(Scale All Share, Technology)



DCF: 20.00 Bloomberg: V3S GR Leading point-of-sale system	
= = = = = = = = = = = = = = = = = = =	
FCF-Value Potential 2022e: 17.00 Reuters: V3SG focus on the gastronomy an	l bakery
EUR 20.00 (EUR 22.00) ISIN: DE000A0KEXC7	
Market Snapshot: EUR m Shareholders: Risk Profile (WRe):	2019e
Market cap: 70.8 Freefloat 48.3 % Beta:	1.3
Price EUR 8.86 No. of shares (m): 8.0 Thomas Stümmler 22.6 % Price / Book:	5.8 x
Upside 125.7 % EV: 63.1 Jens Reckendorf 19.1 % Equity Ratio:	52 %
Freefloat MC: 34.2 Primepulse SE 10.0 %	
Ø Trad. Vol. (30d): 345.43 th TBF Global Asset Management 5.0 %	

Transition period for tamper-proof cash registers could be extended

While Vectron was still able to report an operatively strong first quarter, as expected, high uncertainty is set to dominate in the coming months. **Demand is likely to face a strong collapse, especially in the current quarter**. At the same time, there is little visibility as to whether a recovery will set in during H2 or only in 2021. The outlook beyond 2020, however, remains unchanged.

In Q1, Vectron achieved a yoy revenue increase of 27% with revenues of EUR 7.5m, which principally clarifies the high level of existing demand for the retrofit of cash registers or the need to replace existing systems. In light of the shut-down of businesses in the gastronomy sector, however, a massive decline in revenue is to be expected for the current quarter. We are expecting low Q2 revenues of EUR 2-3m (-60% to -75% qoq). At this revenue level, the EBIT will clearly be in negative territory at ca. EUR -3m (after EUR -0.8m in Q1).

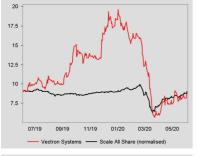
Considering the COVID-related burden, it is of little surprise that voices from the affected sectors are being raised to demand an extension of the non-compliance waiver period for the implementation of manipulation-proof cash registers which is in place until the end of September. Support for the proposal has been expressed by the Minister for Economic Affairs Altmeier (CDU, in "Berlin Direkt" on 24.05). However, the legislation was introduced by the Finance Ministry. In light of the strong financial burden on businesses in the gastronomy sector and smaller traders, an extension of the compliance deadline by 6-9 months would be a simple way to provide some short-term support for this sector. To the benefit of the gastronomy sector, however, a decision has already been made to temporarily reduce the VAT rate to 7% from July 2020 to June 2021, which represents a far greater relief financially (if revenues are being generated) and could potentially be regarded as sufficient support. If the deadline is postponed by two to three quarters, revenues of around EUR 8-13m can be expected in H2 and a still negative EBIT of EUR -3m to EUR -6m which, in comparison to the year before, also reflects the higher cost base for the introduction of the digital services. In light of the capital increase at the beginning of the year (inflow of >EUR 10m) and an equity ratio of almost 60%, the balance sheet is still solid.

In both scenarios, a clear rise in revenues can be expected for 2021 and a return to positive earnings. As well as the regulatory requirements, the establishment of digital services is the most important growth driver. The provision of a cash-register system without hardware investment (and refinancing on Vectron's part with obligatory payment services) should continue to represent a competitive advantage in this environment. Overall, the Buy rating remains unchanged with a somewhat lower price target. However, in the nearer future, discussion related to an extension of the deadline linked with the lower operative visibility should provide for headwind.

Changes in Es	stimates:					
FY End: 31.12. in EUR m	2020e (old)	+ / -	2021e (old)	+/-	2022e (old)	+/-
Sales	35.2	-37.5 %	59.3 8.7	0.0 %	69.6	0.0 %

Comment on Changes:

- New estimates reflect risks from the extension of the non-compliance waiver
- For 2021, clear growth is expected for all scenarios. Future forecasts remain unchanged.

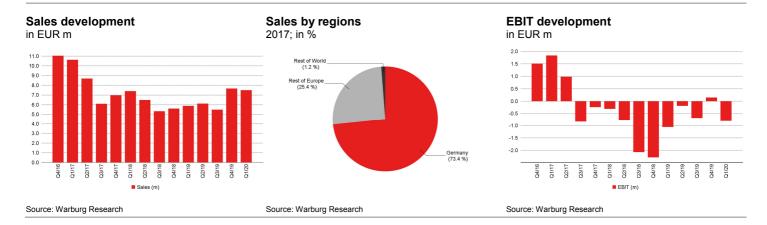


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Rel. Performance vs Scal	ie Ali
1 month:	6.9 %
6 months:	-49.3 %
Year to date:	-51.6 %
Trailing 12 months:	-2.2 %

Trailing 12 months:	-2.2 %
Company events: 31.08.20	Q2

FY End: 31.12.	CAGR	0040	0047	0040	0040	0000-	0004-	0000-
in EUR m	(19-22e)	2016	2017	2018	2019	2020e	2021e	2022e
Sales	40.4 %	33.7	32.4	24.8	25.2	22.0	59.3	69.6
Change Sales yoy		33.7 %	-4.0 %	-23.3 %	1.4 %	-12.6 %	169.5 %	17.4 %
Gross profit margin		54.4 %	56.7 %	53.7 %	57.8 %	56.0 %	57.0 %	58.0 %
EBITDA	-	3.6	2.3	-3.8	-1.4	-6.8	9.3	14.7
Margin		10.7 %	7.0 %	-15.2 %	-5.5 %	-30.8 %	15.7 %	21.1 %
EBIT	-	3.1	1.8	-5.4	-1.8	-7.4	8.7	14.1
Margin		9.1 %	5.4 %	-22.0 %	-7.1 %	-33.6 %	14.6 %	20.2 %
Net income	-	2.0	1.1	-3.9	-1.4	-7.0	5.6	9.3
EPS	-	1.23	0.16	-0.59	-0.19	-0.88	0.71	1.18
EPS adj.	-	1.23	0.16	-0.59	-0.19	-0.88	0.71	1.18
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.	1.1 %	2.3 %
FCFPS		0.23	-0.46	-0.40	-0.38	-0.51	0.20	0.98
FCF / Market cap		2.1 %	-1.8 %	-2.1 %	-3.4 %	-5.7 %	2.2 %	11.0 %
EV / Sales		n.a.	5.0 x	5.2 x	3.2 x	2.9 x	1.0 x	0.8 x
EV / EBITDA		n.a.	71.4 x	n.a.	n.a.	n.a.	6.6 x	3.7 x
EV / EBIT		n.a.	92.2 x	n.a.	n.a.	n.a.	7.1 x	3.9 x
P/E		9.1 x	154.5 x	n.a.	n.a.	n.a.	12.5 x	7.5 x
P / E adj.		9.1 x	154.5 x	n.a.	n.a.	n.a.	12.5 x	7.5 x
FCF Potential Yield	l	n.a.	0.9 %	-1.8 %	-1.4 %	-10.3 %	10.3 %	18.5 %
Net Debt		-7.2	-1.7	1.2	-0.9	-7.6	-9.2	-16.2
ROCE (NOPAT)		29.8 %	11.2 %	n.a.	n.a.	n.a.	51.9 %	67.7 %
Guidance:	2020: -							



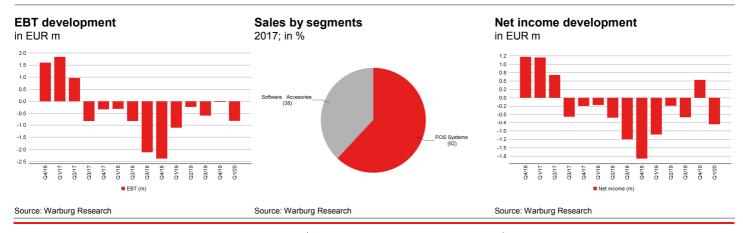


Company Background

- 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	st period				٦	ransition	al period					Term. Value
Figures in EUR m	2019	2020e	2021e	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	
Sales	25.2	22.0	59.3	69.6	59.9	69.5	75.7	81.0	86.7	91.0	95.6	100.3	105.4	
Sales change	1.4 %	-12.6 %	169.5 %	17.4 %	-14.0 %	16.0 %	9.0 %	7.0 %	7.0 %	5.0 %	5.0 %	5.0 %	5.0 %	1.8 %
EBIT	-1.8	-7.4	8.7	14.1	9.0	13.9	15.1	16.2	17.3	18.2	19.1	20.1	21.1	
EBIT-margin	-7.1 %	-33.6 %	14.6 %	20.2 %	15.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	
Tax rate (EBT)	28.7 %	7.9 %	31.0 %	31.0 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	
NOPAT	-1.3	-6.8	6.0	9.7	6.2	9.7	10.5	11.3	12.0	12.7	13.3	13.9	14.6	
Depreciation	0.4	0.6	0.6	0.6	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	
in % of Sales	1.5 %	2.8 %	1.0 %	0.9 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	
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	0.0	
Change in Liquidity from														
- Working Capital	1.3	-2.9	5.8	1.6	-2.3	1.1	1.1	1.0	1.0	8.0	8.0	0.9	0.9	
- Capex	0.2	0.6	0.6	0.6	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	
Capex in % of Sales	0.9 %	2.6 %	1.0 %	0.8 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	
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	0.0	
Free Cash Flow (WACC Model)	-2.4	-3.8	0.2	8.1	8.6	8.5	9.4	10.3	11.0	11.9	12.5	13.1	13.7	15
PV of FCF	0.0	-3.7	0.2	6.8	6.6	6.0	6.1	6.2	6.1	6.1	5.9	5.7	5.5	83
share of PVs		2.21 %						40.79	9 %					57.00 %

Model parameter				Valuation (m)			
Derivation of WACC:		Derivation of Beta:		Present values 2031e	63		
				Terminal Value	83		
Debt ratio	5.00 %	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	8.36 %	Beta	1.30	Equity Value	160	Value per share (EUR)	20.04

Sens	itivity Va	lue per Sh	are (EUR)													
		Terminal Growth Delta EBIT-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	9.4 %	16.45	16.67	16.92	17.17	17.45	17.74	18.06	1.49	9.4 %	15.82	16.27	16.72	17.17	17.63	18.08	18.53
1.40	8.9 %	17.63	17.90	18.19	18.50	18.84	19.20	19.58	1.40	8.9 %	17.04	17.53	18.02	18.50	18.99	19.48	19.96
1.35	8.6 %	18.28	18.58	18.90	19.24	19.61	20.01	20.44	1.35	8.6 %	17.72	18.23	18.74	19.24	19.75	20.26	20.76
1.30	8.4 %	18.98	19.31	19.66	20.04	20.45	20.90	21.38	1.30	8.4 %	18.46	18.99	19.51	20.04	20.57	21.09	21.62
1.25	8.1 %	19.73	20.09	20.48	20.90	21.36	21.86	22.40	1.25	8.1 %	19.26	19.80	20.35	20.90	21.45	22.00	22.55
1.20	7.9 %	20.53	20.93	21.37	21.84	22.35	22.90	23.51	1.20	7.9 %	20.12	20.69	21.26	21.84	22.41	22.98	23.56
1.11	7.4 %	22.34	22.84	23.38	23.96	24.61	25.31	26.09	1.11	7.4 %	22.08	22.71	23.34	23.96	24.59	25.22	25.85

- 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	-7.0	5.9	9.6
+ 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	-6.5	6.4	10.1
FCF Potential Yield (on market EV)	n/a	0.9 %	-1.8 %	-1.4 %	-10.3 %	10.3 %	18.5 %
WACC	8.36 %	8.36 %	8.36 %	8.36 %	8.36 %	8.36 %	8.36 %
= Enterprise Value (EV)	n.a.	161.4	128.5	79.9	63.1	61.6	54.6
= Fair Enterprise Value	n.a.	16.4	n.a.	n.a.	n.a.	76.2	120.7
- Net Debt (Cash)	n.a.	-7.6	-7.6	-7.6	-7.6	-9.2	-16.2
- 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
 Market value of minorities 	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.	24.1	n.a.	n.a.	n.a.	85.4	136.9
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.	3.65	n.a.	n.a.	n.a.	10.78	17.27
premium (-) / discount (+) in %						21.6 %	94.9 %
Sensitivity Fair value per Share (EL	JR)						
11	.36 % n.a.	2.47	n.a.	n.a.	n.a.	8.18	13.14
10	.36 % n.a.	2.62	n.a.	n.a.	n.a.	8.85	14.22
	.36 % n.a.	2.79	n.a.	n.a.	n.a.	9.68	15.52
	.36 % n.a.	3.01	n.a.	n.a.	n.a.	10.70	17.13
	.36 % n.a.	3.29	n.a.	n.a.	n.a.	11.99	19.19
	.36 % n.a.	3.66	n.a.	n.a.	n.a.	13.70	21.89
5	.36 % n.a.	4.17	n.a.	n.a.	n.a.	16.04	25.59

[•] Rising value indication with higher business volume...

^{...}this is due to a high operating leverage given gross margins of >50%



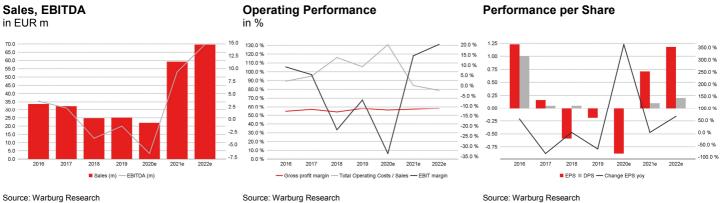
Valuation							
	2016	2017	2018	2019	2020e	2021e	2022e
Price / Book	1.2 x	11.4 x	12.6 x	5.8 x	4.1 x	3.1 x	2.3 x
Book value per share ex intangibles	8.75	1.94	1.51	1.88	2.12	2.84	3.90
EV / Sales	n.a.	5.0 x	5.2 x	3.2 x	2.9 x	1.0 x	0.8 x
EV / EBITDA	n.a.	71.4 x	n.a.	n.a.	n.a.	6.6 x	3.7 x
EV / EBIT	n.a.	92.2 x	n.a.	n.a.	n.a.	7.1 x	3.9 x
EV / EBIT adj.*	n.a.	92.2 x	n.a.	n.a.	n.a.	7.1 x	3.9 x
P / FCF	48.7 x	n.a.	n.a.	n.a.	n.a.	45.2 x	9.1 x
P/E	9.1 x	154.5 x	n.a.	n.a.	n.a.	12.5 x	7.5 x
P / E adj.*	9.1 x	154.5 x	n.a.	n.a.	n.a.	12.5 x	7.5 x
Dividend Yield	9.0 %	0.2 %	0.3 %	n.a.	n.a.	1.1 %	2.3 %
FCF Potential Yield (on market EV)	n.a.	0.9 %	-1.8 %	-1.4 %	-10.3 %	10.3 %	18.5 %
*Adjustments made for: -							



Consolidated profit & loss							
In EUR m	2016	2017	2018	2019	2020e	2021e	2022
Sales	33.7	32.4	24.8	25.2	22.0	59.3	69.6
Change Sales yoy	33.7 %	-4.0 %	-23.3 %	1.4 %	-12.6 %	169.5 %	17.4 %
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	22.0	59.3	69.6
Material expenses	15.4	14.6	11.7	10.7	9.7	25.5	29.2
Gross profit	18.4	18.4	13.3	14.5	12.3	33.8	40.4
Gross profit margin	54.4 %	56.7 %	53.7 %	57.8 %	56.0 %	57.0 %	58.0 %
Personnel expenses	8.6	9.7	10.2	9.3	10.9	11.6	12.5
Other operating income	0.4	0.6	0.5	0.3	0.6	0.6	0.8
Other operating expenses	6.6	7.0	7.4	7.0	8.8	13.5	14.0
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	-6.8	9.3	14.7
Margin	10.7 %	7.0 %	-15.2 %	-5.5 %	-30.8 %	15.7 %	21.1 %
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	-7.2	8.9	14.3
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	-7.4	8.7	14.1
Margin	9.1 %	5.4 %	-22.0 %	-7.1 %	-33.6 %	14.6 %	20.2 %
EBIT adj.	3.1	1.8	-5.4	-1.8	-7.4	8.7	14.1
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	-7.6	8.5	13.9
Margin	8.8 %	5.1 %	-22.6 %	-7.8 %	-34.5 %	14.3 %	19.9 %
Total taxes	1.0	0.6	-1.7	-0.6	-0.6	2.6	4.3
Net income from continuing operations	2.0	1.1	-3.9	-1.4	-7.0	5.9	9.6
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	-7.0	5.9	9.6
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	-7.0	5.6	9.3
Margin	5.8 %	3.3 %	-15.6 %	-5.5 %	-31.8 %	9.5 %	13.4 %
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	-0.88	0.71	1.18
EPS adj.	1.23	0.16	-0.59	-0.19	-0.88	0.71	1.18
*Adjustments made for:							

Guidance: 2020: -

Financial Ratios							
	2016	2017	2018	2019	2020e	2021e	2022e
Total Operating Costs / Sales	89.4 %	95.0 %	116.1 %	105.6 %	130.8 %	84.3 %	78.9 %
Operating Leverage	1.5 x	10.9 x	n.a.	-48.6 x	-25.1 x	n.a.	3.6 x
EBITDA / Interest expenses	37.2 x	14.9 x	n.m.	n.m.	n.m.	46.5 x	73.4 x
Tax rate (EBT)	33.8 %	35.3 %	31.0 %	28.7 %	7.9 %	31.0 %	31.0 %
Dividend Payout Ratio	81.5 %	30.7 %	n.m.	0.0 %	0.0 %	13.5 %	16.6 %
Sales per Employee	235,783	203,667	190,962	193,610	169,231	456,154	535,611

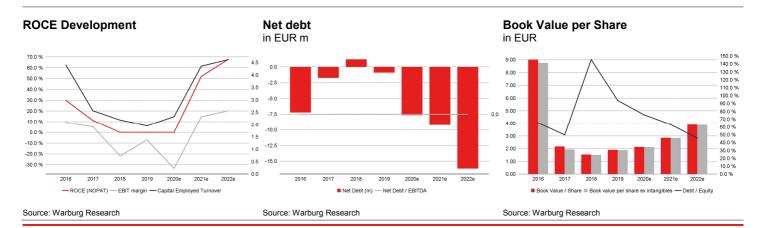


Source: Warburg Nesearch Source: Warburg Nesearch



Consolidated balance sheet							
In EUR m	2016	2017	2018	2019	2020e	2021e	2022
Assets							
Goodwill and other intangible assets	0.4	1.5	0.2	0.1	0.1	0.1	0.
thereof other intangible assets	0.4	1.5	0.2	0.1	0.1	0.1	0.
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.
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.
Inventories	4.8	7.6	5.8	5.0	4.0	6.2	6.3
Accounts receivable	4.9	3.3	2.3	5.0	3.0	8.1	9.5
Liquid assets	11.7	5.5	11.6	11.3	18.1	19.6	26.6
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	27.4	34.6	43.
Total Assets	24.6	21.5	24.9	26.7	30.0	37.2	45.0
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	-7.0	-1.3	7.2
Other equity components	2.9	2.3	-1.9	-3.3	-3.8	-3.7	-3.8
Shareholders' equity	14.9	14.3	10.1	13.8	17.1	22.8	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	17.1	22.8	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	0.8	1.1	0.8	10.4	10.4	10.4	10.4
Accounts payable	1.5	1.4	0.6	0.9	0.9	2.4	2.3
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	12.9	14.4	14.3
Total liabilities and shareholders' equity	24.6	21.5	24.9	26.7	30.0	37.2	45.0

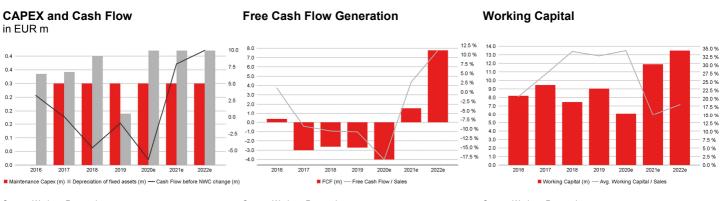
Financial Ratios							
	2016	2017	2018	2019	2020e	2021e	2022e
Efficiency of Capital Employment							
Operating Assets Turnover	3.8 x	3.2 x	3.1 x	2.6 x	3.4 x	4.8 x	5.0 x
Capital Employed Turnover	4.4 x	2.6 x	2.2 x	1.9 x	2.3 x	4.4 x	4.6 x
ROA	95.4 %	27.2 %	-151.1 %	-52.7 %	-269.3 %	219.7 %	370.7 %
Return on Capital							
ROCE (NOPAT)	29.8 %	11.2 %	n.a.	n.a.	n.a.	51.9 %	67.7 %
ROE	17.4 %	7.4 %	-31.7 %	-11.6 %	-45.3 %	28.2 %	34.5 %
Adj. ROE	17.4 %	7.4 %	-31.7 %	-11.6 %	-45.3 %	28.2 %	34.5 %
Balance sheet quality							
Net Debt	-7.2	-1.7	1.2	-0.9	-7.6	-9.2	-16.2
Net Financial Debt	-7.2	-1.7	1.2	-0.9	-7.6	-9.2	-16.2
Net Gearing	-48.5 %	-12.1 %	11.9 %	-6.5 %	-44.7 %	-40.3 %	-51.8 %
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	2.1	2.9	3.9
Book value per share ex intangibles	8.8	1.9	1.5	1.9	2.1	2.8	3.9





Consolidated cash flow statement							
In EUR m	2016	2017	2018	2019	2020e	2021e	20226
Net income	2.0	1.1	-3.9	-1.4	-7.0	5.6	9.3
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	1.7	0.0
Cash Flow before NWC change	3.3	0.0	-4.6	-0.9	-6.4	7.9	10.0
Increase / decrease in inventory	-1.0	-2.9	1.8	8.0	1.0	-2.2	-0.1
Increase / decrease in accounts receivable	-1.5	1.6	1.0	-2.7	2.0	-5.1	-1.4
Increase / decrease in accounts payable	0.0	0.0	-0.8	0.3	0.0	1.5	-0.1
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	2.9	-5.8	-1.6
Net cash provided by operating activities [1]	0.8	-1.5	-2.3	-2.5	-3.4	2.1	8.4
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	6.7	1.6	7.0
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	18.1	19.6	26.6

Financial Ratios							
	2016	2017	2018	2019	2020e	2021e	2022e
Cash Flow							
FCF	0.4	-3.0	-2.6	-2.7	-4.0	1.6	7.8
Free Cash Flow / Sales	1.1 %	-9.3 %	-10.6 %	-10.8 %	-18.3 %	2.6 %	11.2 %
Free Cash Flow Potential	n.a.	1.4	-2.3	-1.1	-6.5	6.4	10.1
Free Cash Flow / Net Profit	18.6 %	-279.6 %	67.8 %	196.0 %	57.4 %	27.8 %	83.3 %
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 %	2.6 %	1.0 %	0.8 %
Maint. Capex / Sales	n.a.	0.9 %	1.2 %	1.2 %	1.4 %	0.5 %	0.4 %
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 %	34.4 %	15.2 %	18.2 %
Trade Debtors / Trade Creditors	336.9 %	228.8 %	375.5 %	541.0 %	333.3 %	337.5 %	413.0 %
Inventory Turnover	3.2 x	1.9 x	2.0 x	2.1 x	2.4 x	4.1 x	4.6 x
Receivables collection period (days)	53	37	33	73	50	50	50
Payables payment period (days)	34	36	19	32	34	34	29
Cash conversion cycle (Days)	131	191	196	211	167	104	100



Source: Warburg Research Source: Warburg Research Source: Warburg Research



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Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)
Vectron Systems AG	3, 4, 5	http://www.mmwarburg.com/disclaimer/disclaimer_en/DE000A0KEXC7.htm



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Investment recommendation: expected direction of the share price development of the financial instrument up to the given <u>price target</u> in the opinion of the analyst who covers this financial instrument.

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

Rating	Number of stocks	% of Universe
Buy	129	64
Hold	58	29
Sell	9	4
Rating suspended	7	3
Total	203	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	33	80
Hold	5	12
Sell	0	0
Rating suspended	3	7
Total	41	100

PRICE AND RATING HISTORY VECTRON SYSTEMS AG AS OF 04.06.2020



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EQUITIES			
Matthias Rode	+49 40 3282-2678		
Head of Equities	mrode@mmwarburg.com		
RESEARCH			
Michael Heider	+49 40 309537-280	Eggert Kuls	+49 40 309537-256
Head of Research	mheider@warburg-research.com	Engineering	ekuls@warburg-research.com
Henner Rüschmeier Head of Research	+49 40 309537-270 hrueschmeier@warburg-research.com	Andreas Pläsier Banks, Financial Services	+49 40 309537-246 aplaesier@warburg-research.com
Jan Bauer	+49 40 309537-155	Malte Schaumann	+49 40 309537-170
Renewables	jbauer@warburg-research.com	Technology	mschaumann@warburg-research.com
Jonas Blum	+49 40 309537-240	Patrick Schmidt	+49 40 309537-125
Telco, Construction	jblum@warburg-research.com	Leisure, Internet	pschmidt@warburg-research.com
Christian Cohrs	+49 40 309537-175	Oliver Schwarz	+49 40 309537-250
Industrials & Transportation	ccohrs@warburg-research.com	Chemicals, Agriculture	oschwarz@warburg-research.com
Felix Ellmann Software, IT	+49 40 309537-120 fellmann@warburg-research.com	Simon Stippig Real Estate	+49 40 309537-265 sstippig@warburg-research.com
Jörg Philipp Frey	+49 40 309537-258	Cansu Tatar	+49 40 309537-248
Retail, Consumer Goods	jfrey@warburg-research.com	Cap. Goods, Engineering	ctatar@warburg-research.com
Marius Fuhrberg	+49 40 309537-185	Marc-René Tonn	+49 40 309537-259
Financial Services	mfuhrberg@warburg-research.com	Automobiles, Car Suppliers	mtonn@warburg-research.com
Mustafa Hidir	+49 40 309537-230	Robert-Jan van der Horst	+49 40 309537-290
Automobiles, Car Suppliers	mhidir@warburg-research.com	Technology	rvanderhorst@warburg-research.com
Ulrich Huwald	+49 40 309537-255	Andreas Wolf	+49 40 309537-140
Health Care, Pharma Philipp Kaiser	uhuwald@warburg-research.com +49 40 309537-260	Software, IT	awolf@warburg-research.com
Real Estate	pkaiser@warburg-research.com		
Thilo Kleibauer	+49 40 309537-257		
Retail, Consumer Goods	tkleibauer@warburg-research.com		
INSTITUTIONAL EQU	JITY SALES		
Marc Niemann	+49 40 3282-2660	Tobias Hald	+49 40 3282-2695
Head of Equity Sales, Germany	mniemann@mmwarburg.com	United Kingdom	thald@mmwarburg.com
Klaus Schilling	+49 40 3282-2664	Maximilian Martin	+49 69 5050-7413
Head of Equity Sales, Germany	kschilling@mmwarburg.com	Austria, Poland	mmartin@mmwarburg.com
Tim Beckmann	+49 40 3282-2665	Christopher Seedorf	+49 69 5050-7414
United Kingdom	tbeckmann@mmwarburg.com	Switzerland	cseedorf@mmwarburg.com
Lyubka Bogdanova Ireland, Poland, Australia	+49 69 5050-7411 Ibogdanova@mmwarburg.com		
Jens Buchmüller	+49 69 5050-7415		
Scandinavia, Austria	jbuchmueller@mmwarburg.com		
Alexander Eschweiler	+49 40 3282-2669	Sophie Hauer	+49 69 5050-7417
Germany, Luxembourg	aeschweiler@mmwarburg.com	Roadshow/Marketing	shauer@mmwarburg.com
Matthias Fritsch	+49 40 3282-2696	Juliane Niemann	+49 40 3282-2694
United Kingdom	mfritsch@mmwarburg.com	Roadshow/Marketing	jniemann@mmwarburg.com
SALES TRADING			
Oliver Merckel	+49 40 3282-2634	Marcel Magiera	+49 40 3282-2662
Head of Sales Trading	omerckel@mmwarburg.com	Sales Trading	mmagiera@mmwarburg.com
Elyaz Dust	+49 40 3282-2702	Bastian Quast	+49 40 3282-2701
Sales Trading	edust@mmwarburg.com	Sales Trading	bquast@mmwarburg.com
Michael Ilgenstein Sales Trading	+49 40 3282-2700 milgenstein@mmwarburg.com	Jörg Treptow Sales Trading	+49 40 3282-2658 jtreptow@mmwarburg.com
MACRO RESEARCH			
Carsten Klude	+49 40 3282-2572	Dr. Christian Jasperneite	+49 40 3282-2439
Macro Research	cklude@mmwarburg.com	Investment Strategy	cjasperneite@mmwarburg.com
Our research can be			
Warburg Research	research.mmwarburg.com/en/index.html	Thomson Reuters	www.thomsonreuters.com
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For access please conf	tact:		
Andrea Schaper	+49 40 3282-2632	Kerstin Muthig	+49 40 3282-2703
Sales Assistance	aschaper@mmwarburg.com	Sales Assistance	kmuthig@mmwarburg.com