Morningstar® Global Markets Technology and Comm Services Moat Focus Index[™] 20-Sep-24

The index follows a staggered rebalancing approach in which the index is divided into two sub-portfolios, each containing 25 stocks. One sub-portfolio reconstitutes in December and June; the other sub-portfolio reconstitutes in March and September. The information here pertains only to the subportfolio being reconstituted.

For More Information:

http://indexes.morningstar.com US: +1 312 384-3735 Europe: +44 20 3194 1082

Reconstituted Holdings						
Name	Ticker	Country	Sector	Moat Rating	Price/Fair Value	Weight (%)
Tencent Holdings Ltd.	00700	China	Communication Services	Wide	0.52	4.00
Sensata Technologies Holding PLC	ST	United States	Technology	Narrow	0.54	4.00
Infineon Technologies	IFX	Germany	Technology	Narrow	0.57	4.00
Win Semiconductors Corp. Ordinary Shares	3105	Taiwan	Technology	Narrow	0.61	4.00
Samsung Electro-Mechanics	009150	South Korea	Technology	Narrow	0.64	4.00
Taiwan Semiconductor Manufacturing Common Stock	2330	Taiwan	Technology	Wide	0.66	4.00
Murata Mfg Co. Ltd 100	6981	Japan	Technology	Wide	0.68	4.00
Pinterest Inc Ordinary Shares CIs A	PINS	United States	Communication Services	Narrow	0.68	4.00
Block Inc Common Stock	SQ	United States	Technology	Narrow	0.68	4.00
Telus Corporation Shs	Т	Canada	Communication Services	Narrow	0.68	4.00
BT Group PLC	BT.A	United Kingdom	Communication Services	Narrow	0.70	4.00
Rogers Communications Inc Common Stock B	RCI.B	Canada	Communication Services	Narrow	0.70	4.00
NXP Semiconductors NV Common Stock	NXPI	United States	Technology	Wide	0.70	4.00
Liberty Global Ltd Class C	LBTYK	United States	Communication Services	Narrow	0.71	4.00
Alphabet Inc Class A	GOOGL	United States	Communication Services	Wide	0.71	4.00
Sino-American Silicon Products	5483	Taiwan	Technology	Narrow	0.72	4.00
GlobalWafers Co Ltd Shs	6488	Taiwan	Technology	Narrow	0.73	4.00
Zscaler Inc shs	ZS	United States	Technology	Narrow	0.73	4.00
Sony Group Corp Common Stock	6758	Japan	Technology	Wide	0.73	4.00
Samsung Electronics Ltd. Common Stock	005930	South Korea	Technology	Narrow	0.74	4.00
Lyft Inc Shs Class A	LYFT	United States	Technology	Narrow	0.75	4.00
Mediatek Inc. Common Stock	2454	Taiwan	Technology	Narrow	0.81	4.00
Cognizant Technology Solutions Corporation A	CTSH	United States	Technology	Narrow	0.81	4.00
Verizon Communications Inc.	VZ	United States	Communication Services	Narrow	0.82	4.00
SS&C Technologies Holdings Inc	SSNC	United States	Technology	Narrow	0.83	4.00

Added Holdings

-				-	Previous Recon Failed Screen			
Name	Ticker	Country	Sector	Weight(%)	Moat Rating	Price/Fair Value	12-month momentum	Others
Liberty Global Ltd Class C*	LBTYK	United States	Communication Services	4.23				•
BT Group PLC	BT.A	United Kingdom	Communication Services	4.22			•	
Rogers Communications Inc Common Stock B	RCI.B	Canada	Communication Services	nunication Services 4.11		•		
Telus Corporation Shs	Т	Canada	Communication Services	munication Services 4.08		•		
Tencent Holdings Ltd.	00700	China	Communication Services 4.01			•		
Block Inc Common Stock	SQ	United States	Technology	Technology 3.91		•		
Sensata Technologies Holding PLC	ST	United States	Technology	3.75			•	
GlobalWafers Co Ltd Shs	6488	Taiwan	Technology	Technology 3.68		•		
Win Semiconductors Corp. Ordinary Shares	3105	Taiwan	Technology	1.97			•	
Pinterest Inc Ordinary Shares CIs A**	PINS	United States	Communication Services	1.97				٠
NXP Semiconductors NV Common Stock	NXPI	United States	Technology 1.97 •		•			
Zscaler Inc shs	ZS	United States	Technology	Technology 1.97		•		
Sony Group Corp Common Stock	6758	Japan	Technology	1.97	٠			
Samsung Electronics Ltd. Common Stock	005930	South Korea	Technology	1.97		•		
*Addition to Universe								

**Country/Sector Constraints

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Removed Holdings						Enilod Soro	en (Reason for i	romoval)	
						Moat	Price/Fair	12-month	
Name	Ticker		Country			Rating	Value	momentum	Others
Roblox Corp Ordinary Shares - Class A	RBLX	Unit	ted States	Commun	ication Services		•		
Smartsheet Inc shs Class A	SMAR	Unit	ted States	Technolo	gy		•		
Quebecor Inc. B	QBR/B	Can	ada	Commun	ication Services		•		
Skyworks Solutions Inc.	SWKS	Unit	ted States	Technolo	ġλ		•		
Largan Precision Co. Ltd. Common Stock	3008	Taiv	van	Technolo	gy		٠		
Teradyne Inc.	TER	Unit	ted States	Technolo	gy		٠		
DoorDash Inc Ordinary Shares - Class A	DASH	Unit	ted States	Commun	ication Services		•		
Tyler Technologies Inc.	TYL	Unit	ted States	Technolo	ldλ		•		
Comcast Corporation A	CMCSA	Unit	ted States	Commun	ication Services			•	
ON Semiconductor Corporation	ON	Unit	ted States	Technolo	gy			•	
Sirius XM Holdings Inc.	SIRI	Unit	ted States	Commun	ication Services			•	
Ubisoft Entertainment	UBI	Frar	nce	Commun	ication Services			•	
SOITEC	SOI	Frar	nce	Technolo	αν			•	
NetEase Inc Ordinary Shares	9999	Chir	าล		ication Services			•	
Next Potential Holdings									
Name	Tick	er	Country		Sector		Moat Rating	Price/	Fair Value
Universal Music Group NV	UN		Netherlands		Communication Services		Wide		0.74
ASML Holding NV Common Stock Bearer Form	AS		Netherlands		Technology		Wide		0.75
Millicom International Cellular SA SEDR	DIS	O SDB	Sweden United States		Communication Services		Narrow Wide		0.77 0.77
The Walt Disney Co Shs Adyen NV Ordinary Shares		YEN	Netherlands		Communication Services Technology		Wide		0.77
Elastic N.V Ordinary Shares	ES		United States		Technology		Narrow		0.78
Vontier Corp Ordinary Shares	VN		United States		Technology		Narrow		0.80
Interpublic Group of Companies	IPO	i	United States		Communication Services		Narrow		0.80
Crowdstrike Holdings Inc Ordinary Shares - Class A	CR	WD	United States		Technology		Narrow		0.83
Littelfuse Inc.	LFU	JS	United States		Technology		Narrow		0.83
Index Holdings									
Name	Tick	er	Country		Sector			٧	Neight(%)
SS&C Technologies Holdings Inc	SS	NC	United States	S	Technology				4.41
Cognizant Technology Solutions Corporation A	CT		United States		Technology				4.33
Liberty Global Ltd Class C		ΥK	United States		Communicat				4.23
BT Group PLC	BT.	A	United Kingd		Communicat				4.22
Verizon Communications Inc.	VZ		United States	S	Communicat				4.22
Rogers Communications Inc Common Stock B	RC	.В	Canada		Communicat				4.11
Telus Corporation Shs Tencent Holdings Ltd.	T 001	700	Canada China		Communicat Communicat				4.08 4.01
Block Inc Common Stock	SQ	00	United States	\$	Technology		62		3.91
Samsung Electro-Mechanics		9150	South Korea	5	Technology				3.76
Sino-American Silicon Products	548	33	Taiwan		Technology				3.75
Sensata Technologies Holding PLC	ST		United States	S	Technology				3.75
GlobalWafers Co Ltd Shs	648		Taiwan		Technology				3.68
Infineon Technologies	IFX		Germany		Technology				3.51
Lyft Inc Shs Class A	LYI	•	United States	S	Technology				3.46



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Index Holdings Name	Ticker	Country	Sector	Weight(%)
Cogent Communications Holdings Inc Common Stock	CCOI	United States	Communication Services	2.70
Adobe Inc Shs	ADBE	United States		2.70
			Technology	
Largan Precision Co Ltd	3008	Taiwan	Technology	2.29
DoorDash Inc Ordinary Shares - Class A	DASH	United States	Communication Services	2.24
Millicom International Cellular SA SEDR	TIGO SDB	Sweden	Communication Services	2.19
Comcast Corporation A	CMCSA	United States	Communication Services	2.12
Fortive Corp Shs	FTV	United States	Technology	2.00
Pinterest Inc Ordinary Shares CIs A	PINS	United States	Communication Services	1.97
Win Semiconductors Corp. Ordinary Shares	3105	Taiwan	Technology	1.97
Samsung Electronics Ltd. Common Stock	005930	South Korea	Technology	1.97
Sony Group Corp Common Stock	6758	Japan	Technology	1.97
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NXP Semiconductors NV Common Stock	NXPI	United States	Technology	1.97
Alphabet Inc Class A	GOOGL	United States	Communication Services	1.97
Mediatek Inc. Common Stock	2454	Taiwan	Technology	1.97
NICE	NICE	lsrael	Technology	1.83
NetEase Inc Ordinary Shares	09999	China	Communication Services	1.68
STMicroelectronics NV.	STMPA	France	Technology	1.26

