



Performance on-track

Vaisala delivered a good Q2 result with a clear EBIT beat. The outlook for 2019 remains positive as Vaisala enters H2 which is seasonally stronger for W&E. The acquisitions of Leosphere and K-Patents are bearing fruit and we see both accelerating sales further when fully integrated into Vaisala's sales channel. We raise our target price to 21 euros (prev. 20) but maintain HOLD recommendation.

Acquired businesses bearing fruit

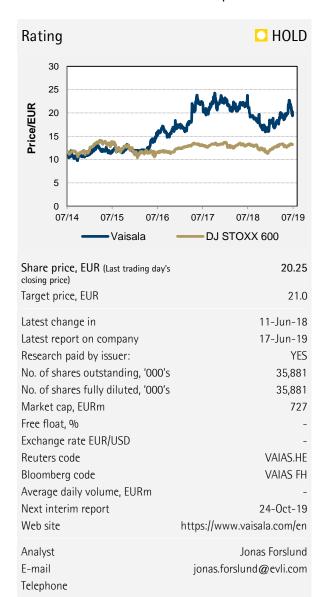
Vaisala's Q2 net sales were 96.1 MEUR vs. 94.2 MEUR our expectation (93.5 MEUR consensus). Q2 EBIT was 7.2 MEUR vs. our expectation of 3.2 MEUR (4.5 MEUR consensus). The EBIT beat was driven by slightly better sales growth and 4 percentage points higher gross margin (54% vs. 50% Q2/18) in both business units, which was a result of product and project profitability, and currency tailwind. WEE's net sales growth was 16.7% and it came mostly from wind lidars. IM net sales growth was 26%, with K-Patents contributing around 12% of the growth. The integration of Leosphere is now complete and K-Patents is expected to be integrated during Q3, therefore sales synergies should start to become more visible during H2.

H2 seasonally stronger for W&E, estimates revised upward

After the solid Q2 result, Vaisala is on track to deliver in H2, which is seasonally stronger for W&E. Post Q2 result, we have adjusted slightly upward both our sales and EBIT estimates for this year and coming years reflecting the confidence we have in Vaisala's strategy. We expect 2019E net sales to be 392 MEUR (12% growth yoy) and reported EBIT to be 35 MEUR (46 MEUR adjusted for PPA and one-offs), representing 9% EBIT margin (12% adj. EBIT margin). Our EBIT estimates are now in the upper end of the company's 2019 guidance. For 2020-21E, we expect 4-5% net sales growth, and we estimate EBIT margin to gradually improve from 9% 2019E towards 11% 2021E (adjusted EBIT margin from 12% 2019E towards 13% in 2021E).

HOLD maintained with revised TP of 21 euros (prev. 20)

On our adjusted EBIT estimates, Vaisala is trading some 10-15% under our peer group on EV/EBIT multiples. Reflecting our estimates revisions, we raise our target price to 21 euros (prev. 20) but maintain HOLD recommendation.



■ BUY □ HOLD ■ SELL

KEY FIGU	RES									
	Sales EURm	EBIT EURm	EBIT %	Ptx profit EURm	EPS EUR	P/E (x)	EV/Sales (x)	P/CF (x)	EV/EBIT (x)	DPS EUR
2017	333	41	12.3%	38	0.76	29.3	2.1	15.5	17.2	1.05
2018	349	39	11.2%	38	0.83	22.2	1.8	-86.7	16.1	0.58
2019E	392	35	8.9%	34	0.75	27.2	1.8	15.9	20.0	0.60
2020E	409	42	10.2%	42	0.93	21.8	1.7	13.3	16.5	0.65
2021E	429	47	10.8%	47	1.04	19.5	1.6	14.4	14.5	0.70
Market cap	, EURm		727	BV per share 201	9E, EUR		5.3 CAGR	EPS 2018-2	1,%	7.8
Net debt 2	019E, EURm		-29	Price/book 2019l			3.8 CAGR	sales 2018-	21, %	7.1
Enterprise	value, EURm		697	Dividend yield 20)19E, %		3.0 ROE 20)19E, %		14.4
Total asset	s 2019E, EURn	n	364	Tax rate 2019E, 9	/ 0			15.0		
Goodwill 2	019E, EURm	EURm 55 Equity ratio 2019E, %					51.9 PEG, P	/E 19/CAGR		1.9



Electronic Equipment & Instruments/Finland, July 22, 2019 Spot comment

On our adjusted EBIT estimates, Vaisala is trading some 10-15% under our peer group on EV/EBIT multiples. On EV/Sales multiples, Vaisala is trading clearly below peers, reflecting the potential valuation upside should Vaisala succeed in accelerating and maintaining its profitable growth. Reflecting our estimates revisions, we raise our target price to 21 euros (prev. 20) but maintain HOLD recommendation.

	Security	MCAP	EBIT %	EBIT %	EBIT %	EBITDA %	EBITDA %	EBITDA %	ROCE %	ROCE %	ROCE %
VAISALA PEER GROUP	identifier	MEUR	19E	20E	21E	19E	20E	21E	19E	20E	21E
Keysight Technologies	KEYS-US	14648	21,7	22,6	22,7	24,9	26,0	23,4	17,9	16,3	
National Instruments Corp.	NATI-US	5053	18,6	20,0	0,0	23,2	24,6		16,1	16,1	
Spectris	SXS-GB	3495	15,2	16,0	16,2	18,3	19,0	19,3	15,7	16,7	17,1
Oxford Instruments	OXIG-GB	842	15,0	15,6		18,2	18,6	18,8	18,9	20,2	20,4
Trimble	TRMB-US	9890	21,0	21,6	22,2	22,5	23,1	23,8	14,2	15,1	15,2
Hexagon	HEXA.B-SE	16365	24,7	25,8	26,4	33,2	34,3	34,5	11,5	12,0	12,3
Peer Group Average		8382	19,4	20,3	21,9	23,4	24,3	23,9	15,7	16,1	16,3
Peer Group Median		7471	19,8	20,8	22,4	22,8	23,8	23,4	15,9	16,2	16,2
Vaisala (Evli est.)		729	8,9	10,2	10,8	14,6	15,6	14,4	15,0	17,0	18,7
Premium/discount to peer median	•	•	-55 %	-51 %	-52 %	-36 %	-35 %	-38 %	-6 %	5 %	16 %

	Security	MCAP	ROE %	ROE %	ROE %	DIV %	DIV %	DIV %	P/E	P/E	P/E
	identifier	MEUR	19E	20E	21E	19E	20E	21E	19E	20E	21E
Keysight Technologies	KEYS-US	14648	29	26	25	0,0	0,0	0,0	20,7x	19,1x	17,3x
National Instruments Corp.	NATI-US	5053							36,6x	31,1x	
Spectris	SXS-GB	3495	16	16	15	2,3	2,5	2,6	15,5x	14,4x	13,7x
Oxford Instruments	OXIG-GB	842	18	17	16	1,1	1,2	1,3	19,3x	18,3x	17,2x
Trimble	TRMB-US	9890	17	17	16	0,0	0,0	0,0	21,2x	18,9x	17,3x
Hexagon	HEXA.B-SE	16365	14	14	14	1,4	1,5	1,6	21,4x	19,5x	17,9x
Peer Group Average		8382	18,8	18,0	17,2	1,0	1,0	1,1	22,4x	20,2x	16,7x
Peer Group Median		7471	16,7	16,7	15,8	1,1	1,2	1,3	20,9x	19,0x	17,3x
Vaisala (Evli est.)		729	14,4	17,1	17,9	3,0	3,2	3,5	27,2	21,8	19,5
Premium/discount to neer median			-11 06	2 0%	11 0%	166.06	171 06	17206	30 %	15.0%	13 0%

	Security	MCAP	EV/S	EV/S	EV/S	EV/EBITDA	EV/EBITDA	EV/EBITDA	EV/EBIT	EV/EBIT	EV/EBIT
	identifier	MEUR	19E	20E	21E	19E	20E	21E	19E	20E	21E
Keysight Technologies	KEYS-US	14648	4,1x	3,7x	3,4x	16,3x	14,4x	14,7x	18,7x	16,5x	15,2x
National Instruments Corp.	NATI-US	5053									
Spectris	SXS-GB	3495	2,0x	1,9x	1,8x	11,1x	10,0x	9,3x	13,4x	12,0x	11,1x
Oxford Instruments	OXIG-GB	842	2,2x	2,0x	1,9x	11,9x	10,9x	10,0x	14,5x	13,0x	11,8x
Trimble	TRMB-US	9890	3,7x	3,3x	3,0x	16,5x	14,4x	12,5x	17,7x	15,5x	13,4x
Hexagon	HEXA.B-SE	16365	4,6x	4,2x	3,9x	13,9x	12,4x	11,3x	18,6x	16,5x	14,7x
Peer Group Average		8382	3,3x	3,1x	2,8x	13,9x	12,4x	11,6x	16,6x	14,7x	13,2x
Peer Group Median		7471	3,7x	3,3x	3,0x	13,9x	12,4x	11,3x	17,7x	15,5x	13,4x
Vaisala (Evli est.)		729	1,8x	1,7x	1,6x	12,2x	10,8x	10,9x	15,0x	14,0x	12,4x

			Sales	Sales	Sales	Net debt /	Net debt /	Net debt /	Equity	Equity	Equity
	Security	MCAP	growth	growth	growth	EBITDA	EBITDA	EBITDA	ratio %	ratio %	ratio %
	identifier	MEUR	19E	20E	21E	19E	20E	21E	19E	20E	21E
Keysight Technologies	KEYS-US	14648	7,9%	5,4%	9,5%	0,7x	0,1x	0,3x	47,0	50,4	
National Instruments Corp.	NATI-US	5053	1,6%	6,7%	0,0%				74,0	76,6	
Spectris	SXS-GB	3495	3,6%	3,1%	2,8%	0,9x	0,5x	0,1x	62,8	66,6	70,9
Oxford Instruments	OXIG-GB	842	1,7%	3,5%		-0,3x	-0,6x	-0,9x	59,1	62,1	66,3
Trimble	TRMB-US	9890	7,7%	7,0%	6,4%	1,9x	1,1x	0,4x	49,2	53,0	55,9
Hexagon	HEXA.B-SE	16365	5,6%	5,0%	5,4%	1,3x	0,8x	0,3x	57,2	59,0	61,1
Peer Group Average		8382	4,7%	5,1%	6,0%	0,9x	0,4x	0,0x	58,2	61,3	63,6
Peer Group Median		7471	4,6%	5,2%	5,9%	0,9x	0,5x	0,3x	58,1	60,6	63,7
Vaisala (Evli est.)		729	12,4%	4,2%	5,0%	-0,5x	-0,6x	-0,9x	51,9	53,8	56,1

Premium/discount to peer median 169 % -19 % -15 % -159 % -225 % -414 % -11 % -1

	Security	MCAP	P/B	P/B	P/B
	identifier	MEUR	19E	20E	21E
Keysight Technologies	KEYS-US	14648	5,5	4,5	4,0
National Instruments Corp.	NATI-US	5053			
Spectris	SXS-GB	3495	2,4	2,2	2,0
Oxford Instruments	OXIG-GB	842	3,4	3,1	2,6
Trimble	TRMB-US	9890	3,4	3,0	2,5
Hexagon	HEXA.B-SE	16365	2,8	2,6	2,4
Peer Group Average		8382	3,5	3,1	2,7
Peer Group Median		7471	3,4	3,0	2,5
Vaisala (Evli est.)		729	3,8	3,8	3,8
D			1.4.0/	20.0/	F2 0/

Premium/discount to peer median

Source: Factset, Evli Research

Premium/discount to peer median

Updated on July 19, 2019



VALUATION RESULTS	BASE CASE DETAILS	VALUATION ASSUMPTIONS	ASSUMPTIONS FOR WACC	;
Current share price	20.25 PV of Free Cash Flow	285 Long-term growth, %	2.5 Risk-free interest rate, %	2.25
DCF share value	23.11 PV of Horizon value	532 WACC, %	7.4 Market risk premium, %	5.8
Share price potential, %	14.1 Unconsolidated equity	0 Spread, %	0.0 Debt risk premium, %	2.8
Maximum value	23.1 Marketable securities	73 Minimum WACC, %	7.4 Equity beta coefficient	0.80
Minimum value	23.1 Debt - dividend	-61 Maximum WACC, %	7.4 Target debt ratio, %	10
Horizon value, %	65.1 Value of stock	829 Nr of shares, Mn	35.9 Effective tax rate, %	25

DCF valuation, EURm	2018	2019E	2020E	2021E	2022E	2023E	2024E	2025E	2026E	2027E	2028E	Horizon
Net sales	349	392	409	429	446	464	483	499	514	530	543	557
Sales growth, %	4.9	12.4	4.2	5.0	4.0	4.0	4.0	3.5	3.0	3.0	2.5	2.5
Operating income (EBIT)	39	35	42	47	54	60	63	65	67	69	71	72
EBIT margin, %	11.2	8.9	10.2	10.8	12.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
+ Depreciation+amort.	12	22	23	15	15	15	15	14	14	14	14	
- Income taxes	-2	-7	-8	-9	-13	-15	-16	-16	-17	-17	-18	
- Change in NWC	-4	-5	-2	-2	-2	-2	-2	-2	-2	-2	-1	
NWC / Sales, %	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	
+ Change in other liabs	5	0	0	0	0	0	0	0	0	0	0	
- Capital Expenditure	-66	-27	-23	-13	-13	-13	-13	-14	-14	-14	-15	-16
Investments / Sales, %	18.9	6.9	5.6	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.8	2.8
- Other items	-53	0	0	0	0	0	0	0	0	0	0	
= Unlevered Free CF (FCF)	-69	19	32	37	40	45	46	48	49	51	51	1,048
= Discounted FCF (DFCF)		18	29	31	31	33	31	30	29	28	26	532
= DFCF min WACC		18	29	31	31	33	31	30	29	28	26	532
= DFCF max WACC		18	29	31	31	33	31	30	29	28	26	532



	1 FIG	

EVLI ESTIMATES, EURm	2018Q1	2018Q2	2018Q3	2018Q4	2018	2019Q1	2019Q2	2019Q3E	2019Q4E	2019E	2020E	2021E
Net sales	76	80	84	108	349	84	96	100	111	392	409	429
EBITDA	8	7	17	20	51	6	13	16	21	57	65	62
EBITDA margin (%)	10.4	8.5	19.9	18.2	14.7	7.5	13.5	16.3	19.3	14.6	15.8	14.4
EBIT	6	5	15	14	39	0	7	11	17	35	42	47
EBIT margin (%)	7.5	5.9	17.4	12.9	11.2	0.0	7.5	10.6	15.3	8.9	10.2	10.8
Net financial items	-1	0	0	0	-1	0	-1	0	0	-1	0	0
Pre-tax profit	5	5	14	14	38	0	7	10	17	34	42	47
Tax	-1	-1	-3	-3	-8	0	-1	-2	-3	-7	-8	-9
Tax rate (%)	22.2	22.0	23.6	18.4	21.3	25.0	21.5	20.0	20.0	20.3	20.0	20.0
Net profit	4	4	11	11	30	0	5	8	13	27	33	37
EPS	0.10	0.11	0.30	0.32	0.83	0.00	0.14	0.23	0.37	0.75	0.93	1.04
EPS adjusted (diluted no. of shares)	0.10	0.11	0.30	0.32	0.83	0.00	0.14	0.23	0.37	0.75	0.93	1.04
Dividend per share	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.00	0.60	0.65	0.70
SALES, EURm												
Weather and Environment	48	52	55	78	232	50	61	66	76	252	262	272
Industrial Measurements	28	28	30	31	117	35	35	34	35	140	147	157
Total	76	80	84	108	349	84	96	100	111	392	409	429
SALES GROWTH, Y/Y %												
Weather and Environment	19.4	5.5	-6.3	4.3	4.5	3.1	16.7	20.9	-2.1	8.6	3.8	3.8
Industrial Measurements	0.4	10.2	2.4	10.0	5.6	22.7	26.0	16.6	15.0	19.9	4.9	7.1
Total	11.5	7.1	-3.4	5.9	4.9	10.4	20.0	19.4	2.8	12.4	4.2	5.0
EBIT, EURm												
Weather and Environment	0	0	8	11	18	-4	1	5	11	12	15	18
Industrial Measurements	6	5	8	6	24	5	8	6	6	24	27	29
Other	0	0	-1	-2	-3	0	-1	0	0	-1	0	0
Total	6	5	15	14	39	0	7	11	17	35	42	47
EBIT margin, %												
Weather and Environment	0.0	-0.6	13.7	13.5	7.6	-8.7	1.0	7.6	14.2	4.8	5.7	6.4
Industrial Measurements	20.9	16.7	26.4	18.2	20.6	13.3	21.2	16.5	17.7	17.2	18.1	18.5
Total	7.5	5.9	17.4	12.9	11.2	0.0	7.5	10.6	15.3	8.9	10.2	10.8

VAISALA

INCOME STATEMENT, EURm	2014	2015	2016	2017	2018	2019E	2020E	2021E
Sales	300	319	319	333	349	392	409	429
Sales growth (%)	9.7	6.3	0.2	4.2	4.9	12.4	4.2	5.0
Costs	-258	-274	-273	-282	-298	-335	-344	-367
Reported EBITDA	42	45	46	50	51	57	65	62
Extraordinary items in EBITDA	0	0	0	0	0	0	0	0
EBITDA margin (%)	13.9	14.0	14.5	15.1	14.7	14.6	15.8	14.4
Depreciation	-15	-15	-13	-9	-12	-22	-23	-15
EBITA	27	30	33	41	39	35	42	47
Goodwill amortization / writedown	0	0	-11	0	0	0	0	0
Reported EBIT	26	30	22	41	39	35	42	47
EBIT margin (%)	8.8	9.3	7.0	12.3	11.2	8.9	10.2	10.8
Net financials	3	3	0	-3	-1	-1	0	0
Pre-tax profit	29	33	22	38	38	34	42	47
Extraordinary items	0	0	0	0	0	0	0	0
Taxes	-6	-5	-3	-11	-8	-7	-8	-9
Minority shares	0	0	0	0	0	0	0	0
Net profit	23	27	19	27	30	27	33	37
BALANCE SHEET, EURm	23	21	13	21	30	27	33	37
Assets								
Fixed assets	68	63	46	46	72	76	76	74
% of sales	23	20	14	14	20	19	19	17
90 01 Sales Goodwill	14	16	17	16	55	55	7 <i>9</i> 55	55
% of sales								
	5	5	5	5	16	14	14	13
Inventory	34	39	32	29	32	36	37	39
% of sales	11	12	10	9	9	9	9	9
Receivables	72	77	78	84	93	105	109	115
% of sales	24	24	24	25	27	27	27	27
Liquid funds	48	59	72	91	73	82	85	89
% of sales	16	19	23	27	21	21	21	21
Total assets	245	264	255	274	335	364	373	382
Liabilities								
Equity	170	181	179	186	183	189	201	215
% of sales	57	<i>57</i>	56	56	52	48	49	50
Deferred taxes	5	5	0	1	9	9	9	9
% of sales	2	1	0	0	3	2	2	2
Interest bearing debt	0	0	0	0	41	53	46	36
% of sales	0	0	0	0	12	13	11	8
Non-interest bearing current liabilities	64	75	71	81	89	100	104	109
% of sales	21	23	22	24	25	25	25	25
Other interest free debt	4	3	4	5	9	9	9	9
% of sales	1	1	1	2	3	2	2	2
Total liabilities	245	264	255	274	335	364	373	382
CASH FLOW, EURm								
+ EBITDA	42	45	46	50	51	57	65	62
- Net financial items	3	3	0	-3	-1	-1	0	0
- Taxes	-4	-7	-9	-7	-1	-7	-8	-9
- Increase in Net Working Capital	-13	2	2	7	-4	-5	-2	-2
+/- Other	-5	-6	3	4	-52	0	0	0
= Cash flow from operations	22	36	42	51	-8	45	55	50
- Capex	-8	-8	-8	-8	-66	-27	-23	-13
- Acquisitions	0	0	0	-2	0	0	0	0
+ Divestments	1	0	1	0	0	0	0	0
= Net cash flow	15	28	36	41	-28	18	32	37
+/- Change in interest-bearing debt	0	0	0	0	41	12	-7	-10
+/- New issues/buybacks	4	0	-4	-2	5	0	0	0
- Paid dividend	-16	-16	-17	-18	-37	-21	-22	-23
+/- Change in loan receivables	0	0	0	0	5	0	0	0
Change in cash	3	12	14	21	-15	9	3	4
Change in cash	3	12	14	21	-15	9	3	

VAISALA

KEY FIGURES	2015	2016	2017	2018	2019E	2020E	2021E
M-cap	431	602	794	659	727	727	727
Net debt	-59	-72	-91	-32	-29	-39	-53
Enterprise value	372	529	703	626	697	687	673
Sales	319	319	333	349	392	409	429
EBITDA	45	46	50	51	57	65	62
EBIT	30	22	41	39	35	42	47
Pre-tax	33	22	38	38	34	42	47
Earnings	27	19	27	30	27	33	37
Book value	181	179	186	183	189	201	215
Valuation multiples		-				-	
EV/sales	1.2	1.7	2.1	1.8	1.8	1.7	1.6
EV/EBITDA	8.3	11.4	14.0	12.3	12.2	10.6	10.9
EV/EBITA	12.4	16.1	17.2	16.1	20.0	16.5	14.5
EV/EBIT	12.6	23.8	17.2	16.1	20.0	16.5	14.5
EV/operating cash flow	10.4	12.6	13.7	-82.4	15.3	12.6	13.4
EV/cash earnings	9.2	14.0	17.4	12.9	14.2	12.0	12.8
P/E	15.8	32.2	29.3	22.2	27.2	21.8	19.5
P/E excl. goodwill	15.5	20.5	29.3	22.2	27.2	21.8	19.5
P/B	2.4	3.4	4.3	3.6	3.8	3.6	3.4
P/sales	1.4	1.9	2.4	1.9	1.9	1.8	1.7
P/CF	12.0	14.3	15.5	-86.7	15.9	13.3	14.4
Target EV/EBIT	0.0	0.0	0.0	0.0	20.8	13.3 17.2	15.1
Target P/E	0.0	0.0	0.0	0.0	28.2	22.6	20.3
Target P/B	0.0	0.0	0.0	0.0	26.2 4.0	3.8	20.3 3.5
Per share measures	0.0	0.0	0.0	0.0	4.0	3.0	3.3
Number of shares	36,054	35,703	35,692	35,790	35,881	35,881	35,881
Number of shares (diluted)	36,054	35,703	35,692	35,790	35,881	35,881	35,881
EPS	0.76	0.52	0.76	0.83	0.75	0.93	1.04
EPS excl. goodwill	0.76	0.82	0.76	0.83	0.75	0.93	1.04
Cash EPS	1.12	1.06	1.13	1.35	1.37	1.57	1.04
Operating cash flow per share	1.00	1.18	1.43	-0.21	1.27	1.52	1.40
Capital employed per share	3.36	2.95	2.61	4.18	4.43	4.47	4.46
Book value per share	5.03	5.00	5.20	5.11	5.26	5.59	5.98
Book value excl. goodwill	4.58	4.54	4.74	3.57	3.73	4.05	4.44
Dividend per share	0.48	0.50	1.05	0.58	0.60	0.65	0.70
Dividend payout ratio, %	62.5	95.5	138.3	70.1	80.5	70.1	67.5
Dividend yield, %	4.0	3.0	4.7	3.2	3.0	3.2	3.5
Efficiency measures							
ROE	15.6	10.4	14.9	16.1	14.4	17.1	17.9
ROCE	16.7	12.4	22.4	19.1	15.0	17.0	18.7
Financial ratios							
Capex/sales, %	2.5	2.0	3.0	18.9	6.9	5.6	3.0
Capex/depreciation excl. goodwill,%	40.1	-34.1	109.5	223.1	121.1	98.2	85.5
Net debt/EBITDA, book-weighted	-1.3	-1.6	-1.8	-0.6	-0.5	-0.6	-0.9
Debt/equity, market-weighted	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Equity ratio, book-weighted	68.6	70.0	67.7	54.7	51.9	53.8	56.1
Gearing	-0.33	-0.41	-0.49	-0.18	-0.15	-0.20	-0.25
Number of employees, average	1,611	1,590	1,592	1,592	1,592	1,592	1,592
Sales per employee, EUR	197,765	200,755	208,920	219,096	246,231	256,658	269,472
EBIT per employee, EUR	18,312	13,962	25,628	24,498	21,904	26,131	29,209



Electronic Equipment & Instruments/Finland, July 22, 2019 Spot comment

COMPANY DESCRIPTION: Vaisala offers a comprehensive range of observation and measurement products and services for environmental and industrial applications. Headquartered in Finland, Vaisala employs approximately 1,600 professionals worldwide and is listed on the Nasdaq Helsinki stock exchange.

INVESTMENT CASE:

OWNERSHIP STRUCTURE	SHARES	EURm	0/0
Novametor Oy	3,774,792	76.440	10.5%
Nordea Bank Ab (publ), Finnish Branch	3,186,914	64.535	8.9%
Skandinaviska Enskilda Banken Ab (publ) Helsinki Branch	2,247,215	45.506	6.3%
Finnish Academy of Science and Letters	2,130,832	43.149	5.9%
Mandatum Life Insurance Company Ltd.	1,533,300	31.049	4.3%
Nordea Nordic Small Cap Fund	1,475,832	29.886	4.1%
Ilmarinen Mutual Pension Insurance Company	1,470,628	29.780	4.1%
Weisell-Säätiö Sr	1,440,000	29.160	4.0%
Voipio Mikko	1,268,312	25.683	3.5%
Caspers Anja	969,496	19.632	2.7%
Ten largest	19,497,321	394.821	54%
Residual	16,383,679	331.769	46%
Total	35,881,000	726.590	100%

١R
١K

October 24, 2019

Q3 report

OTHER EVENTS

COMPANY MISCELLANEOUS

CEO: Kjell Forsén

Vanha Nurmijärventie 21, 01670 Vantaa

Tel:

CFO: Kaarina Muurinen

IR: Paula Liimatta



DEFINITIONS

DIT.	- FDC		
P/E	EPS		
Price per share	Profit before extraordinary items and taxes – income taxes + minority interest		
Earnings per share			
	Number of shares		
P/Sales	DPS		
Market cap	Dividend for the financial period per share		
	Dividend for the illiancial period per share		
Sales			
P/BV	CEPS		
Price per share	Gross cash flow from operations		
Shareholders' equity + taxed provisions per share	Number of shares		
P/CF	EV/Share		
Price per share	Enterprise value		
Operating cash flow per share	Number of shares		
EV (Enterprise value)	Sales/Share		
Market cap + net debt + minority interest at market value	Sales		
 – share of associated companies at market value 	Number of shares		
and a second and a second action as the second action acti			
Net debt	EBITDA/Share		
Interest bearing debt – financial assets	Earnings before interest, tax, depreciation and amortisation		
	Number of shares		
EV/Sales	EBIT/Share		
Enterprise value	Operating profit		
`	Number of shares		
Sales	Number of snares		
EV/EBITDA	EAFI/Share		
Enterprise value	Pretax profit		
Earnings before interest, tax, depreciation and amortisation	Number of shares		
EV/EBIT	Capital employed/Share		
Enterprise value	Total assets – non interest bearing debt		
Operating profit	Number of shares		
Div yield, %	Total assets		
Dividend per share	Balance sheet total		
Price per share			
Payout ratio, %	Interest coverage (x)		
Total dividends	<u>Operating profit</u>		
Earnings before extraordinary items and taxes – income taxes + minority interest	Financial items		
Net cash/Share	Asset turnover (x)		
Financial assets – interest bearing debt	Turnover		
Number of shares	Balance sheet total (average)		
Number of Shares	Summer Street to tal (average)		
ROA, %	Debt/Equity, %		
Operating profit + financial income + extraordinary items	Interest bearing debt		
Balance sheet total — interest free short term debt	Shareholders' equity + minority interest + taxed provisions		
 long term advances received and accounts payable (average) 			
ROCE, %	Equity ratio, %		
Profit before extraordinary items + interest expenses + other financial costs	Shareholders' equity + minority interest + taxed provisions		
Balance sheet total — non interest bearing debt (average)	Total assets – interest free loans		
ROE, %	CAGR, %		
Profit before extraordinary items and taxes – income taxes	Cumulative annual growth rate = Average growth per year		

Important Disclosures

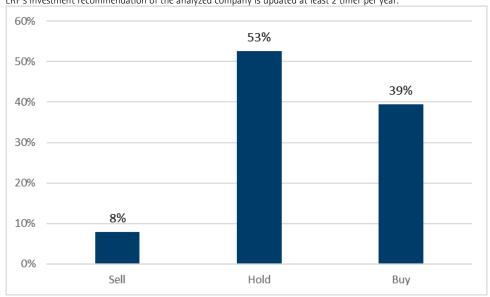
Evli Research Partners Plc ("ERP") uses 12-month target prices. Target prices are defined by utilizing analytical techniques based on financial theory including (but not limited to) discounted cash flow analysis and comparative valuation. The selection of valuation methods depends on different circumstances. Target prices may be altered on the basis of new information coming to light in the underlying company or changes in interest rates, changes in foreign exchange rates, other securities prices or market indices or outlook for the aforementioned factors or other factors that may change the conditions of financial markets. Recommendations and changes by analysts are available at https://research.evli.com/JasperAllModels.action?authParam=key;461EtauthParam=x;G3rNagWrtf7KEtauthType=3

Investment recommendations are defined as follows:

Target price compared to share price Recommendation

< -10 % SELL -10 - (+10) % HOLD > 10 % BUY

ERP's investment recommendation of the analyzed company is updated at least 2 timer per year.



The graph above shows the distribution of ERP's recommendations of companies under coverage in 1st of February 2019. If recommendation is not given, it is not mentioned here.

Name(s) of the analyst(s): Forslund

This research report has been prepared by Evli Research Partners Plc ("ERP" or "Evli Research"). ERP is a subsidiary of Evli Bank Plc. Production of the investment recommendation has been concluded on 22-7-2019, 9:00. This report has been published on 22-7-2019, 9:00.

None of the analysts contributing to this report, persons under their guardianship or corporations under their control have a position in the shares of the company or related securities.

The date and time for any price of financial instruments mentioned in the recommendation refer to the previous trading day's closing price(s) unless otherwise stated in the report.

Each analyst responsible for the content of this report assures that the expressed views accurately reflect the personal views of each analyst on the covered companies and securities. Each analyst assures that (s)he has not been, nor are or will be, receiving direct or indirect compensation related to the specific recommendations or views contained in this report.

Companies in the Evli Group, affiliates or staff of companies in the Evli Group, may perform services for, solicit business from, hold long or short positions in, or otherwise be interested in the investments (including derivatives) of any company mentioned in the publication or report.

Neither ERP nor any company within the Evli Group have managed or co-managed a public offering of the company's securities during the last 12 months prior to, received compensation for investment banking services from the company during the last 12 months prior to the publication of the research report.

ERP has signed an agreement with the issuer of the financial instruments mentioned in the recommendation, which includes production of research reports. This assignment has a limited economic and financial impact on ERP and/or EVIi. Under the assignment ERP performs services including, but not limited to, arranging investor meetings or –events, investor relations communication advisory and production of research material.

ERP or another company within the Evli Group does not have an agreement with the company to perform market making or liquidity providing services.

VAISALA

Electronic Equipment & Instruments/Finland, July 22, 2019 Spot comment

For the prevention and avoidance of conflicts of interests with respect to this report, there is an information barrier (Chinese wall) between Investment Research and Corporate Finance units concerning unpublished investment banking services to the company. The remuneration of the analyst(s) is not tied directly or indirectly to investment banking transactions or other services performed by Evli Bank Plc or any company within Evli Group.

This report has not been disclosed to the company prior to its dissemination.

This report is provided and intended for informational purposes only and may not be used or considered under any circumstances as an offer to sell or buy any securities or as advice to trade any securities.

This report is based on sources ERP considers to be correct and reliable. The sources include information providers Reuters and Bloomberg, stock-exchange releases from the companies and other company news, Statistics Finland and articles in newspapers and magazines. However, ERP does not guarantee the materialization, correctness, accuracy or completeness of the information, opinions, estimates or forecasts expressed or implied in the report. In addition, circumstantial changes may have an influence on opinions and estimates presented in this report. The opinions and estimates presented are valid at the moment of their publication and they can be changed without a separate announcement. Neither ERP nor any company within the Evli Group are responsible for amending, correcting or updating any information, opinions or estimates contained in this report. Neither ERP nor any company within the Evli Group will compensate any direct or consequential loss caused by or derived from the use of the information represented in this publication.

All information published in this report is for the original recipient's private and internal use only. ERP reserves all rights to the report. No part of this publication may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in any retrieval system of any nature, without the written permission of ERP.

This report or its copy may not be published or distributed in Australia, Canada, Hong Kong, Japan, New Zealand, Singapore or South Africa. The publication or distribution of this report in certain other jurisdictions may also be restricted by law. Persons into whose possession this report comes are required to inform themselves about and to observe any such restrictions.

Evli Bank Plc is not registered as a broker-dealer with the U. S. Securities and Exchange Commission ("SEC"), and it and its analysts are not subject to SEC rules on securities analysts' certification as to the currency of their views reflected in the research report. Evli Bank is not a member of the Financial Industry Regulatory Authority ("FINRA"). It and its securities analysts are not subject to FINRA's rules on Communications with the Public and Research Analysts and Research Reports and the attendant requirements for fairness, balance and disclosure of potential conflicts of interest. This research report is only being offered in U.S. by Auerbach Grayson & Company, LLC (Auerbach Grayson) to Major U.S. Institutional Investors and is not available to, and should not be used by, any U.S. person or entity that is not a Major U.S. Institutional Investor. Auerbach Grayson is a broker-dealer registered with the U.S. Securities and Exchange Commission and is a member of the FINRA. U.S. entities seeking more information about any of the issuers or securities discussed in this report should contact Auerbach Grayson. The securities of non-U.S. issuers may not be registered with or subject to SEC reporting and other requirements.

ERP is not a supervised entity but its parent company Evli Bank Plc is supervised by the Finnish Financial Supervision Authority.



Contact information SALES, TRADING AND RESEARCH

Equity Sales		Trading		ETFs and Derivatives	
Ari Laine Lauri Ahokanto Niclas Henelius	+358 9 4766 9115 +358 9 4766 9117 +358 9 4766 9116	Lauri Vehkaluoto (Head) Pasi Väisänen Antti Kässi	+358 9 4766 9130 +358 9 4766 9120 +358 9 4766 9120	Tobias Björk (Head) Joachim Dannberg Kimmo Lilja Sami Järvinen	+358 9 4766 9130 +358 9 4766 9123 +358 9 4766 9130 +358 9 4766 9110
Structured Investments		Equity Research			
Heikki Savijoki Aki Lakkisto	+358 9 4766 9726 +358 9 4766 9123	Jonas Forslund Joonas Ilvonen Jerker Salokivi Anna-Liisa Rissanen	+358 9 4766 9314 +358 44 430 9071 +358 9 4766 9149 +358 40 157 9919		
Evli Investment Solutions					
Johannes Asuja Markku Reinikainen	+358 9 4766 9205 +358 9 4766 9669				



EVLI BANK PLC
Aleksanterinkatu 19 A
P.O. Box 1081
FIN-00101 Helsinki, FINLAND
Phone +358 9 476 690
Fax +358 9 634 382
Internet www.evli.com
E-mail firstname.lastname@evli.com

EVLI BANK PLC, STOCKHOLMSFILIAL Regeringsgatan 67 P.O. Box 16354 SE-103 26 Stockholm Sverige stockholm@evli.com Tel +46 (0)8 407 8000 Fax +46 (0)8 407 8001