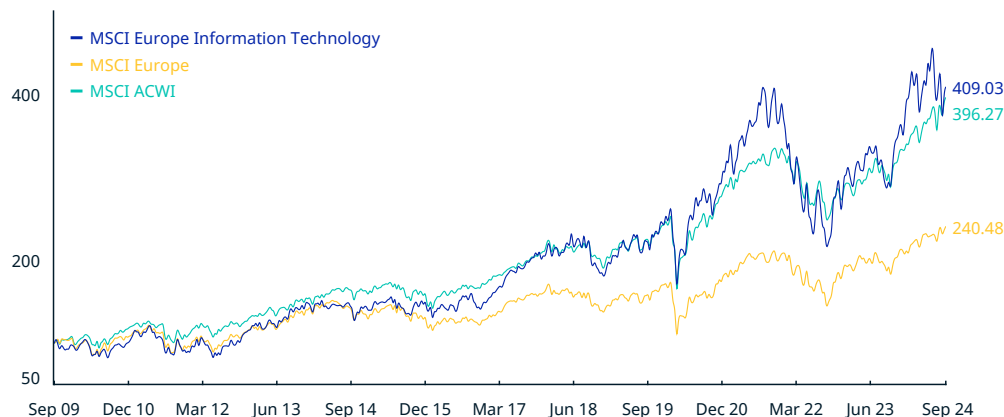


MSCI Europe Information Technology Index (USD)

The **MSCI Europe Information Technology Index** is designed to capture the large and mid cap segments across 15 Developed Markets (DM) countries in Europe*. All securities in the index are classified in the Information Technology sector as per the Global Industry Classification Standard (GICS®).

For a complete description of the index methodology, please see [Index methodology - MSCI](#).

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (SEP 2009 – SEP 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Europe Information Technology	MSCI Europe	MSCI ACWI
2023	39.07	19.89	22.20
2022	-33.05	-15.06	-18.36
2021	26.95	16.30	18.54
2020	24.79	5.38	16.25
2019	35.09	23.77	26.60
2018	-11.30	-14.86	-9.41
2017	36.18	25.51	23.97
2016	1.20	-0.40	7.86
2015	3.62	-2.84	-2.36
2014	-4.76	-6.18	4.16
2013	33.38	25.23	22.80
2012	27.72	19.12	16.13
2011	-12.75	-11.06	-7.35
2010	8.86	3.88	12.67

INDEX PERFORMANCE – NET RETURNS (%) (SEP 30, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 29, 2000
					3 Yr	5 Yr	10 Yr		
MSCI Europe Information Technology	-1.98	-6.64	39.81	12.82	3.28	13.31	11.12	1.72	
MSCI Europe	0.39	6.58	25.23	12.77	6.66	8.90	5.59	4.86	
MSCI ACWI	2.32	6.61	31.76	18.66	8.09	12.19	9.39	6.64	

FUNDAMENTALS (SEP 30, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
1.13	33.76	24.85	5.33
3.14	15.20	13.55	2.11
1.85	21.76	17.94	3.18

INDEX RISK AND RETURN CHARACTERISTICS (SEP 30, 2024)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 29, 2000	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Europe Information Technology	0.64	28.47	26.72	22.24	0.13	0.52	0.51	0.32	86.94	2000-02-29–2002-10-08
MSCI Europe	3.34	18.11	19.14	16.37	0.26	0.42	0.31	0.33	62.99	2007-10-31–2009-03-09
MSCI ACWI	2.48	16.57	17.37	14.78	0.35	0.62	0.57	0.37	58.38	2007-10-31–2009-03-09

¹ Last 12 months

² Based on monthly net returns data

³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

* Developed Markets countries in Europe include: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the UK.

The MSCI Europe Information Technology Index was launched on Sep 15, 1999. Data prior to the launch date is back-tested test (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance – whether actual or back-tested – is no indication or guarantee of future performance.

INDEX CHARACTERISTICS

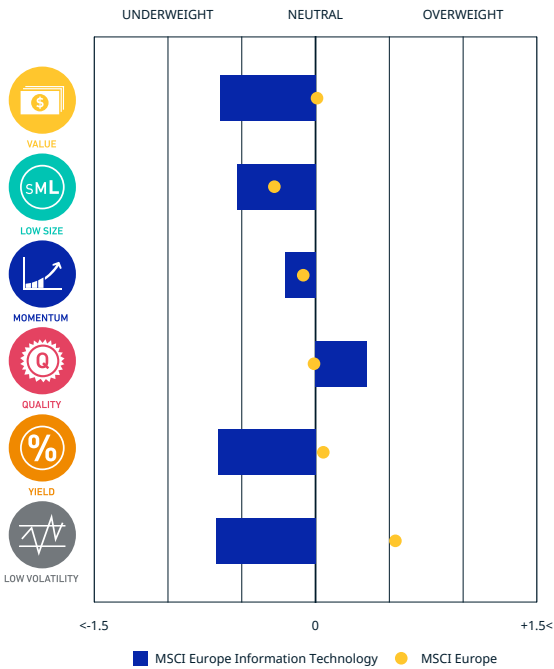
MSCI Europe Information Technology	
Number of Constituents	17
Mkt Cap (USD Millions)	
Index	859,223.54
Largest	332,505.07
Smallest	3,667.15
Average	50,542.56
Median	20,996.51

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)
ASML HLDG	NL	332.51	38.70
SAP	DE	238.21	27.72
INFINEON TECHNOLOGIES	DE	45.85	5.34
CAPGEMINI	FR	33.63	3.91
ASM INTERNATIONAL	NL	30.89	3.59
DASSAULT SYSTEMES	FR	26.61	3.10
NOKIA CORP	FI	23.35	2.72
HEXAGON B	SE	22.37	2.60
ERICSSON (LM) B	SE	21.00	2.44
STMICROELECTRONICS	FR	20.14	2.34
Total		794.55	92.47

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



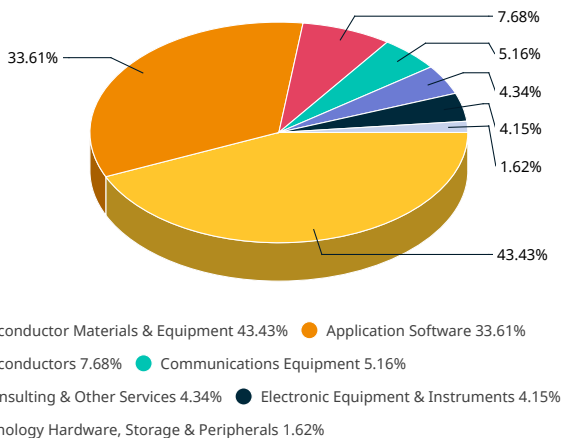
MSCI FaCS

- VALUE**
Relatively Inexpensive Stocks
- LOW SIZE**
Smaller Companies
- MOMENTUM**
Rising Stocks
- QUALITY**
Sound Balance Sheet Stocks
- YIELD**
Cash Flow Paid Out
- LOW VOLATILITY**
Lower Risk Stocks

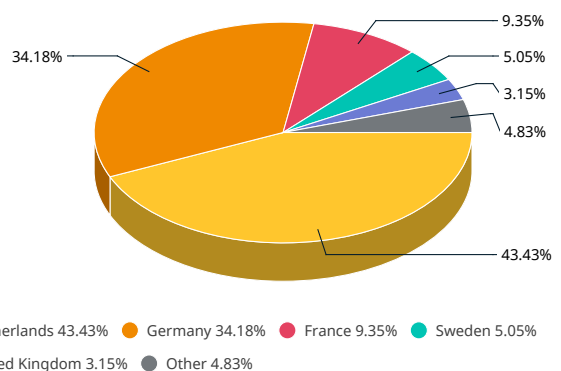
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

SUB-INDUSTRY WEIGHTS



COUNTRY WEIGHTS



MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology [here](#))

MSCI FaCS is a standard method for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

ABOUT MSCI

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