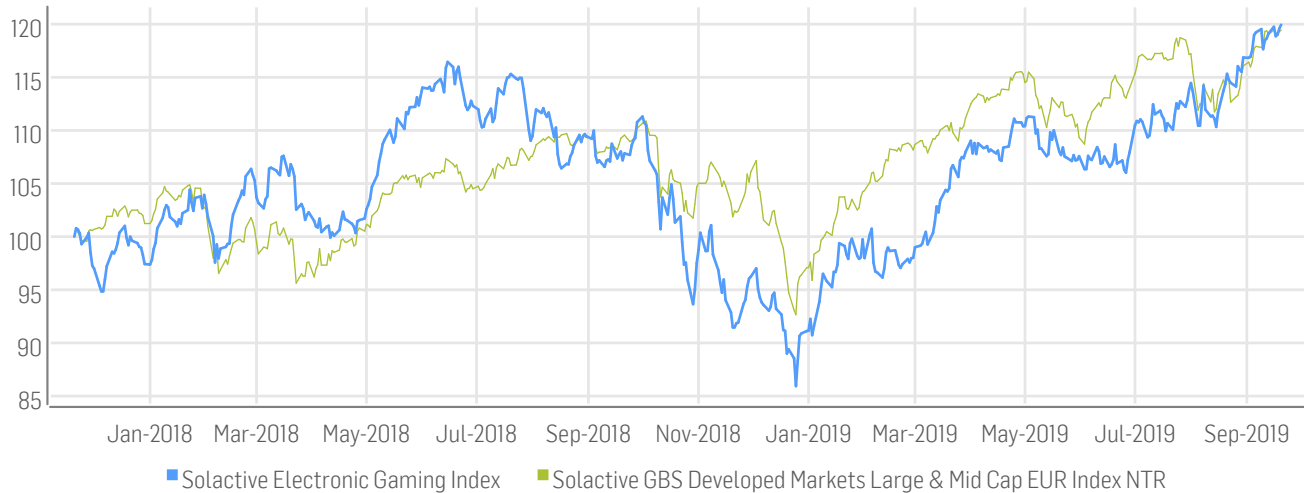


# FACTSHEET - AS OF 20-Sep-2019

## Solactive Electronic Gaming Index

### HISTORICAL PERFORMANCE\*



### CHARACTERISTICS

ISIN / WKN	DE000SLA2EX3 / SLA2EX	Base Value / Base Date	100 Points / 21.07.2016
Bloomberg / Reuters	/ .SOLGAME	Last Price	184.87
Index Calculator	Solactive AG	Dividends	Reinvested (Total Return Index)
Index Type	Net Total Return	Calculation	08:00am to 10:50pm (CET), every 15 seconds
Index Currency	EUR	History	Available daily back to 21.07.2016
Index Members	20		

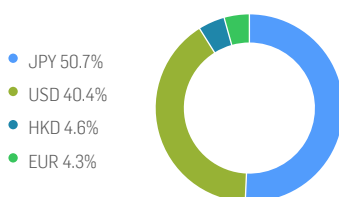
## STATISTICS

	30D	90D	180D	360D	YTD	Since Inception
Performance	4.0%	12.2%	12.4%	10.5%	31.6%	84.9%
Performance (p.a.)	-	-	-	-	-	21.4%
Volatility (p.a.)	11.0%	14.7%	13.7%	17.7%	14.7%	15.0%
High	184.87	184.87	184.87	184.87	184.87	184.87
Low	175.92	163.41	162.80	132.45	139.84	96.77
Sharpe Ratio	5.63	4.08	1.99	0.62	3.18	1.45
Max. Drawdown	-1.6%	-3.6%	-4.8%	-22.8%	-4.8%	-26.2%
VaR 95 \ 99				-32.3% \ -46.0%		-25.4% \ -39.6%
CVaR 95 \ 99				-40.5% \ -49.3%		-34.6% \ -46.6%

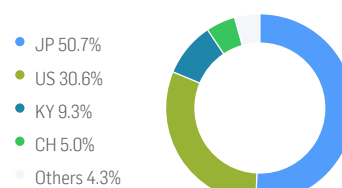
## STATISTICS - GBS - Solactive GBS Developed Markets Large & Mid Cap EUR Index NTR

EUR	30D	90D	180D	360D	YTD	Since Inception
Performance	3.9%	4.2%	8.8%	9.5%	23.0%	19.4%
Performance (p.a.)	-	-	-	-	-	10.2%
Volatility (p.a.)	10.1%	12.8%	11.4%	13.1%	11.1%	11.9%
High	1205.43	1205.43	1205.43	1205.43	1205.43	1205.43
Low	1136.96	1127.72	1097.09	935.10	967.69	935.10
Sharpe Ratio	5.92	1.45	1.67	0.77	3.03	0.88
Max. Drawdown	-2.0%	-5.9%	-5.9%	-16.4%	-5.9%	-16.4%
VaR 95 \ 99				-24.4% \ -38.8%		-22.9% \ -37.7%
CVaR 95 \ 99				-33.3% \ -47.9%		-31.6% \ -45.7%

## Composition by Currencies



## Composition by Countries



## TOP COMPONENTS AS OF 20-Sep-2019

Company	Ticker	Country	Currency	Index Weight (%)
SQUARE ENIX HOLDINGS CO LTD ORD	9684 JT Equity	JP	JPY	5.67%
CAPCOM CO LTD	9697 JT Equity	JP	JPY	5.64%
SONY CORP	6758 JT Equity	JP	JPY	5.60%
BANDAI NAMCO HOLDINGS INC	7832 JT Equity	JP	JPY	5.53%
ACTIVISION BLIZZARD INC	ATVI UW Equity	US	USD	5.52%
SEGA SAMMY HOLDINGS INC	6460 JT Equity	JP	JPY	5.46%
TAKE-TWO INTERACTIVE SOFTWARE	TTWO UW Equity	US	USD	5.42%
NVIDIA CORP	NVDA UW Equity	US	USD	5.40%
KOEI TECMO HOLDINGS CO LTD	3635 JT Equity	JP	JPY	5.25%
NINTENDO CO LTD	7974 JT Equity	JP	JPY	5.05%
LOGITECH INTERNATIONAL SA	LOGI UW Equity	CH	USD	5.03%
MICROSOFT CORP	MSFT UW Equity	US	USD	4.89%
ELECTRONIC ARTS INC	EA UW Equity	US	USD	4.80%
NETEASE INC-ADR	NTES UW Equity	KY	USD	4.78%
KONAMI HOLDINGS CORP	9766 JT Equity	JP	JPY	4.70%

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