euromicron AG

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Germany | Electronic & Electrical Equipment

Investment Research



Company Flash Note

Buy			
Recommendation unchang	ged		
Share price: EUR			6.20
closing price as of 27/09/2018	8		
Target price: EUR			11.40
Target Price unchanged			
Upside/Downside	Potenti	ial 8	3.9%
Reuters/Bloomberg		EUCG.DE/E	EUCA GY
Market capitalisation (EUI	Rm)		44
Current N° of shares (m)			7
Free float			100%
Daily avg. no. trad. sh. 12 m	th		7
Daily avg. trad. vol. 12 mth (55.70
Price high/low 12 months	,	5.	58 / 8.94
Abs Perfs 1/3/12 mths (%)		-3.43/-8.0	
ADS F 6113 1/3/12 111(13 (70)		-3.43/-0.0	17-24.40
Key financials (EUR)	12/17	12/18e	12/19e
Sales (m)	333	347	365
EBITDA (m)	10	12	17
EBITDA margin	2.9%	3.4%	4.5%
EBIT (m)	1	3	7
EBIT margin	0.3%	0.9%	2.0%
Net Profit (adj.)(m)	(1)	1	2
ROCE	1.9%	2.4%	2.7%
Net debt/(cash) (m)	86	87	85
Net Debt Equity	1.1	1.1	1.1
Net Debt/EBITDA	9.0	7.3	5.1
Int. cover(EBITDA/Fin.int)	2.0	2.5	3.9
EV/Sales	0.4	0.4	0.4
EV/EBITDA	15.4	11.3	8.0
EV/EBITDA (adj.)	10.8	8.7	8.0
EV/EBIT	nm	43.2	17.7
P/E (adj.)	nm	43.0	20.6
P/BV	0.7	0.6	0.6
OpFCF yield	-21.3%	-2.1%	6.4%
Dividend yield	0.0%	0.0%	0.0%
EPS (adj.)	(0.13)	0.14	0.30
BVPS	10.86	10.66	10.96
DPS	0.00	0.00	0.00

Carl Ernst Veit Paas 5%; LAZARD FRERES 3%; Chr. Bischoff



Analyst(s)

Shareholders

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28 September 2018

New framework contract with DB Station&Service AG

The fact that euromicron Deutschland GmbH was awarded a new, three-year's (plus one year of prolongation possible) master agreement from DB Station&Service AG for video surveillance solutions at long-distance train stations, demonstrates again the high technological competence and reliability of euromicron. Until year end 2018e euromicron will finalise the transformation phase of its overall group transformation program. Given the volatile project business and the seasonal character of the project business, we continue in our view that the dominant part of the full-year 2018e profit will be realised in Q3 and Q4. We confirm our target price and recommendation.

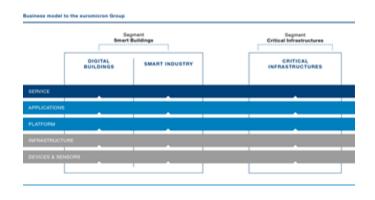
- ✓ New framework contract from DB Station&Service AG received: euromicron Deutschland GmbH again has been selected by DB Station&Service AG in an open tender procedure for a framework contract to equip and optimize the existing video surveillance system at German long-distance train stations. The contract covers delivery, installation configuration and system integration of these systems. Contract length is about three years with the possibility to extend by one year. A contract value was not disclosed but is significant in our view. Given the contract profile, euromicron will support Deutsche Bahn's overall security concept. euromicron already equipped several song distance train stations like e.g. Bremen, Hamburg, Hanover, Cologne or Nuremberg with full-HD IP video surveillance systems.
- ✓ Key customer Deutsche Bahn: According to our own assessment Deutsche
 Bahn is the most important single customer for the euromicron group. In FY
 2017 (not mentioned by name) the most important single customer generated
 sales of EUR 33.9m equal to 10.2% of euromicron's group sales.
- ✓ High competence demonstrated at earlier projects: euromicron already demonstrated to be a reliable partner for Deutsche Bahn at earlier comparable projects. This could strengthen euromicron's position when negotiating with other rail or industrial customers. For example the company in March 2018 finalised a comparable project for Deutsche Bahn for the main station in Hamburg. This project covered the installation of 190 full-HD IP cameras and a complete video management system including 30 switches and 11,000 meters of cable. Another project for the main station in Hanover was finalised in May this year. This project was realised in a very short time and covers e.g. 170 IP cameras and a complete cable infrastructure with multi-pair fiber-optics cables.
- Key risks comprise e.g. 1) General risks coming from the long-term project business like for example cost overruns or penalty payments. 2) Goodwill-to-equity ratio of >100% somewhat unusual high; inherent potential risk of impairments. 3) The need to hire skilled employees could become more difficult. 4) General risk of an economic downturn, in particular in the Buildings/Construction industry could lower profitability.
- √ 9M/Q3 report: 08 November 2018.





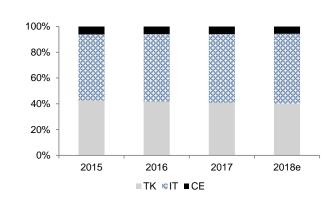
Investment Case in Charts

Exhibit 1: Offering integrated solutions



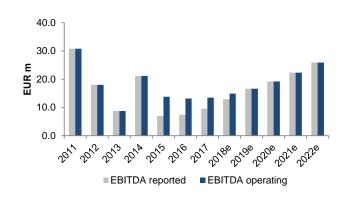
Source: Company data

Exhibit 2: German ICT-market will continue to grow 2018e



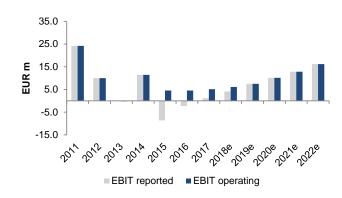
Source: Bitkom

Exhibit 3: Margin improvement on EBITDA level...



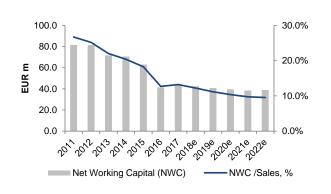
Source: Company data, equinet Research

Exhibit 4: . . . and on EBIT level too



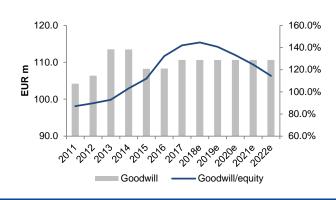
Source: Company data, equinet Research

Exhibit 5: Working capital control with high priority



Source: Company data, equinet Research

Exhibit 6: euromicron with high goodwill exposure



Source: Company data, equinet Research





euroniicion AG . Summary tables						
PROFIT & LOSS (EURm)	12/2014	12/2015	12/2016	12/2017	12/2018e	12/2019e
Sales	346	345	325	333	347	365
Cost of Sales & Operating Costs	-323	-325	-312	-319	-332	-348
Non Recurrent Expenses/Income	0.0	-13.1	-5.8	-4.0	-3.5	0.0
EBITDA	23.5	6.9	7.4	9.5	11.9	16.6
EBITDA (adj.)*	23.5	20.1	13.2	13.5	15.4	16.6
Depreciation	-12.0	-15.6	-8.7	-8.4	-8.8	-9.1
EBITA	11.5	-8.6	-1.3	1.1	3.1	7.5
EBITA (adj)*	11.5	4.5	4.5	5.1	6.6	7.5
Amortisations and Write Downs	0.0	0.0	-1.0	0.0	0.0	0.0
of which PPA amortisation	0.0	0.0	-1.0	0.0	0.0	0.0
EBIT	11.5	-8.6	-2.3	1.1	3.1	7.5
EBIT (adj.)*	11.5	4.5	4.5	5.1	6.6	7.5
Net Financial Interest	-3.7	-4.1	-5.4	-4.7	-4.7	-4.2
Other Financials	0.0	0.0	0.0	0.0	0.0	0.0
Associates	0.0	0.0	0.0	0.0	0.0	0.0
Other Non Recurrent Items	0.0	0.0	0.0	0.0	0.0	0.0
Earnings Before Tax (EBT)	7.8	-12.7	-7.6	-3.6	-1.6	3.2
Tax	-4.9	-0.4	-4.9	0.1	0.4	-1.0
Tax rate	63.4%	n.m.	n.m.	1.4%	25.0%	30.0%
Discontinued Operations	0.0	0.0	0.0	0.0	0.0	0.0
Minorities	-0.3	-0.1	-0.2	-0.3	-0.2	-0.1
Net Profit (reported)	2.6	-13.2	-12.7	-3.8	-1.4	2.2
Net Profit (adj.)	2.6	-4.1	-7.9	-1.0	1.0	2.2
CASH FLOW (EURm)	12/2014	12/2015	12/2016	12/2017	12/2018e	12/2019e
Cash Flow from Operations before change in NWC	-3.0	-3.0	-28.8	1.1	8.5	12.6
Change in Net Working Capital	1.1	7.5	21.7	-2.6	1.5	1.7
Cash Flow from Operations	-1.9	4.5	-7.1	-1.6	10.1	14.3
Capex	-6.3	-6.5	-7.2	-10.8	-11.0	-11.4
Net Financial Investments	3.4	-2.6	-0.5	-2.7	0.0	0.0
Free Cash Flow	-4.9	-4.6	-14.8	-15.0	-1.0	2.8
Dividends	0.0	0.0	0.0	0.0	0.0	0.0
Other (incl. Capital Increase & share buy backs)	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0			
Change in Net Debt	-4.9	-4.6	-14.8	-15.0	-1.0	2.8
Change in Net Debt NOPLAT	-4.9 8.0	-4.6 3.2	-14.8 3.2	-15.0 3.6	-1.0 4.6	2.8 5.2
Change in Net Debt	-4.9	-4.6	-14.8	-15.0	-1.0	2.8
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm)	-4.9 8.0 12/2014	-4.6 3.2 12/2015	-14.8 3.2 12/2016	-15.0 3.6 12/2017	-1.0 4.6 12/2018e	2.8 5.2 12/2019e
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets	-4.9 8.0 12/2014 14.1	-4.6 3.2 12/2015 15.3	-14.8 3.2 12/2016 15.6	-15.0 3.6 12/2017 19.1	-1.0 4.6 12/2018e 21.8	2.8 5.2 12/2019e 24.4
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill)	-4.9 8.0 12/2014 14.1 134	-4.6 3.2 12/2015 15.3 126	-14.8 3.2 12/2016 15.6 125	-15.0 3.6 12/2017 19.1 127	-1.0 4.6 12/2018e 21.8 127	2.8 5.2 12/2019e 24.4 126
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other	-4.9 8.0 12/2014 14.1 134 0.9	-4.6 3.2 12/2015 15.3 126 1.0	-14.8 3.2 12/2016 15.6 125 0.9	-15.0 3.6 12/2017 19.1 127 0.5	-1.0 4.6 12/2018e 21.8 127 0.6	2.8 5.2 12/2019e 24.4 126 0.7
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets	-4.9 8.0 12/2014 14.1 134 0.9 149	-4.6 3.2 12/2015 15.3 126 1.0 142	-14.8 3.2 12/2016 15.6 125 0.9 141	-15.0 3.6 12/2017 19.1 127 0.5 147	-1.0 4.6 12/2018e 21.8 127 0.6 149	2.8 5.2 12/2019e 24.4 126 0.7 151
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0
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Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8 7.6 -15.7 138 287 110 0.4 110 55.8	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7 6.7 -10.7 129 271 96.6 0.4 97.0 54.8	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9 9.3 -6.8 103 245 81.9 0.5 82.4 65.5	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5 7.4 -5.0 105 252 77.9 0.6 78.5 78.6	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6 7.9 -3.5 105 254 76.5 0.6 77.1	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0 8.3 -4.8 106 257 78.7 0.6 79.3 75.4
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Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8 7.6 -15.7 138 287 110 0.4 110 55.8 3.1 13.1	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7 6.7 -10.7 129 271 96.6 0.4 97.0 54.8 3.1 7.5	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9 9.3 -6.8 103 245 81.9 0.5 82.4 65.5 3.1 6.7	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5 7.4 -5.0 105 252 77.9 0.6 78.5 78.6 3.2 7.5	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6 7.9 -3.5 105 254 76.5 0.6 77.1 77.5 3.4 7.8	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0 8.3 -4.8 106 257 78.7 0.6 79.3 75.4 3.4 8.1
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term Liabilities Short term interest bearing debt	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8 7.6 -15.7 138 287 110 0.4 110 55.8 3.1 13.1 72.0	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7 6.7 -10.7 129 271 96.6 0.4 97.0 54.8 3.1 7.5 65.3	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9 9.3 -6.8 103 245 81.9 0.5 82.4 65.5 3.1 6.7 75.2	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5 7.4 -5.0 105 252 77.9 0.6 78.5 78.6 3.2 7.5 89.2	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6 7.9 -3.5 105 254 76.5 0.6 77.1 77.5 3.4 7.8	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0 8.3 -4.8 106 257 78.7 0.6 79.3 75.4 3.4 8.1 86.9
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8 7.6 -15.7 138 287 110 0.4 110 55.8 3.1 13.1 72.0 9.0	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7 6.7 -10.7 129 271 96.6 0.4 97.0 54.8 3.1 7.5 65.3 10.0	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9 9.3 -6.8 103 245 81.9 0.5 82.4 65.5 3.1 6.7 75.2 11.0	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5 7.4 -5.0 105 252 77.9 0.6 78.5 78.6 3.2 7.5 89.2 12.0	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6 7.9 -3.5 105 254 76.5 0.6 77.1 77.5 3.4 7.8 88.7 13.0	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0 8.3 -4.8 106 257 78.7 0.6 79.3 75.4 3.4 8.1 86.9 14.0
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Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term Liabilities Short term interest bearing debt Trade payables Other current liabilities Total Current Liabilities Total Current Liabilities	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8 7.6 -15.7 138 287 110 0.4 110 55.8 3.1 13.1 72.0 9.0 44.2 51.8 105	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7 6.7 -10.7 129 271 96.6 0.4 97.0 54.8 3.1 7.5 65.3 10.0 48.4 50.1 108	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9 9.3 -6.8 103 245 81.9 0.5 82.4 65.5 3.1 6.7 75.2 11.0 45.9 30.1 87.0	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5 7.4 -5.0 105 252 77.9 0.6 78.5 78.6 3.2 7.5 89.2 12.0 49.0 23.4 84.4	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6 7.9 -3.5 105 254 76.5 0.6 77.1 77.5 3.4 7.8 88.7 13.0 51.0 24.1	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0 8.3 -4.8 106 257 78.7 0.6 79.3 75.4 3.4 8.1 86.9 14.0 51.7 25.1 90.8
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities Short current liabilities Total Current Liabilities Total Current Liabilities Total Liabilities and Shareholders' Equity	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8 7.6 -15.7 138 287 110 0.4 110 55.8 3.1 13.1 72.0 9.0 44.2 51.8 105 287	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7 6.7 -10.7 129 271 96.6 0.4 97.0 54.8 3.1 7.5 65.3 10.0 48.4 50.1 108 271	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9 9.3 -6.8 103 245 81.9 0.5 82.4 65.5 3.1 6.7 75.2 11.0 45.9 30.1 87.0 245	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5 7.4 -5.0 105 252 77.9 0.6 78.5 78.6 3.2 7.5 89.2 12.0 49.0 23.4 84.4 252	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6 7.9 -3.5 105 254 76.5 0.6 77.1 77.5 3.4 7.8 88.7 13.0 51.0 24.1 88.1 254	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0 8.3 -4.8 106 257 78.7 0.6 79.3 75.4 3.4 8.1 86.9 14.0 51.7 25.1 90.8 257
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term Liabilities Short term interest bearing debt Trade payables Other current liabilities Total Current Liabilities Total Current Liabilities	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8 7.6 -15.7 138 287 110 0.4 110 55.8 3.1 13.1 72.0 9.0 44.2 51.8 105	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7 6.7 -10.7 129 271 96.6 0.4 97.0 54.8 3.1 7.5 65.3 10.0 48.4 50.1 108	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9 9.3 -6.8 103 245 81.9 0.5 82.4 65.5 3.1 6.7 75.2 11.0 45.9 30.1 87.0	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5 7.4 -5.0 105 252 77.9 0.6 78.5 78.6 3.2 7.5 89.2 12.0 49.0 23.4 84.4	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6 7.9 -3.5 105 254 76.5 0.6 77.1 77.5 3.4 7.8 88.7 13.0 51.0 24.1	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0 8.3 -4.8 106 257 78.7 0.6 79.3 75.4 3.4 8.1 86.9 14.0 51.7 25.1 90.8
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term Liabilities Total Long Term Liabilities Short term interest bearing debt Trade payables Other current liabilities Total Current Liabilities Total Current Liabilities Total Liabilities and Shareholders' Equity Net Capital Employed	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8 7.6 -15.7 138 287 110 0.4 110 55.8 3.1 13.1 72.0 9.0 44.2 51.8 105 287 176	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7 6.7 -10.7 129 271 96.6 0.4 97.0 54.8 3.1 7.5 65.3 10.0 48.4 50.1 108 271 162	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9 9.3 -6.8 103 245 81.9 0.5 82.4 65.5 3.1 6.7 75.2 11.0 45.9 30.1 87.0 245 162	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5 7.4 -5.0 105 252 77.9 0.6 78.5 78.6 3.2 7.5 89.2 12.0 49.0 23.4 84.4 252 175	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6 7.9 -3.5 105 254 76.5 0.6 77.1 77.5 3.4 7.8 88.7 13.0 51.0 24.1 88.1 254 175	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0 8.3 -4.8 106 257 78.7 0.6 79.3 75.4 3.4 8.1 86.9 14.0 51.7 25.1 90.8 257 175
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities Short term interest bearing debt Trade payables Other current liabilities Total Current Liabilities Total Liabilities and Shareholders' Equity Net Capital Employed Net Working Capital	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8 7.6 -15.7 138 287 110 0.4 110 55.8 3.1 13.1 72.0 9.0 44.2 51.8 105 287 176 70.6	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7 6.7 -10.7 129 271 96.6 0.4 97.0 54.8 3.1 7.5 65.3 10.0 48.4 50.1 108 271 162 63.0	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9 9.3 -6.8 103 245 81.9 0.5 82.4 65.5 3.1 6.7 75.2 11.0 45.9 30.1 87.0 245 162 41.4	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5 7.4 -5.0 105 252 77.9 0.6 78.5 78.6 3.2 7.5 89.2 12.0 49.0 23.4 84.4 252 175 44.0	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6 7.9 -3.5 105 254 76.5 0.6 77.1 77.5 3.4 7.8 88.7 13.0 51.0 24.1 88.1 254 175	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0 8.3 -4.8 106 257 78.7 0.6 79.3 75.4 3.4 8.1 86.9 14.0 51.7 25.1 90.8 257 175 40.8
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities Short term interest bearing debt Trade payables Other current liabilities Total Current Liabilities Total Liabilities and Shareholders' Equity Net Capital Employed Net Working Capital GROWTH & MARGINS	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8 7.6 -15.7 138 287 110 0.4 110 55.8 3.1 13.1 72.0 9.0 44.2 51.8 105 287 176 70.6	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7 6.7 -10.7 129 271 96.6 0.4 97.0 54.8 3.1 7.5 65.3 10.0 48.4 50.1 108 271 162 63.0	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9 9.3 -6.8 103 245 81.9 0.5 82.4 65.5 3.1 6.7 75.2 11.0 45.9 30.1 87.0 245 162 41.4	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5 7.4 -5.0 105 252 77.9 0.6 78.5 78.6 3.2 7.5 89.2 12.0 49.0 23.4 84.4 252 175 44.0	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6 7.9 -3.5 105 254 76.5 0.6 77.1 77.5 3.4 7.8 88.7 13.0 51.0 24.1 88.1 254 175 42.5	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0 8.3 -4.8 106 257 78.7 0.6 79.3 75.4 3.4 8.1 86.9 14.0 51.7 25.1 90.8 257 175 40.8
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities Short term interest bearing debt Trade payables Other current liabilities Total Current Liabilities Total Liabilities and Shareholders' Equity Net Capital Employed Net Working Capital GROWTH & MARGINS Sales growth	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8 7.6 -15.7 138 287 110 0.4 110 55.8 3.1 13.1 72.0 9.0 44.2 51.8 105 287 176 70.6	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7 6.7 -10.7 129 271 96.6 0.4 97.0 54.8 3.1 7.5 65.3 10.0 48.4 50.1 108 271 162 63.0	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9 9.3 -6.8 103 245 81.9 0.5 82.4 65.5 3.1 6.7 75.2 11.0 45.9 30.1 87.0 245 162 41.4	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5 7.4 -5.0 105 252 77.9 0.6 78.5 78.6 3.2 7.5 89.2 12.0 49.0 23.4 84.4 252 175 44.0	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6 7.9 -3.5 105 254 76.5 0.6 77.1 77.5 3.4 7.8 88.7 13.0 51.0 24.1 88.1 254 175 42.5	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0 8.3 -4.8 106 257 78.7 0.6 79.3 75.4 3.4 8.1 86.9 14.0 51.7 25.1 90.8 257 175 40.8
Change in Net Debt NOPLAT BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities Short term interest bearing debt Trade payables Other current liabilities Total Current Liabilities Total Liabilities and Shareholders' Equity Net Capital Employed Net Working Capital GROWTH & MARGINS Sales growth EBITDA (adj.)* growth	-4.9 8.0 12/2014 14.1 134 0.9 149 29.0 85.8 7.6 -15.7 138 287 110 0.4 110 55.8 3.1 13.1 72.0 9.0 44.2 51.8 105 287 176 70.6	-4.6 3.2 12/2015 15.3 126 1.0 142 30.8 80.7 6.7 -10.7 129 271 96.6 0.4 97.0 54.8 3.1 7.5 65.3 10.0 48.4 50.1 108 271 162 63.0 12/2015 -0.4% -14.5%	-14.8 3.2 12/2016 15.6 125 0.9 141 28.4 58.9 9.3 -6.8 103 245 81.9 0.5 82.4 65.5 3.1 6.7 75.2 11.0 45.9 30.1 87.0 245 162 41.4	-15.0 3.6 12/2017 19.1 127 0.5 147 31.5 61.5 7.4 -5.0 105 252 77.9 0.6 78.5 78.6 3.2 7.5 89.2 12.0 49.0 23.4 84.4 252 175 44.0	-1.0 4.6 12/2018e 21.8 127 0.6 149 31.8 61.6 7.9 -3.5 105 254 76.5 0.6 77.1 77.5 3.4 7.8 88.7 13.0 51.0 24.1 88.1 254 175 42.5	2.8 5.2 12/2019e 24.4 126 0.7 151 31.5 61.0 8.3 -4.8 106 257 78.7 0.6 79.3 75.4 3.4 8.1 86.9 14.0 51.7 25.1 90.8 257 175 40.8 12/2019e 5.2% 7.5%





euromicron	ΔG	Summary	tables

GROWTH & MARGINS	12/2014	12/2015	12/2016	12/2017	12/2018e	12/2019e
Net Profit growth	n.m.	n.m.	n.m.	n.m.	n.m.	108.8%
EPS adj. growth	n.m.	n.m.	n.m.	n.m.	n.m.	108.8%
DPS adj. growth						
EBITDA (adj)* margin	6.8%	5.8%	4.0%	4.1%	4.4%	4.5%
EBITA (adj)* margin	3.3%	1.3%	1.4%	1.5%	1.9%	2.0%
EBIT (adj)* margin	3.3%	1.3%	1.4%	1.5%	1.9%	2.0%
RATIOS	12/2014	12/2015	12/2016	12/2017	12/2018e	12/2019e
Net Debt/Equity	0.4	0.6	0.8	1.1	1.1	1.1
Net Debt/EBITDA	2.1	7.8	9.5	9.0	7.3	5.1
Interest cover (EBITDA/Fin.interest)	6.4	1.7	1.4	2.0	2.5	3.9
Capex/D&A	52.6%	41.6%	75.0%	128.3%	125.0%	125.3%
Capex/Sales	1.8%	1.9%	2.2%	3.2%	3.2%	3.1%
NWC/Sales	20.4%	18.3%	12.7%	13.2%	12.2%	11.2%
ROE (average)	2.2%	-3.9%	-8.9%	-1.2%	1.3%	2.8%
ROCE (adj.)	3.7%	1.5%	1.7%	1.9%	2.4%	2.7%
WACC	9.6%	9.6%	9.6%	9.6%	9.6%	9.6%
ROCE (adj.)/WACC	0.4	0.2	0.2	0.2	0.3	0.3
PER SHARE DATA (EUR)***	12/2014	12/2015	12/2016	12/2017	12/2018e	12/2019e
Average diluted number of shares	7.2	7.2	7.2	7.2	7.2	7.2
EPS (reported)	0.36	-1.85	-1.76	-0.53	-0.20	0.30
EPS (adj.)	0.36	-0.57	-1.10	-0.13	0.14	0.30
BVPS	15.33	13.46	11.41	10.86	10.66	10.96
DPS	0.00	0.00	0.00	0.00	0.00	0.00
VALUATION	12/2014	12/2015	12/2016	12/2017	12/2018e	12/2019e
EV/Sales	0.4	0.3	0.4	0.4	0.4	0.4
EV/EBITDA	5.7	16.0	15.5	15.4	11.3	8.0
EV/EBITDA (adj.)*	5.7	5.5	8.7	10.8	8.7	8.0
EV/EBITA	11.6	-12.8	-89.2	134.3	43.2	17.7
EV/EBITA (adj.)*	11.6	24.6	25.4	28.7	20.3	17.7
EV/EBIT	11.6	n.m.	n.m.	n.m.	43.2	17.7
EV/EBIT (adj.)*	11.6	24.6	25.4	28.7	20.3	17.7
P/E (adj.)	31.7	n.m.	n.m.	n.m.	43.0	20.6
P/BV	0.7	0.6	0.5	0.7	0.6	0.6
Total Yield Ratio	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EV/CE	0.6	0.5	0.6	8.0	0.7	0.7
OpFCF yield	-10.1%	-3.6%	-34.1%	-21.3%	-2.1%	6.4%
OpFCF/EV	-6.2%	-1.8%	-12.5%	-8.4%	-0.7%	2.2%
Payout ratio	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Dividend yield (gross)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
			40/0040	12/2017	12/2018e	12/2019e
EV AND MKT CAP (EURm)	12/2014	12/2015	12/2016	12/2017		
Price** (EUR)	12/2014 11.39	12/2015 7.57	5.85	8.09	6.20	6.20
Price** (EUR) Outstanding number of shares for main stock	11.39 7.2	7.57 7.2	5.85 7.2	8.09 7.2	6.20 7.2	6.20 7.2
Price** (EUR) Outstanding number of shares for main stock Total Market Cap	11.39 7.2 82	7.57 7.2 54	5.85 7.2 42	8.09 7.2 58	6.20	7.2
Price** (EUR) Outstanding number of shares for main stock Total Market Cap Net Debt	11.39 7.2	7.57 7.2	5.85 7.2 42 70	8.09 7.2 58 86	6.20 7.2 44 87	7.2 44 85
Price** (EUR) Outstanding number of shares for main stock Total Market Cap Net Debt o/w Cash & Marketable Securities (-)	11.39 7.2 82 49 -16	7.57 7.2 54 54 -11	5.85 7.2 42 70 -7	8.09 7.2 58 86 -5	6.20 7.2 44 87 -3	7.2 44 85
Price** (EUR) Outstanding number of shares for main stock Total Market Cap Net Debt o/w Cash & Marketable Securities (-) o/w Gross Debt (+)	11.39 7.2 82 49	7.57 7.2 54 54	5.85 7.2 42 70	8.09 7.2 58 86	6.20 7.2 44 87	7.2 44
Price** (EUR) Outstanding number of shares for main stock Total Market Cap Net Debt o/w Cash & Marketable Securities (-)	11.39 7.2 82 49 -16	7.57 7.2 54 54 -11	5.85 7.2 42 70 -7	8.09 7.2 58 86 -5	6.20 7.2 44 87 -3	7.2 44 85 -5

Notes

Company Description: euromicron went public in 1998 and is organized as a strategic management holding, while the operating business is done by currently 16 operating companies. The group operates in the target markets of Digital Buildings, Smart Industry and Critical Infrastructures. 2017 the group generates sales of EUR 333m with some 1,800 employees. Currently the group is in a transformation process and from 2019 owards wants to enter the "innovation & growth" phase.



^{*} Where EBITDA (adj.) or EBITA (adj)= EBITDA (or EBITA) -/+ Non Recurrent Expenses/Income and where EBIT (adj)= EBIT-/+ Non Recurrent Expenses/Income - PPA amortisation
**Price (in local currency): Fiscal year end price for Historical Years and Current Price for current and forecasted years

Sector: Electronic & Electrical Equipment/Electrical Components & Equipment



Recommendation and Disclosures

Coverage	Analyst	Target	Rating	Disc.	Coverage	Analyst	Target	Rating	Disc.
1&1DRILLISCHAG	Sen	66.00	Buy		Logwin	Mildner	165.00	Accumulate	2/3
2GEnergy	Rüzgar	23.50	Accumulate	2/3/5	Manz AG	Rüzgar	37.00	Neutral	2/3
Aareal Bank	Häßler	41.00	Buy		MAXAutomation SE	Becker	6.70	Buy	2/3
adidas	Josefson	228.00	Accumulate		Merck	Berzhanin	112.00	Buy	2,0
Adler Modemaerkt e	Josefson	6.35	Buy	7	Merkur Bank	Häßler	10.00	Buy	2/7
ADLER Real Estate	Mayer	20.00	Buy		Metro AG	Bruns	17.00	Buy	2
Aixtron	Sen	14.00	Buy	2/3	MLP	Häßler	7.50	Buy	2/3
Allianz	Häßler	220.00	Buy		MTU Aero Engines	Rüzgar	148.00	Reduce	2
Axel Springer	Josefson	67.00	Accumulate		Munich Re	Häßler	210.00	Accumulate	
Bayer	Berzhanin	96.00	Buy		Nemet schek SE	Mildner	47.00	Reduce	5
Baywa	Bruns	33.00	Buy	2/7	Norma Group	Schuldt	54.00	Neutral	
BB Biotech	Berzhanin	73.00	Buy	7	OHBSE	Rüzgar	40.00	Buy	7
Biotest	Berzhanin	24.10	Neutral	2/3	OVB Holding AG	Häßler	20.00	Buy	2/5/7
BMW	Schuldt	91.00	Buy		Patrizia	Mayer	20.00	Accumulate	
Brenntag	Hinkel	59.80	Buy	2	Pfeiffer Vacuum	Sen	162.00	Buy	5
Ceconomy AG	Bruns	8.00	Neutral		Procredit Holding	Häßler	15.00	Buy	2/3/5
comdirect	Häßler	13.50	Buy	7	PSISOFTWAREAG	Mildner	20.00	Buy	2/3
Commerzbank	Häßler	9.20	Neutral		Puma	Josefson	565.00	Buy	
Continental	Schuldt	230.00	Buy		PWO	Schuldt	50.00	Buy	2/3
CORESTATE Capit al Holding S.A.	Mayer	72.00	Buy	2/5	Rheinmetall	Rüzgar	103.00	Neutral	
CTS Eventim	Heilmann	37.50	Reduce		RIB Software	Mildner	25.00	Buy	2/3
Daimler AG	Schuldt	71.00	Buy		RTL Group	Josefson	72.00	Accumulate	2,0
Daldrup & Soehne	Becker	13.50	Buy	2/3/5	S&TAG	Sen	27.00	Buy	2/3
Demire	Mayer	4.80	Accumulate	2/5	SAF-Holland	Schuldt	17.00	Neutral	2,0
Deut sche Bank	Häßler	14.00	Buy	2.0	Schaeffler	Tanzer	14.30	Buy	
Deut sche EuroShop	Mayer	30.00	Neutral		Schalt bau Holding AG	Becker	32.70	Buy	2/7
Deut sche Pf andbrief bank	Häßler	14.50	Accumulate		SCOUT24	Heilmann	44.00	Neutral	2
Deut sche Telekom	Sen	13.30	Neutral		Siegfried Holding AG	Berzhanin	399.00	Neutral	7
Duerr	Augustin	43.00	Accumulate		SiemensHealthineersAG	Rüzgar	39.00	Neutral	2
DWS	Häßler	34.00	Buy		SLM Solutions	Sen	15.00	Sell	_
BringKlinger	Schuldt	7.00	Sell		SMTScharf AG	Rüzgar	18.00	Neutral	2/3
elumeoSE	Josefson	10.90	Accumulate		SoftwareAG	Mildner	30.00	Sell	2/0
EpigenomicsAG	Berzhanin	3.70	Buy	2/3	Stabilus	Tanzer	91.00	Buy	
Euromicron AG	Becker	11.40	Buy	2/3/5	Suedzucker	Bruns	11.70	Reduce	
Evonik	Hinkel	41.00	Buy	2/3/3	SuessMicroTec	Sen	13.80	Accumulate	2/3
Eyemaxx Real Estate	Mayer	18.00	Buy	2/5/7	Surteco Group	Mildner	26.50	Buy	2/3
Ferratum	Häßler	23.00	Buy	2/3/1	Symrise AG	Hinkel	67.00	Neutral	2/0
Fielmann	Heilmann	55.00	Neutral		Syzygy AG	Heilmann	11.50	Accumulate	2/3
First Sensor AG	Becker	27.40	Buy	7	TAKKTAG	Bruns	18.50	Neutral	2
Freenet	Sen	36.00	Buy	2	Talanx Group	Häßler	39.00	Buy	2
FuchsPetrolub	Hinkel	48.00	Neutral	-	Technotrans	Becker	43.00	Accumulate	2/3
Gea Group	Augustin	33.00	Neutral		TELECOLUMBUS	Sen	4.80	Buy	2/3
Gerresheimer AG	Rüzgar	69.00	Neutral		Telefonica Deut schland	Sen	3.40	Sell	
Gerry Weber	Josefson	3.80	Reduce		United Internet	Sen	63.00	Buy	
Gesco	Becker	35.60	Buy	2/3	Vapiano	Bruns	20.00	Buy	2/7
GFTTechnologies	Mildner	15.50	Buy	2/3	va-Q-tec	Sen	12.00	Buy	2/3
Gigaset	Sen	0.85	Accumulate	2/3	Viscom	Rüzgar	28.00	Buy	2/3
Grenke	Häßler	90.00	Neutral	2.3	Volkswagen	Schuldt	154.00	Neutral	2/0
Hannover Re	Häßler	110.00	Neutral		Wacker Neuson SE	Becker	24.10	Neutral	
Heidelberg Pharma	Berzhanin	3.50	Accumulate	2/3	windeln.de	Josefson	3.10	Buy	2
Heidelberger Druck	Augustin	3.60	Buy	2/3	XINGSE	Heilmann	305.00	Accumulate	2
HELA GmbH & Co. KGaA	Tanzer	55.00	Accumulate		Zalando	Josefson	44.50	Neutral	
Hornbach Holding	Bruns	89.00	Buy		Zaranuo	J05615011	44.50	iveutrai	
		81.00	Buy						
Hugo Boss Hypoport AG	Josefson Häßler	190.00	Neutral	2/7					
				2//					
INDUS Holding AG	Becker Mildner	55.70	Neutral Accumulate	2/7					
Intershop Communications AG		1.85		21 /					
K+SAG	Hinkel	22.00	Neutral						
Koenig & Bauer	Augustin	73.00	Accumulate						
KronesAG	Augustin	118.00	Accumulate						
KWS SAAT	Hinkel	348.00	Buy						
Lanxess	Hinkel	83.00	Buy						
LEGImmobilien AG	Mayer	104.00	Accumulate						
Leoni	Schuldt	41.00	Neutral						
Linde	Hinkel	176.00	Neutral		l				

*=Coverage suspended Source:equinet Recommendations



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Buy - The stock is expected to generate a total return of over 20% during the next 12 months time horizon.

Accumulate - The stock is expected to generate a total return of 10% to 20% during the next 12 months time horizon.

Hold - The stock is expected to generate a total return of 0% to 10% during the next 12 months time horizon.

Reduce - The stock is expected to generate a total return of 0 to -10% during the next 12 months time horizon.

Sell - The stock is expected to generate a total return below -10% during the next 12 months time horizon.

Basis of Valuation

Equinet Bank uses for valuation purposes primarily DCF-Valuations and Sum-Of-The-Parts-Valuations as well as peer group comparisons.

Share prices

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Sources

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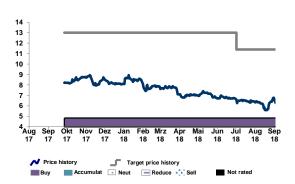


Recommendation history for EUROMICRON AG

Date	Recommendation	Target price	Price at change date
02. Jul 18	Buy	11.40	6.60
06. Nov 15	Buy	13.00	8.81

Source: Factset & ESN, price data adjusted for stock splits.

This chart shows equinet Bank continuing coverage of this stock; the current analyst may or may not have covered it over the entire period. Current analyst: Winfried Becker (since 30/01/2018)







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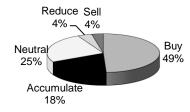
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- Accumulate: the stock is expected to generate total return of 5% to 15% during the next 12 months time horizon
- Neutral: the stock is expected to generate total return of -5% to +5% during the next 12 months time horizon
- Reduce: the stock is expected to generate total return of -5% to -15% during the next 12 months time horizon
- Sell: the stock is expected to generate total return under -15% during the next 12 months time horizon
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Certain flexibility on the limits of total return bands is permitted especially during higher phases of volatility on the markets

Equinet Bank Ratings Breakdown



For full ESN Recommendation and Target price history (in the last 12 months) please see ESN Website Link

Date and time of production: 28 September 2018: 14:44 CET

First date and time of dissemination: 28 September 2018: 14:49 CET



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