Digia

Company report

2/09/2022 08:30



Joni Grönqvist +358 40 515 3113 joni.gronqvist@inderes.fi



✓ Inderes corporate customer



High quality code that produces continuous results

We reiterate our Accumulate recommendation and EUR 8.10 target price for Digia. In Q4, net sales and especially earnings exceeded expectations. As usual, the guidance was a little cautious. Digia continues to invest in the first half of the year, but in the second half we expect investments to ease up and support profitability. In recent years, the company has proven to be a high-quality earnings grower with a healthy balance sheet, and we expect this to continue in coming years. We maintain our estimates almost unchanged and the share's expected return still speaks for a positive view on the share.

Q4 net sales grew strongly also organically

Digia's Q4 net sales increased by 18% from the comparison period to EUR 44.8 million and was above our estimate. Net sales growth was driven by the Climber and Solasys acquisitions. We estimate that net sales also grew strongly organically (8%) driven by subcontracting. Nearly all business units grew. Growth was still limited by own experts (close on 20 people) being utilized in developing an internal business platform the effect of which we estimate to be 2% points.

Q4 result exceeded expectations clearly

EBITA for Q4 was EUR 5.0 million or 11.1% of net sales (Q4'20: 12%) and clearly above our estimate. As expected, profitability was depressed by investments in Digia's own business platform (Digia Business Engine) and the cost structure normalizing as the COVID situation alleviated. Considering investments, cost pressure and the competed expert market, Q4 profitability can be considered good. The new own business platform will be gradually launched during H1'22 and this should support profitability from H2'22 onwards. There were no surprises in other result rows. EPS was EUR 0.13 in Q4 and EUR 0.44 in 2021. As expected, the Board of Directors proposed that the company distribute EUR 0.17 per share as dividend for 2021. The dividend corresponds to 40% of the result and a dividend yield of 2.4%.

As usual, guidance was a little "cautious"

We feel that as usual Digia's guidance is "cautious" in estimating that net sales will grow year-on-year and the EBITA margin will be over 10% of net sales. We only made minor adjustments to our estimates based on the Q4 report. We expect Digia's net sales to grow by 5% in 2022, supported by acquisitions. We also expect EBITA% to decrease to 11%, depressed by investments in line with the strategy and the cost structure normalizing in 2022 (2021 EBITA: 11.4%), but to be above the guidance. In the following years, we cautiously expect net sales to drive an average earnings growth of 6% in 2023-24. We expect the company to also continue growing inorganically in coming years.

Valuation is still attractive

Digia has strengthened its profile as a high-quality earnings growth company, which supports the share valuation. The risk level of the share decreases as focus has shifted from projects toward service and maintenance business and the good development over the past 3 years. With our estimates the adjusted P/E and EV/EBIT ratios for 2022e are 14x and 11x or 2% above Finnish peers, which is a moderate valuation in absolute terms. In relative terms, the valuation is neutral. In general, the valuation level of the IT service sector has been under pressure in the early part of the year and considering the continued strong demand outlook we find the valuation level of the sector to be attractive in the big picture. The expected return, consisting of earnings growth (5%), dividend yield (3%) and a moderate upside in multiples, supports a positive view of the share.

Recommendation

Accumulate (previous Accumulate)

EUR 8.10

(previous EUR 8.10)

Share price:

7.45



Key figures

	2021	2022 e	2023 e	2024e
Revenue	156	164	172	179
growth-%	12%	5%	5%	4%
EBIT adj.	17.7	18.0	19.3	20.3
EBIT-% adj.	11.4 %	11.0 %	11.2 %	11.4 %
Net Income	11.8	12.1	13.2	14.1
EPS (adj.)	0.55	0.55	0.59	0.62
P/E (adj.)	12.7	13.5	12.6	11.9
P/B	2.8	2.6	2.4	2.2
Dividend yield-%	2.4 %	2.7 %	3.1 %	3.4 %
EV/EBIT (adj.)	11.2	11.4	10.0	9.0
EV/EBITDA	9.0	9.3	8.2	7.5
EV/S	1.3	1.3	1.1	1.0

Source: Inderes

Guidance

(New guidance)

Digia's guidance is that net sales will grow year-on-year and its EBITA margin will be over 10 per cent of net sales.

Share price



Revenue and EBIT %



EPS and dividend



Source: Inderes

M

Value drivers

- A strongly growing market in the long term
- Market trends are favorable for Digia's offering
- · Still improvement potential in profitability
- Increasing continuous services and scalable business
- Acquisitions



Risk factors

- Competitiveness in competition for experts, wage inflation and turnover
- Integration of acquisitions
- Productivity of investments
- Project risks and customers' bargaining power in large projects
- Marginalized position between large and small players

Valuation	2022 e	2023 e	2024e
Share price	7.45	7.45	7.45
Number of shares, millions	26.7	26.7	26.7
Market cap	199	199	199
EV	205	193	183
P/E (adj.)	13.5	12.6	11.9
P/E	16.4	15.0	14.1
P/FCF	21.1	11.1	12.7
P/B	2.6	2.4	2.2
P/S	1.2	1.2	1.1
EV/Sales	1.3	1.1	1.0
EV/EBITDA	9.3	8.2	7.5
EV/EBIT (adj.)	11.4	10.0	9.0
Payout ratio (%)	44.1%	46.4 %	47.4 %
Dividend yield-%	2.7 %	3.1%	3.4 %

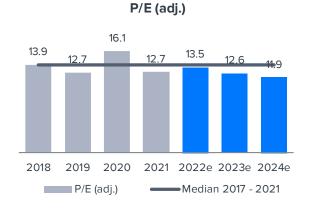
Estimates

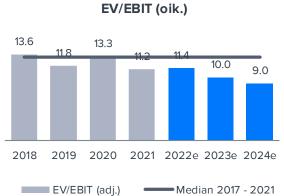
Estimates	Q4'20	Q4'21	Q4'21e	Q4'21e	Conse	ensus	Difference (%)	2021
MEUR / EUR	Comparison	Actualized	Inderes	Consensus	Low	High	Act. vs. inderes	Toteutunut
Revenue	37.9	44.8	41.4				8%	156
EBITA	4.6	5.0	4.1				20%	17.7
EBIT	4.1	4.2	3.4				22%	14.7
PTP	3.8	4.3	3.3				29%	14.6
EPS (oik.)	0.13	0.15	0.12				20%	0.55
EPS (reported)	0.13	0.13	0.10				30%	0.45
DPS	0.15	0.17	0.17				0%	0.17
Revenue growth-%	0.4 %	18.2 %	9.2 %				9 pp	12.1%
EBITA-% (oik.)	12.1%	11.1 %	10.0 %				1pp	11.3 %
Source: Inderes								

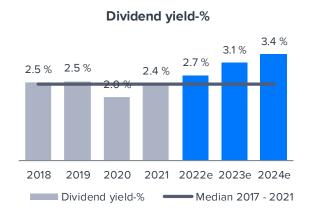
Estimate revisions	2021	2021 e	Change	2022e	2022 e	Change	2023e	2023 e	Change
MEUR / EUR	Old	New	%	Old	New	%	Old	New	%
Revenue	153	156	2%	161	164	2%	169	172	2%
EBITDA	21.3	22.2	4%	22.6	22.0	-2%	23.7	23.4	-1%
EBIT (exc. NRIs)	16.9	17.7	5%	18.0	18.0	0%	19.1	19.3	1%
EBIT	13.9	14.7	6%	15.8	15.4	-2%	16.9	16.7	-1%
PTP	13.6	14.6	7%	15.5	15.1	-2%	16.7	16.5	-1%
EPS (excl. NRIs)	0.52	0.55	6%	0.54	0.55	1%	0.58	0.59	2%
DPS	0.17	0.17	0%	0.20	0.20	0%	0.23	0.23	0%
Source: Inderes									

Valuation table

Valuation	2018	2019	2020	2021	2022e	2023e	2024e	2025 e
Share price	2.85	3.99	7.52	7.04	7.45	7.45	7.45	7.45
Number of shares, millions	26.8	26.8	26.8	26.7	26.7	26.7	26.7	26.7
Marketcap	76	107	202	188	199	199	199	199
EV	99	130	212	199	205	193	183	172
P/E (adj.)	13.9	12.7	16.1	12.7	13.5	12.6	11.9	11.4
P/E	16.3	15.1	19.0	16.0	16.4	15.0	14.1	13.4
P/FCF	neg.	48.1	12.9	42.9	21.1	11.1	12.7	11.5
P/B	1.6	2.0	3.3	2.8	2.6	2.4	2.2	2.0
P/S	0.7	0.8	1.5	1.2	1.2	1.2	1.1	1.1
EV/Sales	0.9	1.0	1.5	1.3	1.3	1.1	1.0	0.9
EV/EBITDA	10.9	8.6	10.5	9.0	9.3	8.2	7.5	6.8
EV/EBIT (adj.)	13.6	11.8	13.3	11.2	11.4	10.0	9.0	8.1
Payout ratio (%)	39.9 %	37.8 %	37.8 %	38.6 %	44.1 %	46.4%	47.4 %	50.0 %
Dividend yield-%	2.5 %	2.5 %	2.0 %	2.4 %	2.7 %	3.1 %	3.4%	3.7 %







Peer group valuation

Peer group valuation	Share price	Market cap	EV	EV/I	ВІТ	EV/E	BITDA	ΕV	//S	P	Æ	Dividen	d yield-%
Company		MEUR	MEUR	2022e	2023 e	2022 e	2023 e	2022 e	2023 e	2022e	2023 e	2022e	2023e
Bilot*	5.68	32	23	11.3	7.9	10.4	7.4	0.8	0.7	16.0	12.4	1.8	2.3
Gofore*	24.00	368	368	23.6	20.4	17.8	16.5	2.9	2.6	28.6	25.7	1.5	1.7
Loihde*	16.85	101	58	10.5	8.2	7.5	6.2	0.5	0.4	20.6	18.0	1.7	1.8
Innofactor*	1.35	50	60	8.0	6.9	5.6	4.8	0.7	0.6	10.2	9.7	5.2	5.2
Nixu*	6.62	49	52	29.0	13.5	15.0	9.5	0.9	8.0	43.5	17.6		
Siili*	13.28	93	96	10.2	8.7	8.4	7.3	1.0	0.9	11.9	10.4	3.0	3.8
Solteq*	4.17	81	108	10.6	7.8	6.9	5.3	1.3	1.1	13.8	9.8	3.6	4.3
TietoEVRY*	25.90	3067	3846	10.9	9.8	7.1	6.5	1.3	1.2	10.0	9.3	5.4	5.8
Vincit*	6.78	86	83	9.0	7.3	8.4	6.9	1.0	0.9	13.3	11.1	3.2	3.5
Netum*	4.21	49		10.5	8.9	10.4	8.6	1.7	1.5	14.3	12.9	1.9	2.1
Bouvet	68.4	722	713	21.0	18.4	17.4	15.5	2.6	2.3	27.7	24.1	3.4	4.1
ENEA	215.0	447	503	16.5	15.3	11.2	10.4	4.5	4.4	19.7	18.5		
KnowlT	333.5	890	895	20.1	16.9	12.5	11.2	1.6	1.5	22.7	20.0	2.1	2.3
Netcompany	420.00	2822	3193	22.7	18.7	18.9	16.3	4.2	3.7	25.8	20.9	0.8	1.2
Digia (Inderes)	7.45	199	205	11.4	10.0	9.3	8.2	1.3	1.1	13.5	12.6	2.7	3.1
Average				15.3	12.1	11.3	9.5	1.8	1.6	19.9	15.7	2.8	3.2
Median all				11.1	9.4	10.4	8.0	1.3	1.1	17.8	15.3	2.6	2.9
Diff% cf. median all				2%	7%	-11%	3%	-1%	-1%	-24%	-18%	4%	6%
Median Finnish				10.6	8.5	8.4	7.1	1.0	0.9	14.1	11.8	3.0	3.5
Diff% cf. median Finnish				8%	18%	11%	16%	22%	24%	-4%	7%	-11%	-12%

Source: Thomson Reuters / Inderes. NB: The market cap Inderes uses does not consider own shares held by the company.

Income statement

Income statement	2019	2020	Q1'21	Q2'21	Q3'21	Q4'21	2021	Q1'22e	Q2'22e	Q3'22e	Q4'22e	2022 e	2023 e	2024 e	2025 e
Revenue	132	139	39.4	38.6	33.2	44.7	156	41.7	40.4	34.8	47.0	164	172	179	186
EBITDA	15.1	20.2	6.4	4.6	5.1	6.0	22.2	5.2	5.2	5.0	6.6	22.0	23.4	24.4	25.3
Depreciation	-5.5	-6.1	-2.0	-1.9	-1.8	-1.8	-7.5	-1.5	-1.7	-1.7	-1.7	-6.6	-6.7	-6.7	-6.7
EBITA	9.6	16.0	5.2	3.5	4.1	5.0	17.7	4.2	4.2	4.0	5.6	18.0	19.3	20.3	21.2
EBIT (excl. NRI)	11.0	16.0	4.8	3.5	4.5	4.9	17.7	4.2	4.2	4.0	5.6	18.0	19.3	20.3	21.2
EBIT	9.6	14.1	4.5	2.7	3.3	4.2	14.7	3.7	3.5	3.3	4.9	15.4	16.7	17.7	18.6
Net financial items	-0.5	-0.6	-0.1	-0.2	0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.3	-0.1	-0.1	0.0
PTP	9.1	13.5	4.4	2.5	3.4	4.3	14.6	3.6	3.4	3.3	4.9	15.1	16.5	17.6	18.6
Taxes	-2.0	-2.8	-0.8	-0.5	-0.7	-0.8	-2.8	-0.7	-0.7	-0.7	-1.0	-3.0	-3.3	-3.5	-3.7
Net earnings	7.1	10.6	3.6	2.0	2.8	3.5	11.8	2.9	2.7	2.6	3.9	12.1	13.2	14.1	14.9
EPS (adj.)	0.32	0.47	0.14	0.10	0.15	0.16	0.55	0.13	0.13	0.12	0.17	0.55	0.59	0.62	0.65
EPS (rep.)	0.26	0.40	0.13	0.07	0.10	0.13	0.44	0.11	0.10	0.10	0.15	0.45	0.50	0.53	0.56
Key figures	2019	2020	Q1'21	Q2'21	Q3'21	Q4'21	2021	Q1'22e	Q2'22e	Q3'22e	Q4'22e	2022 e	2023 e	2024e	2025 e
Revenue growth-%	17.6 %	5.5 %	7.8 %	9.7 %	12.9 %	18.1 %	12.1 %	5.7 %	4.7 %	4.7 %	5.1 %	5.1 %	5.0 %	4.0 %	4.0 %
EBITA growth		65.9 %	189%	64%	136%	208%	10%	-19%	19%	-1%	13%	2.1%	6.9 %	5.3 %	4.4 %
EBITA-%	7.3 %	11.5 %	13.1 %	9.1 %	12.3 %	11.1 %	11.4 %	10.1 %	10.3 %	11.6 %	12.0 %	11.0 %	11.2 %	11.4 %	11.4 %
EBIT-%	7.3 %	10.1 %	11.3 %	7.0 %	9.9 %	9.4 %	9.4 %	8.9 %	8.6 %	9.6 %	10.5 %	9.4 %	9.7 %	9.9 %	10.0 %
Net earnings-%	5.4 %	7.6 %	9.0 %	5.2 %	8.3 %	7.7 %	7.5 %	6.9 %	6.7 %	7.5 %	8.3 %	7.4 %	7.7 %	7.9 %	8.0 %

Balance sheet

Assets	2020	2021	2022 e	2023 e	2024e
Non-current assets	72.7	81.2	80.8	81.0	81.2
Goodwill	61.5	71.9	71.9	71.9	71.9
Intangible assets	0.0	0.0	0.3	0.5	0.7
Tangible assets	10.3	7.7	7.7	7.7	7.7
Associated companies	0.0	0.0	0.0	0.0	0.0
Other investments	0.5	0.5	0.6	0.6	0.6
Other non-current assets	0.0	0.5	0.0	0.0	0.0
Deferred tax assets	0.5	0.6	0.3	0.3	0.3
Current assets	42.0	50.9	49.2	48.2	51.7
Inventories	0.0	0.0	0.0	0.0	0.0
Other current assets	0.0	0.0	0.0	0.0	0.0
Receivables	25.6	32.8	32.8	34.4	35.8
Cash and equivalents	16.4	18.1	16.4	13.8	15.9
Balance sheet total	121	143	138	135	136

Liabilities & equity	2020	2021	2022 e	2023 e	2024e
Equity	60.7	68.1	75.6	83.5	91.5
Share capital	2.1	2.1	2.1	2.1	2.1
Retained earnings	11.7	19.2	26.8	34.7	42.6
Hybrid bonds	0.0	0.0	0.0	0.0	0.0
Revaluation reserve	0.0	0.0	0.0	0.0	0.0
Other equity	46.9	46.7	46.7	46.7	46.7
Minorities	0.0	0.0	0.0	0.0	0.0
Non-current liabilities	18.4	24.6	19.3	11.7	5.2
Deferred tax liabilities	1.1	1.9	0.2	0.2	0.2
Provisions	0.0	0.0	0.0	0.0	0.0
Long term debt	15.3	20.4	16.8	5.5	0.0
Convertibles	0.0	0.0	0.0	0.0	0.0
Other long term liabilities	2.0	2.3	2.3	6.0	5.0
Currentliabilities	41.9	50.4	43.3	39.7	39.4
Short term debt	11.7	8.5	5.6	1.8	0.0
Payables	30.3	42.0	37.7	37.8	39.4
Other current liabilities	0.0	0.0	0.0	0.0	0.0
Balance sheet total	121	143	138	135	136

DCF calculation

DCF model	2021	2022e	2023 e	2024e	2025 e	2026 e	2027e	2028e	2029 e	2030 e	2031e	TERM
EBIT (operating profit)	14.7	15.4	16.7	17.7	18.6	19.4	20.1	18.8	18.5	19.2	19.7	
+ Depreciation	7.5	6.6	6.7	6.7	6.7	4.4	4.3	4.2	4.2	4.3	4.3	
- Paid taxes	-2.2	-4.4	-3.3	-3.5	-3.7	-3.9	-4.0	-3.8	-3.7	-3.8	-3.9	
- Tax, financial expenses	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
+ Tax, financial income	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
- Change in working capital	4.5	-4.3	-1.5	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	
Operating cash flow	24.5	13.4	18.6	21.0	21.7	20.0	20.5	19.4	19.2	19.9	20.2	
+ Change in other long-term liabilities	0.3	0.0	3.7	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
- Gross CAPEX	-20.4	-3.9	-4.3	-4.3	-4.4	-4.4	-4.4	-4.5	-4.5	-4.6	-4.7	
Free operating cash flow	4.4	9.4	18.0	15.7	17.4	15.6	16.1	14.9	14.7	15.3	15.5	
+/- Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
FCFF	4.4	9.4	18.0	15.7	17.4	15.6	16.1	14.9	14.7	15.3	15.5	297
Discounted FCFF		8.8	15.6	12.6	12.9	10.8	10.3	8.9	8.1	7.8	7.3	141
Sum of FCFF present value		244	235	219	207	194	183	173	164	156	148	141
Enterprise value DCF		244										

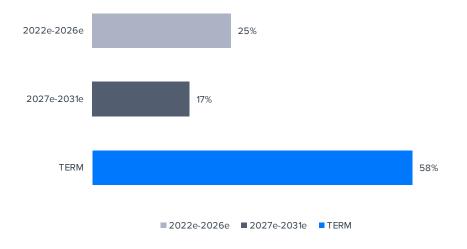
Enterprise value DCF	244
- Interesting bearing debt	-28.8
+ Cash and cash equivalents	18.1
-Minorities	0.0
-Dividend/capital return	0.0
Equity value DCF	233
Equity value DCF per share	8.7

Wacc

Weighted average cost of capital (WACC)	7.9 %
Cost of equity	8.6 %
Risk free interest rate	2.0 %
Liquidity premium	1.40%
Market risk premium	4.75%
Equity Beta	1.10
Cost of debt	6.0 %
Target debt ratio (D/(D+E)	20.0 %
Tax-% (WACC)	20.0 %

Source: Inderes

Cash flow distribution



Summary

Income statement	2019	2020	2021	2022 e	2023 e	Per share data	2019	2020	2021	2022 e	2023 e
Revenue	131.8	139.0	155.9	163.8	172.0	EPS (reported)	0.26	0.40	0.44	0.45	0.50
EBITDA	15.1	20.2	22.2	22.0	23.4	EPS (adj.)	0.32	0.47	0.55	0.55	0.59
EBIT	9.6	14.1	14.7	15.4	16.7	OCF / share	0.54	0.89	0.92	0.50	0.70
PTP	9.1	13.5	14.6	15.1	16.5	FCF / share	80.0	0.58	0.16	0.35	0.67
Net Income	7.1	10.6	11.8	12.1	13.2	Book value / share	1.98	2.26	2.55	2.83	3.13
Extraordinary items	-1.4	-1.9	-3.0	-2.6	-2.6	Dividend / share	0.10	0.15	0.17	0.20	0.23
Balance sheet	2019	2020	2021	2022e	2023e	Growth and profitability	2019	2020	2021	2022 e	2023 e
Balance sheet total	114.1	121.1	143.0	138.3	134.9	Revenue growth-%	18%	5%	12%	5%	5%
Equity capital	53.2	60.7	68.1	75.6	83.5	EBITDA growth-%	67%	33%	10%	-1%	6%
Goodwill	57.8	61.5	71.9	71.9	71.9	EBIT (adj.) growth-%	49%	66%	11%	2%	7 %
Net debt	22.6	10.5	10.7	6.0	-6.5	EPS (adj.) growth-%	54%	48%	18%	0%	8%
						EBITDA-%	11.5 %	14.5 %	14.2 %	13.5 %	13.6 %
Cash flow	2019	2020	2021	2022 e	2023 e	EBIT (adj.)-%	7.3 %	11.5 %	11.4 %	11.0 %	11.2 %
EBITDA	15.1	20.2	22.2	22.0	23.4	EBIT-%	7.3 %	10.1 %	9.4 %	9.4 %	9.7 %
Change in working capital	1.2	6.7	4.5	-4.3	-1.5	ROE-%	14.0 %	18.7 %	18.3 %	16.9 %	16.6 %
Operating cash flow	14.4	23.8	24.5	13.4	18.6	ROI-%	12.6 %	16.7 %	15.9 %	15.9 %	17.7 %
CAPEX	-11.6	-9.9	-20.4	-3.9	-4.3	Equity ratio	46.6 %	50.2 %	47.6 %	54.7 %	61.9 %
Free cash flow	2.2	15.7	4.4	9.4	18.0	Gearing	42.5 %	17.3 %	15.7 %	8.0 %	-7.8 %
Valuation multiples	2019	2020	2021	2022e	2023e						
EV/S	1.0	1.5	1.3	1.3	1.1						

Dividend-%Source: Inderes

EV/EBITDA (adj.)

EV/EBIT (adj.)

P/E (adj.)

P/E

8.6

11.8

12.7

2.0

2.5 %

10.5

13.3

16.1

3.3

2.0 %

9.0

11.2

12.7

2.8

2.4 %

9.3

11.4

13.5

2.6

2.7 %

8.2

10.0

12.6

2.4

3.1 %

Disclaimer and recommendation history

The information presented in Inderes reports is obtained from several different public sources that Inderes considers to be reliable. Inderes aims to use reliable and comprehensive information, but Inderes does not guarantee the accuracy of the presented information. Any opinions, estimates and forecasts represent the views of the authors. Inderes is not responsible for the content or accuracy of the presented information. Inderes and its employees are also not responsible for the financial outcomes of investment decisions made based on the reports or any direct or indirect damage caused by the use of the information. The information used in producing the reports may change quickly. Inderes makes no commitment to announcing any potential changes to the presented information and opinions.

The reports produced by Inderes are intended for informational use only. The reports should not be construed as offers or advice to buy, sell or subscribe investment products. Customers should also understand that past performance is not a guarantee of future results. When making investment decisions, customers must base their decisions on their own research and their estimates of the factors that influence the value of the investment and take into account their objectives and financial position and use advisors as necessary. Customers are responsible for their investment decisions and their financial outcomes.

Reports produced by Inderes may not be edited, copied or made available to others in their entirety, or in part, without Inderes' written consent. No part of this report, or the report as a whole, shall be transferred or shared in any form to the United States, Canada or Japan or the citizens of the aforementioned countries. The legislation of other countries may also lay down restrictions pertaining to the distribution of the information contained in this report. Any individuals who may be subject to such restrictions must take said restrictions into account.

Inderes issues target prices for the shares it follows. The recommendation methodology used by Inderes is based on the share's 12-month expected total shareholder return (including the share price and dividends) and takes into account Inderes' view of the risk associated with the expected returns. The recommendation policy consists of four tiers: Sell, Reduce, Accumulate and Buy. As a rule, Inderes' investment recommendations and target prices are reviewed at least 2-4 times per year in connection with the companies' interim reports, but the recommendations and target prices may also be changed at other times depending on the market conditions. The issued recommendations and target prices do not guarantee that the share price will develop in line with the estimate. Inderes primarily uses the following valuation methods in determining target prices and recommendations: Cash flow analysis (DCF), valuation multiples, peer group analysis and sum of parts analysis. The valuation methods and target price criteria used are always company-specific and they may vary significantly depending on the company and (or) industry.

Inderes' recommendation policy is based on the following distribution relative to the 12-month risk-adjusted expected total shareholder return.

Buy The 12-month risk-adjusted expected shareholder return of the share is very attractive

Accumulate The 12-month risk-adjusted expected shareholder return of the share is attractive

Reduce The 12-month risk-adjusted expected shareholder return of the share is weak

Sell The 12-month risk-adjusted expected shareholder return of the share is very weak

The assessment of the 12-month risk-adjusted expected total shareholder return based on the above-mentioned definitions is company-specific and subjective. Consequently, similar 12-month expected total shareholder returns between different shares may result in different recommendations, and the recommendations and 12-month expected total shareholder returns between different shares should not be compared with each other. The counterpart of the expected total shareholder return is Inderes' view of the risk taken by the investor, which varies considerably between companies and scenarios. Thus, a high expected total shareholder return does not necessarily lead to positive performance when the risks are exceptionally high and, correspondingly, a low expected total shareholder return does not necessarily lead to a negative recommendation if Inderes considers the risks to be moderate.

The analysts who produce Inderes' research and Inderes employees cannot have 1) shareholdings that exceed the threshold of significant financial gain or 2) shareholdings exceeding 1% in any company subject to Inderes' research activities. Inderes Oyj can only own shares in the target companies it follows to the extent shown in the company's model portfolio investing real funds. All of Inderes Oyj's shareholdings are presented in itemised form in the model portfolio. Inderes Oyj does not have other shareholdings in the target companies analysed. The remuneration of the analysts who produce the analysis are not directly or indirectly linked to the issued recommendation or views. Inderes Oyj does not have investment bank operations.

Inderes or its partners whose customer relationships may have a financial impact on Inderes may, in their business operations, seek assignments with various issuers with respect to services provided by Inderes or its partners. Thus, Inderes may be in a direct or indirect contractual relationship with an issuer that is the subject of research activities. Inderes and its partners may provide investor relations services to issuers. The aim of such services is to improve communication between the company and the capital markets. These services include the organisation of investor events, advisory services related to investor relations and the production of investor research reports.

More information about research disclaimers can be found at www.inderes.fi/research-disclaimer.

Inderes has made an agreement with the issuer and target of this report, which entails compiling a research report.

Recommendation history (>12 mo)

Date	Recommendation	Target price	Share price
02-03-18	Accumulate	2.40 €	2.17 €
30-04-18	Accumulate	2.85€	2.51€
13-08-18	Buy	3.40 €	2.90€
31-10-18	Accumulate	3.20 €	2.84€
11-02-19	Accumulate	3.10 €	2.69€
10-04-19	Buy	3.10 €	2.66€
06-05-19	Buy	3.50 €	2.95€
12-08-19	Buy	4.00€	3.48 €
09-09-19	Reduce	4.00€	4.02 €
29-10-19	Accumulate	4.00€	3.72 €
01-11-19	Accumulate	4.00€	3.82 €
10-02-20	Accumulate	5.20 €	4.90 €
08-05-20	Accumulate	5.70 €	5.24€
15-06-20	Accumulate	5.70 €	4.99 €
12-08-20	Accumulate	6.40 €	6.00€
02-11-20	Reduce	6.90 €	6.84€
16-12-20	Accumulate	7.20 €	6.34€
10-02-21	Reduce	8.40 €	8.56 €
16-03-21	Accumulate	8.40 €	7.28 €
05-05-21	Reduce	8.60€	8.40 €
08-07-21	Accumulate	8.60€	7.61€
09-08-21	Accumulate	8.40 €	7.68 €
02-09-21	Accumulate	8.40 €	7.53 €
19-10-21	Accumulate	8.10 €	7.02 €
01-11-21	Accumulate	8.10 €	6.90€
09-02-22	Accumulate	8.10 €	7.45 €

inde res.

Inderes' mission is to connect listed companies and investors. We produce high-quality research and content for the needs of our extensive investor community.

At Inderes we believe that open data is every investor's fundamental right. We guarantee investors' access to award-winning research, insightful video content and an active investor community.

For listed companies we ensure that there is always highquality information available on the company for investors and shareholders for decision making, and that data collected from investors can be utilized by the companies.

Over 100 Finnish listed companies want to serve their shareholders and investors through us by utilizing our company research services, data driven IR services, content creation and consulting.

Inderes Oyj

Itämerentori 2 FI-00180 Helsinki, Finland +358 10 219 4690

Award-winning research at inderes.fi







Juha Kinnunen 2012, 2016, 2017, 2018, 2019, 2020



Mikael Rautanen 2014, 2016, 2017, 2019



Sauli Vilèn 2012, 2016, 2018, 2019, 2020



Antti Viljakainen 2014, 2015, 2016, 2018, 2019, 2020



Petri Kajaani 2017, 2019, 2020



Joni Grönqvist 2019, 2020



Erkki Vesola 2018, 2020



Petri Gostowski 2020



Atte Riikola 2020



Olli Koponen 2020

Research belongs to everyone.