38%
Ticker	Currency	Country	Company	Index Weight (%)
ADS UN Equity	USD	US	ALLIANCE DATA SYSTEMS CORP	3.04%
GDOT UN Equity	USD	US	GREEN DOT CORP	1.21%

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