

Recommendation Producer(s)	Date of Recommendation	ISIN	Security Name	Buy or Sell	Disclosures of Interest
Ashwani Mathur	04/11/2018	US5949181045	Microsoft	BUY	4
Ashwani Mathur	04/11/2018	US70450Y1038	Paypal	BUY	4
Ashwani Mathur	04/11/2018	US20030N1019	Comcast	BUY	4
Ashwani Mathur	04/11/2018	US4642876555	Russell 2000 ETF	BUY	4
Ashwani Mathur	12/11/2018	US64110L1061	NETFLIX INC	SELL	4
Ashwani Mathur	12/11/2018	US1773761002	CITRIX SYSTEMS INC	BUY	4
Ashwani Mathur	19/11/2018	US7170811035	PFIZER INC	BUY	4
Ashwani Mathur	19/11/2018	US6092071058	MONDELEZ INTERNATIONAL INC-A	BUY	4
Ashwani Mathur	19/11/2018	US1910981026	COCA-COLA BOTTLING CO CONSOL	BUY	4
Ashwani Mathur	19/11/2018	US7134481081	PEPSICO INC	BUY	4
Ashwani Mathur	19/11/2018	US7181721090	PHILIP MORRIS INTERNATIONAL	BUY	4
Ashwani Mathur	19/11/2018	US5010441013	KROGER CO	BUY	4
Ashwani Mathur	29/11/2018	GB00B1XZS820	ANGLO AMERICAN PLC	SELL	4
Ashwani Mathur	29/11/2018	LU1598757687	ARCELORMITTAL	SELL	4
Ashwani Mathur	29/11/2018	GB0000566504	BHP BILLITON PLC	SELL	4
Ashwani Mathur	29/11/2018	CH0012138530	CREDIT SUISSE GROUP AG-REG	SELL	4
Ashwani Mathur	29/11/2018	GB0007188757	RIO TINTO PLC	SELL	4
Ashwani Mathur	11/12/2018	US4523271090	ILLUMINA INC	BUY	4
Ashwani Mathur	14/12/2018	US81369Y6059	FINANCIAL SELECT SECTOR SPDR	SELL	4
Ashwani Mathur	14/12/2018	US78464A6982	SPDR S&P REGIONAL BANKING	SELL	4

Recommendations under MAR

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Disclosures of interest

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6. Cantor Fitzgerald Europe is party to an agreement with the relevant issuer relating to the provision of investment banking services (including, for example, broking and financial advisory roles) and the agreement has
7. Cantor Fitzgerald Europe is party to an agreement with the relevant issuer relating to the production of research, although the timing and content of the research is exclusively the preserve of the analyst
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9. A draft of this investment recommendation has been shown to the company following which factual amendments have been made
10. A draft of this investment recommendation has been shown to the company following which no factual amendments have been made
11. Cantor Fitzgerald Europe is party to an agreement with the relevant issuer relating to the provision of certain broking services