(Scale All Share, Technology, V3S GR)



Buy	
EUR <b>19.00</b>	(EUR 20.00)
Price	EUR 9.74
Upside	95.1 %

Value Indicators:	EUR	Warburg ESG Risk Score:	3.0	Description:	
DCF:	19.00	ESG Score (MSCI based):	3.0	Leading point-of-sale system	ns with a
FCF-Value Potential 2022e:	16.00	Balance Sheet Score:	5.0	focus on the gastronomy ar	nd bakery
		Market Liquidity Score:	1.0	sector	
Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2020e
Market cap:	77.8	Freefloat	48.3 %	Beta:	1.3
No. of shares (m):	8.0	Thomas Stümmler	22.6 %	Price / Book:	3.5 x
EV:	64.2	Jens Reckendorf	19.1 %	Equity Ratio:	63 %
Freefloat MC:	37.6	Primepulse SE	10.0 %		
Ø Trad. Vol. (30d):	127.85 th	TBF Global Asset Management	5.0 %		

## Preliminary 2020 sales in line despite difficult environment

Figures Q4/2	020:								Comment on Figures:
FY End: 31.12. in EUR m	Q4 20	Q4 20e	Q4 19	yoy	20	20e	19	yoy	<ul> <li>FY 2020 sales in line with estimates and guidance despite difficult environment</li> </ul>
Sales	7.8	7.3	7.7	2 %	28.0	27.5	25.2	11 %	<ul> <li>Earnings figures not yet published</li> </ul>

Vectron announced preliminary sales of EUR 28m for FY 2020, which corresponds with the guidance midpoint and the WR estimate of EUR 27.5m. This implies quarterly sales of EUR 7.8m in Q4, which is the same level as a year earlier. In January 2021, monthly revenues of EUR 2.4m were registered, which is even slightly higher than the January 2020 level, according to the company. Both the achievement of the 2020 targets and the solid start to FY 2021 is considered positive news against the background of the very adverse conditions in the hospitality sector. Vectron has not yet disclosed an earnings figure, but it is assumed that earnings too stayed within the guidance range (EBITDA EUR - 2m to +0.25m).

The requirement for tamper-proof cash register systems will provide strong tailwind once the current lock-down measures are lifted. The prolonged non-objection period ends March 31. The replacement of POS or upgrade of existing systems with a security device remains the most important short-term driver. This regulation-driven demand is expected to last for a couple of quarters going by the experience in other countries and in light of the recent burdens on businesses in the hospitality sector. In the short term, insolvencies of business owners might provide some headwind but the overall number of restaurants, cafes or bars is not expected to be materially lower post-COVID.

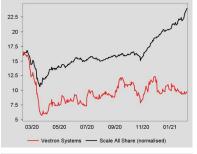
Vectron issued its 2021 guidance for sales of EUR 50m in August last year. At the time, COVID infections were at a temporarily low level. Despite the expectation of catch-up effects when customers re-open their businesses, it can be assumed that customers on average will be slower to adopt the regulation (unless financial authorities step up the pressure to clamp down on black-market transactions) or will opt for the less costly solution of an upgrade rather than a replacement. The roll-out of Vectron' digital services is currently being hampered by the lock-down measures as are new subscriptions, which can hardly be gained if businesses are closed. Against this background, expectations for FY 2021 revenues are reduced to ~ EUR 40m.

The PT is slightly reduced to EUR 19 as a result of the lower estimates. Key still remains the establishment of Vectron's SaaS platform and increase in future share of recurring sales driven by digital products.

Changes in E	estimates:					
FY End: 31.12. in EUR m	2020e (old)	+/-	2021e (old)	+/-	2022e (old)	+/-
Sales EBIT	27.5 -2.3	1.8 % n.m.	50.6 8.9	-19.6 % -63.2 %	64.1 14.0	-2.8 % -7.4 %

#### Comment on Changes:

- Adjustment of estimates in light of ongoing lock-down
- Return to profitability expected in FY 2021, as stronger demand catchup should kick in from Q2 onwards

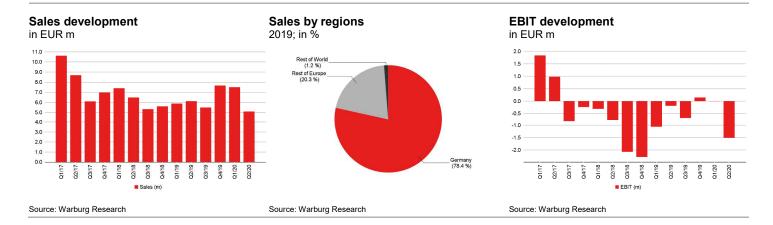


Rel. Performance	vs Scale All
1 month:	-21.4 %
6 months:	-52.2 %
Year to date:	-21.7 %
Trailing 12 months:	-88.8 %

FY End: 31.12. in EUR m	CAGR (19-22e)	2016	2017	2018	2019	2020e	2021e	2022e
Sales	35.3 %	33.7	32.4	24.8	25.2	28.0	40.7	62.3
Change Sales yoy	5515 13	33.7 %	-4.0 %	-23.3 %	1.4 %	11.2 %	45.3 %	53.2 %
Gross profit margin		54.4 %	56.7 %	53.7 %	57.8 %	58.4 %	58.5 %	58.5 %
EBITDA	-	3.6	2.3	-3.8	-1.4	-1.4	3.9	13.6
Margin		10.7 %	7.0 %	-15.2 %	-5.5 %	-4.8 %	9.6 %	21.8 %
EBIT	-	3.1	1.8	-5.4	-1.8	-2.0	3.3	12.9
Margin		9.1 %	5.4 %	-22.0 %	-7.1 %	-7.1 %	8.1 %	20.8 %
Net income	-	2.0	1.1	-3.9	-1.4	-1.6	1.9	8.6
EPS	-	1.23	0.16	-0.59	-0.19	-0.20	0.24	1.08
EPS adj.	-	1.23	0.16	-0.59	-0.19	-0.20	0.24	1.08
DPS	-	1.00	0.05	0.05	0.00	0.00	0.10	0.20
Dividend Yield		9.0 %	0.2 %	0.3 %	n.a.	n.a.	1.0 %	2.1 %
FCFPS		0.23	-0.46	-0.40	-0.38	-0.02	0.27	0.58
FCF / Market cap		2.1 %	-1.8 %	-2.1 %	-3.4 %	-0.2 %	2.7 %	5.9 %
EV / Sales		n.a.	5.0 x	5.2 x	3.2 x	2.4 x	1.6 x	1.0 x
EV / EBITDA		n.a.	71.4 x	n.a.	n.a.	n.a.	16.5 x	4.5 x
EV / EBIT		n.a.	92.2 x	n.a.	n.a.	n.a.	19.6 x	4.7 x
P/E		9.1 x	154.5 x	n.a.	n.a.	n.a.	40.6 x	9.0 x
P / E adj.		9.1 x	154.5 x	n.a.	n.a.	n.a.	40.6 x	9.0 x
FCF Potential Yield		n.a.	0.9 %	-1.8 %	-1.4 %	-1.6 %	4.1 %	15.4 %
Net Debt		-7.2	-1.7	1.2	-0.9	-11.5	-13.6	-17.4
ROCE (NOPAT)		29.8 %	11.2 %	n.a.	n.a.	n.a.	21.6 %	75.0 %
Guidance:	2020: Sales E	UR 28m; EB	ITDA -2 - 0.2	:5m				

Company events:



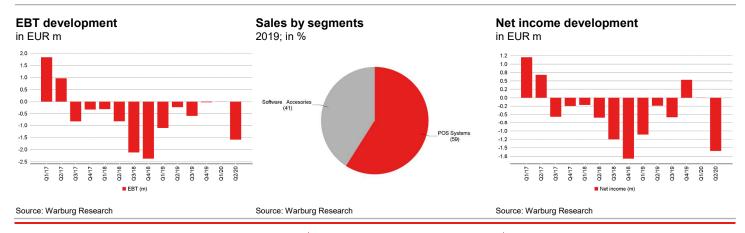


## **Company Background**

- Vectron is a leading provider of POS systems. The products are positioned in the medium to premium segment. With its high degree of functionality, Vectron is one of the technology and innovation leaders.
- Vectron focuses on the market for proprietary POS systems (30% of the overall market). PC-based systems (bulk of the market) usually require higher maintenance and are primarily used by large chain stores.
- Vectron's market share is particularly high in the food service and bakery industries, where the company is market leader for proprietary systems in the German-speaking area with a market share of ca. 25%.
- Vectron has some 180 employees. About one-third are employed in development and product management as the company aims to maintain its position as technology leader.
- Since end of 2013, Vectron addresses non-premium market segments and new markets abroad with a second trademark (Duratec) and simpler systems

### **Competitive Quality**

- Factors such as high reliability, ease of operation and low follow-up costs (maintenance/support) are required in the food service and bakery target sectors which are characterised by an atomistic customer structure.
- This explains the high penetration rate of the proprietary POS systems. Given that the large producers of POS systems mainly offer PC-based systems Vectron mainly has to face smaller competitors.
- Vectron differentiates itself from the mainly smaller competitors by rigorously pursuing the further development of the POS systems and thanks to the high additional use offered by wide functionality.
- By focusing on the premium segment, Vectron avoids the typical problems in the lower segment: solely differentiating on price. This is underpinned by gross margins of ca. 55% and ROCEs of well above 10%.
- Growth opportunities presently arise from the establishment of the cooperation with DeutschlandCard and potentially further partners.





DCF model														
	Detaile	d forecas	t period				7	ransition	al period					Term. Value
Figures in EUR m	2020e	2021e	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	
Sales	28.0	40.7	62.3	53.6	62.2	67.8	72.5	77.6	81.5	85.5	89.8	94.3	n.a.	
Sales change	11.2 %	45.3 %	53.2 %	-14.0 %	16.0 %	9.0 %	7.0 %	7.0 %	5.0 %	5.0 %	5.0 %	5.0 %	n.a.	1.8 %
EBIT	-2.0	3.3	12.9	7.5	11.2	13.6	14.5	15.5	16.3	17.1	18.0	18.9	n.a.	
EBIT-margin	-7.1 %	8.1 %	20.8 %	14.0 %	18.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	n.a.	
Tax rate (EBT)	27.6 %	31.0 %	31.0 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	n.a.	
NOPAT	-1.4	2.3	8.9	5.2	7.8	9.4	10.1	10.8	11.3	11.9	12.5	13.1	n.a.	
Depreciation	0.6	0.6	0.6	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	n.a.	
in % of Sales	2.2 %	1.5 %	1.0 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	n.a.	
Changes in provisions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n.a.	
Change in Liquidity from														
- Working Capital	-1.3	0.5	4.0	-2.2	1.0	1.0	0.9	0.9	0.7	0.7	0.8	0.8	n.a.	
- Capex	0.6	0.6	0.6	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	n.a.	
Capex in % of Sales	2.1 %	1.4 %	0.9 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	n.a.	
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n.a.	
Free Cash Flow (WACC Model)	0.0	1.8	5.0	7.5	6.8	8.4	9.2	9.9	10.6	11.2	11.7	12.3	n.a.	13
PV of FCF	0.0	1.7	4.2	5.9	4.9	5.6	5.7	5.6	5.6	5.4	5.3	5.1	n.a.	78
share of PVs		4.24 %						39.34	<b>1</b> %					56.42 %

Model parameter				Valuation (m)			
Derivation of WACC:		Derivation of Beta:		Present values 2032e	60		
				Terminal Value	78		
Debt ratio	6.00 %	Financial Strength	1.20	Financial liabilities	10		
Cost of debt (after tax)	2.8 %	Liquidity (share)	1.50	Pension liabilities	0		
Market return	7.00 %	Cyclicality	1.10	Hybrid capital	0		
Risk free rate	1.50 %	Transparency	1.40	Minority interest	0		
		Others	1.30	Market val. of investments	2		
				Liquidity	23	No. of shares (m)	8.0
WACC	8.30 %	Beta	1.30	Equity Value	152	Value per share (EUR)	19.00

Sens	itivity Va	lue per Sh	are (EUR	)													
		Terminal (	Growth								Delta EBIT	Γ-margin					
Beta	WACC	1.00 %	1.25 %	1.50 %	1.75 %	2.00 %	2.25 %	2.50 %	Beta	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.49	9.3 %	15.68	15.90	16.12	16.37	16.63	16.90	17.20	1.49	9.3 %	15.12	15.53	15.95	16.37	16.78	17.20	17.62
1.40	8.8 %	16.76	17.02	17.29	17.59	17.90	18.24	18.61	1.40	8.8 %	16.24	16.69	17.14	17.59	18.03	18.48	18.93
1.35	8.5 %	17.36	17.64	17.94	18.26	18.61	18.99	19.40	1.35	8.5 %	16.87	17.33	17.80	18.26	18.73	19.20	19.66
1.30	8.3 %	18.00	18.31	18.64	19.00	19.38	19.80	20.26	1.30	8.3 %	17.54	18.03	18.51	19.00	19.48	19.97	20.45
1.25	8.0 %	18.68	19.02	19.39	19.79	20.22	20.69	21.20	1.25	8.0 %	18.27	18.78	19.28	19.79	20.29	20.80	21.31
1.20	7.8 %	19.42	19.80	20.21	20.65	21.13	21.65	22.23	1.20	7.8 %	19.06	19.59	20.12	20.65	21.18	21.70	22.23
1.11	7.3 %	21.07	21.54	22.05	22.60	23.21	23.88	24.61	1.11	7.3 %	20.87	21.45	22.03	22.60	23.18	23.76	24.34

- Model reflects fiscal regulation
- Increasing digitalization drives mid term sales and profitability increase
- Model is not yet reflecting the company target of > EUR 100m in sales by 2022



#### Free Cash Flow Value Potential

Warburg Research's valuation tool "FCF Value Potential" reflects the ability of the company to generate sustainable free cash flows. It is based on the "FCF potential" - a FCF "ex growth" figure - which assumes unchanged working capital and pure maintenance capex. A value indication is derived via the perpetuity of a given year's "FCF potential" with consideration of the weighted costs of capital. The fluctuating value indications over time add a timing element to the DCF model (our preferred valuation tool).

in EUR m	2016	2017	2018	2019	2020e	2021e	2022e
Net Income before minorities	n.a.	1.1	-3.9	-1.4	-1.6	2.1	8.8
+ Depreciation + Amortisation	n.a.	0.5	1.7	0.4	0.6	0.6	0.6
- Net Interest Income	n.a.	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2
- Maintenance Capex	n.a.	0.3	0.3	0.3	0.3	0.3	0.3
+ Other	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
= Free Cash Flow Potential	n.a.	1.4	-2.3	-1.1	-1.1	2.6	9.3
FCF Potential Yield (on market EV)	n/a	0.9 %	-1.8 %	-1.4 %	-1.6 %	4.1 %	15.4 %
WACC	8.30 %	8.30 %	8.30 %	8.30 %	8.30 %	8.30 %	8.30 %
= Enterprise Value (EV)	n.a.	161.4	128.5	79.9	66.3	64.2	60.4
= Fair Enterprise Value	n.a.	16.6	n.a.	n.a.	n.a.	31.8	112.1
- Net Debt (Cash)	n.a.	-11.5	-11.5	-11.5	-11.5	-13.6	-17.4
- Pension Liabilities	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
- Other	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
<ul> <li>Market value of minorities</li> </ul>	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
+ Market value of investments	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
= Fair Market Capitalisation	n.a.	28.0	n.a.	n.a.	n.a.	45.4	129.5
Number of shares, average	1.6	6.6	6.6	7.2	7.9	7.9	7.9
= Fair value per share (EUR)	n.a.	4.25	n.a.	n.a.	n.a.	5.73	16.34
premium (-) / discount (+) in %						-41.2 %	67.8 %
Sensitivity Fair value per Share (EUR	)						
11.30	) % n.a.	2.96	n.a.	n.a.	n.a.	4.63	12.49
10.30	) % n.a.	3.11	n.a.	n.a.	n.a.	4.91	13.49
9.30	) % n.a.	3.28	n.a.	n.a.	n.a.	5.26	14.71
WACC 8.30		3.51	n.a.	n.a.	n.a.	5.69	16.22
7.30		3.79	n.a.	n.a.	n.a.	6.23	18.14
6.30		4.17	n.a.	n.a.	n.a.	6.95	20.67
5.30	) % n.a.	4.68	n.a.	n.a.	n.a.	7.94	24.16

<sup>•</sup> Rising value indication with higher business volume...

<sup>...</sup>this is due to a high operating leverage given gross margins of >50%



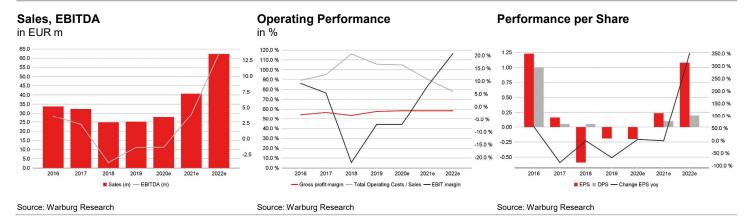
Valuation							
	2016	2017	2018	2019	2020e	2021e	2022e
Price / Book	1.2 x	11.4 x	12.6 x	5.8 x	3.5 x	3.3 x	2.5 x
Book value per share ex intangibles	8.75	1.94	1.51	1.88	2.80	2.93	3.90
EV / Sales	n.a.	5.0 x	5.2 x	3.2 x	2.4 x	1.6 x	1.0 x
EV / EBITDA	n.a.	71.4 x	n.a.	n.a.	n.a.	16.5 x	4.5 x
EV / EBIT	n.a.	92.2 x	n.a.	n.a.	n.a.	19.6 x	4.7 x
EV / EBIT adj.*	n.a.	92.2 x	n.a.	n.a.	n.a.	19.6 x	4.7 x
P/FCF	48.7 x	n.a.	n.a.	n.a.	n.a.	36.6 x	16.9 x
P/E	9.1 x	154.5 x	n.a.	n.a.	n.a.	40.6 x	9.0 x
P / E adj.*	9.1 x	154.5 x	n.a.	n.a.	n.a.	40.6 x	9.0 x
Dividend Yield	9.0 %	0.2 %	0.3 %	n.a.	n.a.	1.0 %	2.1 %
FCF Potential Yield (on market EV)	n.a.	0.9 %	-1.8 %	-1.4 %	-1.6 %	4.1 %	15.4 %
*Adjustments made for: -							



Consolidated profit & loss							
In EUR m	2016	2017	2018	2019	2020e	2021e	20226
Sales	33.7	32.4	24.8	25.2	28.0	40.7	62.3
Change Sales yoy	33.7 %	<b>-</b> 4.0 %	-23.3 %	1.4 %	11.2 %	45.3 %	53.2 %
Increase / decrease in inventory	0.0	0.6	0.2	0.0	0.0	0.0	0.0
Own work capitalised	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Sales	33.7	33.0	25.0	25.2	28.0	40.7	62.3
Material expenses	15.4	14.6	11.7	10.7	11.6	16.9	25.9
Gross profit	18.4	18.4	13.3	14.5	16.3	23.8	36.5
Gross profit margin	54.4 %	56.7 %	53.7 %	57.8 %	58.4 %	58.5 %	58.5 %
Personnel expenses	8.6	9.7	10.2	9.3	9.7	11.0	12.5
Other operating income	0.4	0.6	0.5	0.3	0.6	0.6	0.6
Other operating expenses	6.6	7.0	7.4	7.0	8.6	9.5	11.0
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	3.6	2.3	-3.8	-1.4	-1.4	3.9	13.6
Margin	10.7 %	7.0 %	-15.2 %	-5.5 %	-4.8 %	9.6 %	21.8 %
Depreciation of fixed assets	0.3	0.3	0.4	0.2	0.4	0.4	0.4
EBITA	3.3	1.9	-4.2	-1.6	-1.8	3.5	13.1
Amortisation of intangible assets	0.2	0.2	1.3	0.2	0.2	0.2	0.2
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	3.1	1.8	-5.4	-1.8	-2.0	3.3	12.9
Margin	9.1 %	5.4 %	-22.0 %	-7.1 %	-7.1 %	8.1 %	20.8 %
EBIT adj.	3.1	1.8	-5.4	-1.8	-2.0	3.3	12.9
Interest income	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Interest expenses	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Other financial income (loss)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
EBT	3.0	1.7	-5.6	-2.0	-2.2	3.1	12.7
Margin	8.8 %	5.1 %	-22.6 %	-7.8 %	-7.8 %	7.6 %	20.4 %
Total taxes	1.0	0.6	-1.7	-0.6	-0.6	1.0	3.9
Net income from continuing operations	2.0	1.1	-3.9	-1.4	-1.6	2.1	8.8
Income from discontinued operations (net of tax)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income before minorities	2.0	1.1	-3.9	-1.4	-1.6	2.1	8.8
Minority interest	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Net income	2.0	1.1	-3.9	-1.4	-1.6	1.9	8.6
Margin	5.8 %	3.3 %	-15.6 %	-5.5 %	-5.6 %	4.7 %	13.7 %
Number of shares, average	1.6	6.6	6.6	7.2	7.9	7.9	7.9
EPS	1.23	0.16	-0.59	-0.19	-0.20	0.24	1.08
EPS adj.	1.23	0.16	-0.59	-0.19	-0.20	0.24	1.08
*Adjustments made for:							

Guidance: 2020: Sales EUR 28m; EBITDA -2 - 0.25m

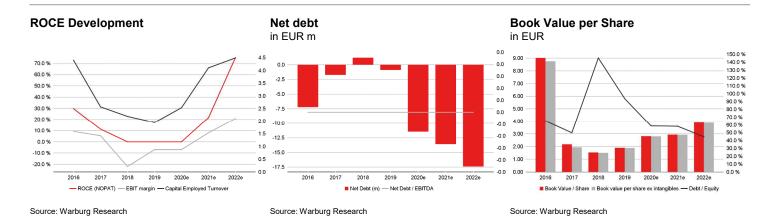
Financial Ratios							
	2016	2017	2018	2019	2020e	2021e	2022e
Total Operating Costs / Sales	89.4 %	95.0 %	116.1 %	105.6 %	104.8 %	90.4 %	78.2 %
Operating Leverage	1.5 x	10.9 x	n.a.	-48.6 x	1.0 x	n.a.	5.5 x
EBITDA / Interest expenses	37.2 x	14.9 x	n.m.	n.m.	n.m.	19.5 x	67.8 x
Tax rate (EBT)	33.8 %	35.3 %	31.0 %	28.7 %	27.6 %	31.0 %	31.0 %
Dividend Payout Ratio	81.5 %	30.7 %	n.m.	0.0 %	0.0 %	37.4 %	18.0 %
Sales per Employee	235,783	203,667	154,193	156,331	169,630	312,881	479,349





Consolidated balance sheet							
In EUR m	2016	2017	2018	2019	2020e	2021e	2022e
Assets							
Goodwill and other intangible assets	0.4	1.5	0.2	0.1	0.1	0.1	0.1
thereof other intangible assets	0.4	1.5	0.2	0.1	0.1	0.1	0.1
thereof Goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Property, plant and equipment	0.7	0.6	0.6	0.5	0.4	0.4	0.3
Financial assets	0.9	1.8	1.8	2.1	2.1	2.1	2.1
Other long-term assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fixed assets	2.1	4.0	2.6	2.6	2.6	2.6	2.5
Inventories	4.8	7.6	5.8	5.0	5.1	4.3	5.7
Accounts receivable	4.9	3.3	2.3	5.0	3.8	5.6	8.5
Liquid assets	11.7	5.5	11.6	11.3	21.9	24.0	27.8
Other short-term assets	1.2	1.1	2.7	2.8	2.3	0.7	0.7
Current assets	22.5	17.5	22.3	24.1	33.1	34.6	42.7
Total Assets	24.6	21.5	24.9	26.7	35.7	37.2	45.3
Liabilities and shareholders' equity							
Subscribed capital	1.6	6.6	6.6	7.3	8.0	8.0	8.0
Capital reserve	10.3	5.4	5.4	9.7	19.8	19.8	19.8
Retained earnings	0.0	0.0	0.0	0.0	-1.5	0.4	8.1
Other equity components	2.9	2.3	-1.9	-3.3	-3.8	-4.7	-4.7
Shareholders' equity	14.9	14.3	10.1	13.8	22.5	23.5	31.3
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total equity	14.9	14.3	10.1	13.8	22.5	23.5	31.3
Provisions	3.2	1.7	1.0	1.2	1.2	1.2	1.2
thereof provisions for pensions and similar obligations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial liabilities (total)	4.4	3.8	12.8	10.4	10.4	10.4	10.4
thereof short-term financial liabilities	8.0	1.1	8.0	10.4	10.4	10.4	10.4
Accounts payable	1.5	1.4	0.6	0.9	1.2	1.7	2.0
Other liabilities	0.6	0.2	0.4	0.4	0.4	0.4	0.4
Liabilities	9.7	7.2	14.7	12.9	13.2	13.7	14.0
Total liabilities and shareholders' equity	24.6	21.5	24.9	26.7	35.7	37.2	45.3

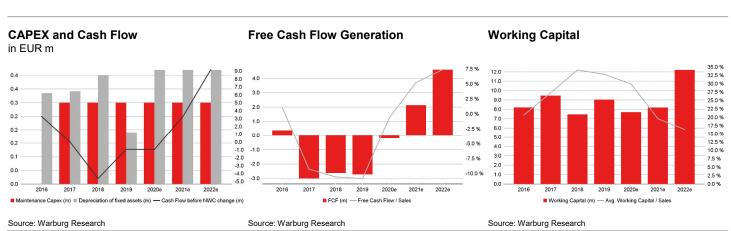
Financial Ratios							
	2016	2017	2018	2019	2020e	2021e	2022e
Efficiency of Capital Employment							
Operating Assets Turnover	3.8 x	3.2 x	3.1 x	2.6 x	3.4 x	4.7 x	5.0 x
Capital Employed Turnover	4.4 x	2.6 x	2.2 x	1.9 x	2.5 x	4.1 x	4.5 x
ROA	95.4 %	27.2 %	-151.1 %	-52.7 %	-60.6 %	74.0 %	339.7 %
Return on Capital							
ROCE (NOPAT)	29.8 %	11.2 %	n.a.	n.a.	n.a.	21.6 %	75.0 %
ROE	17.4 %	7.4 %	-31.7 %	-11.6 %	-8.7 %	8.2 %	31.2 %
Adj. ROE	17.4 %	7.4 %	-31.7 %	-11.6 %	-8.7 %	8.2 %	31.2 %
Balance sheet quality							
Net Debt	<b>-</b> 7.2	-1.7	1.2	-0.9	-11.5	-13.6	-17.4
Net Financial Debt	<b>-</b> 7.2	-1.7	1.2	-0.9	-11.5	-13.6	-17.4
Net Gearing	<b>-</b> 48.5 %	-12.1 %	11.9 %	-6.5 %	-50.9 %	<i>-</i> 57.8 %	-55.6 %
Net Fin. Debt / EBITDA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Book Value / Share	9.0	2.2	1.5	1.9	2.8	2.9	3.9
Book value per share ex intangibles	8.8	1.9	1.5	1.9	2.8	2.9	3.9





Consolidated cash flow statement							
In EUR m	2016	2017	2018	2019	2020e	2021e	2022e
Net income	2.0	1.1	-3.9	-1.4	-1.6	1.9	8.6
Depreciation of fixed assets	0.3	0.3	0.4	0.2	0.4	0.4	0.4
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	0.2	0.2	1.3	0.2	0.2	0.2	0.2
Increase/decrease in long-term provisions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other non-cash income and expenses	0.8	-1.6	-2.4	0.1	0.0	0.7	0.0
Cash Flow before NWC change	3.3	0.0	-4.6	-0.9	-1.0	3.2	9.2
Increase / decrease in inventory	-1.0	-2.9	1.8	8.0	-0.1	8.0	-1.4
Increase / decrease in accounts receivable	-1.5	1.6	1.0	-2.7	1.2	-1.8	-2.9
Increase / decrease in accounts payable	0.0	0.0	-0.8	0.3	0.3	0.5	0.3
Increase / decrease in other working capital positions	0.0	-0.3	0.3	0.0	0.0	0.0	0.0
Increase / decrease in working capital (total)	-2.5	-1.5	2.3	-1.6	1.3	-0.5	-4.0
Net cash provided by operating activities [1]	0.8	-1.5	-2.3	-2.5	0.4	2.7	5.2
Investments in intangible assets	-0.2	-1.3	-0.2	-0.2	-0.2	-0.2	-0.2
Investments in property, plant and equipment	-0.3	-0.2	-0.4	-0.4	-0.4	-0.4	-0.4
Payments for acquisitions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial investments	0.0	-0.9	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Net cash provided by investing activities [2]	-0.4	-2.4	-0.3	-0.1	-0.6	-0.6	-0.6
Change in financial liabilities	-3.3	-0.6	8.9	-2.3	0.0	0.0	0.0
Dividends paid	-0.7	-1.6	-0.3	0.0	0.0	0.0	-0.8
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	5.9	0.0	0.0	5.1	10.8	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net cash provided by financing activities [3]	1.9	-2.2	8.6	2.7	10.8	0.0	-0.8
Change in liquid funds [1]+[2]+[3]	2.2	-6.1	6.0	0.1	10.6	2.1	3.8
Effects of exchange-rate changes on cash	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cash and cash equivalent at end of period	11.7	5.5	11.6	11.7	21.9	24.0	27.8

Financial Ratios							
	2016	2017	2018	2019	2020e	2021e	2022e
Cash Flow							
FCF	0.4	-3.0	-2.6	-2.7	-0.2	2.1	4.6
Free Cash Flow / Sales	1.1 %	-9.3 %	-10.6 %	-10.8 %	-0.7 %	5.2 %	7.4 %
Free Cash Flow Potential	n.a.	1.4	-2.3	-1.1	-1.1	2.6	9.3
Free Cash Flow / Net Profit	18.6 %	-279.6 %	67.8 %	196.0 %	12.2 %	112.5 %	53.7 %
Interest Received / Avg. Cash	0.7 %	0.7 %	0.5 %	0.2 %	0.0 %	0.0 %	0.0 %
Interest Paid / Avg. Debt	1.6 %	3.7 %	2.5 %	1.7 %	1.9 %	1.9 %	1.9 %
Management of Funds							
Investment ratio	1.2 %	4.7 %	2.3 %	2.3 %	2.1 %	1.4 %	0.9 %
Maint. Capex / Sales	n.a.	0.9 %	1.2 %	1.2 %	1.1 %	0.7 %	0.5 %
Capex / Dep	78.6 %	300.2 %	34.5 %	148.7 %	93.5 %	93.5 %	93.5 %
Avg. Working Capital / Sales	20.7 %	27.3 %	34.1 %	32.8 %	29.9 %	19.5 %	16.4 %
Trade Debtors / Trade Creditors	336.9 %	228.8 %	375.5 %	541.0 %	316.7 %	329.4 %	425.0 %
Inventory Turnover	3.2 x	1.9 x	2.0 x	2.1 x	2.3 x	3.9 x	4.5 x
Receivables collection period (days)	53	37	33	73	50	50	50
Payables payment period (days)	34	36	19	32	38	37	28
Cash conversion cycle (Days)	131	191	196	211	172	106	102





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Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)			
Vectron Systems AG	3, 5	http://www.mmwarburg.com/disclaimer/disclaimer_en/DE000A0KEXC7.htm			



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-B-	Buy:	The price of the analysed financial instrument is expected to rise over the next 12 months.
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<u>"_"</u>	Rating suspended:	The available information currently does not permit an evaluation of the company.

Rating	Number of stocks	% of Universe
Buy	130	63
Hold	61	30
Sell	8	4
Rating suspended	6	3
Total	205	100

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... taking into account only those companies which were provided with major investment services in the last twelve months.

Rating	Number of stocks	% of Universe
Buy	37	80
Hold	6	13
Sell	0	0
Rating suspended	3	7
Total	46	100

#### PRICE AND RATING HISTORY VECTRON SYSTEMS AG AS OF 09.02.2021



Markings in the chart show rating changes by Warburg Research GmbH in the last 12 months. Every marking details the date and closing price on the day of the rating change.



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