(CDAX, Software/IT, AOF GR)



Buy EUR 219.00	(EUR 215.00)	Value Indicators: DCF:		Warburg ESG Risk Score: ESG Score (MSCI based): Balance Sheet Score: Market Liquidity Score:	3.0 3.0 5.0 1.0	Description:  ATOSS supplies software an services for the optimisation workforce management.	
Price Upside	EUR 184.20 18.9 %	Market Snapshot: Market cap: No. of shares (m): EV: Freefloat MC: Ø Trad. Vol. (30d):	1,464.9 8.0	Shareholders: Freefloat Andreas Obereder Mainfirst		Key Figures (WRe): Beta: Price / Book: Equity Ratio:	2021e 1.0 41.2 x 50 %

### Cloud makes up more than 70% of new business

Stated Figures	Q3/2021:						
Figures in EUR m	Q3/21	Q3/21e	Q3/20	yoy	9M/21	9M/20	yoy
Sales	23.8	23.4	20.5	16.2%	69.5	61.1	13.8%
EBIT margin	6.6 27.7%	6.4 27.4%	5.8 28.4%	13.2%	18.6 26.7%	17.4 28.4%	7.0%
Net income margin	4.4 18.6%	4.3 18.4%	3.7 17.8%	20.9%	12.7 18.2%	11.9 19.5%	6.4%

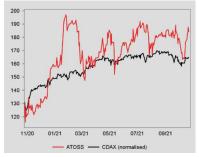
### Comment on Figures:

- The figures for the third quarter and the first nine months of 2021 were presented by ATOSS Software AG on October 25, 2021
- These slightly exceeded expectations and were particularly convincing in the Cloud segment, which is crucial for the long-term margin forecast (WRe).

Against the background of the existing deficits in the digitization of companies, the demand for solutions for employee management continues unabated. ATOSS again achieved significant growth, especially in the important Cloud business. Revenues from Cloud and subscriptions increased by 50% to EUR 13.8m (9.2). Overall, recurring revenues as a proportion of total revenues increased significantly to 51% (previous year 46%). This provides the basis for strong results. The EBIT margin for the first three quarters was 27% (28%) regardless of the significant increase in expenses compared to the previous year, especially for R&D as part of the further development of software solutions as well as higher personnel costs from the international expansion of capacities in sales.

The order situation is also strong. The dynamic double-digit increase of 78% in the Cloud Annual Recurring Revenue (ARR) to EUR 20.5m (11.5) should be emphasized here. The share of incoming orders for Cloud and subscriptions in relation to total incoming orders for software increased very significantly to more than 70% (2020: 42%). Particularly impressive is the increase in the overall proportion of software sales from 64% to 68% of sales in the reporting period, because there is a longer realization period for Cloud sales.

In light of the figures presented, it appears realistic that the company will be able to pursue the expected path (WRe) of sales and earnings growth, flanked by the Cloud business. Since the fourth quarter of the previous year was extremely strong due to high revenues from licenses, only a moderate increase in sales is expected in Q4/21. Against the background of unchanged forecasts (2021 and onwards, WRe), the share continues to be rated Buy with a price target of EUR 219 (215, roll-over).

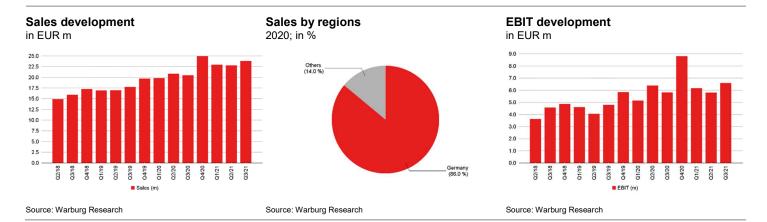


Rel. Performance vs CDAX:	
1 month:	-0.3 %
6 months:	5.3 %
Year to date:	5.9 %
Trailing 12 months:	20.7 %

Company events:
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FY End: 31.12. in EUR m	CAGR (20-23e)	2017	2018	2019	2020	2021e	2022e	2023e
Sales	14.0 %	54.6	62.6	71.4	86.1	95.5	108.9	127.4
Change Sales yoy		10.2 %	14.7 %	14.0 %	20.5 %	11.0 %	14.0 %	17.0 %
Gross profit margin		70.3 %	70.5 %	70.3 %	72.4 %	70.0 %	69.3 %	71.0 %
EBITDA	12.0 %	14.9	18.0	22.5	29.8	30.1	33.6	41.8
Margin		27.2 %	28.7 %	31.5 %	34.6 %	31.5 %	30.9 %	32.8 %
EBIT	11.4 %	14.1	16.9	19.3	26.2	25.9	28.9	36.2
Margin		25.9 %	27.0 %	27.0 %	30.4 %	27.1 %	26.5 %	28.4 %
Net income	11.0 %	9.3	11.2	13.5	17.7	17.3	19.3	24.2
EPS	11.0 %	2.34	2.81	3.40	2.23	2.18	2.43	3.05
EPS adj.	11.0 %	2.34	2.81	3.40	2.23	2.18	2.43	3.05
DPS	11.1 %	1.16	4.00	2.55	1.67	1.64	1.82	2.29
Dividend Yield		3.3 %	9.5 %	4.3 %	1.6 %	0.9 %	1.0 %	1.2 %
FCFPS		1.95	2.74	3.63	2.82	2.13	2.29	2.91
FCF / Market cap		5.5 %	6.5 %	6.1 %	2.7 %	1.2 %	1.2 %	1.6 %
EV / Sales		2.2 x	2.2 x	3.0 x	9.2 x	14.9 x	13.1 x	11.1 x
EV / EBITDA		8.0 x	7.7 x	9.4 x	26.6 x	47.4 x	42.3 x	33.8 x
EV / EBIT		8.4 x	8.2 x	11.0 x	30.2 x	55.1 x	49.3 x	39.1 x
P/E		15.1 x	15.0 x	17.4 x	46.6 x	84.5 x	75.8 x	60.4 x
P / E adj.		15.1 x	15.0 x	17.4 x	46.6 x	84.5 x	75.8 x	60.4 x
FCF Potential Yield		8.2 %	8.6 %	7.4 %	2.6 %	1.5 %	1.7 %	2.1 %
Net Debt		-22.3	-28.5	-23.1	-34.3	-38.0	-43.2	-51.8
ROCE (NOPAT)		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guidance: S	Sales 2021 EU	IR at least 95	5m EBIT at le	east 27%				



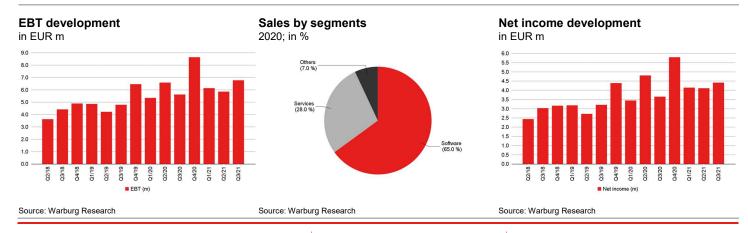


# **Company Background**

- ATOSS Software AG is a supplier of software and services for the optimisation of workforce management.
- ATOSS solutions optimises companies' personnel procedures, improving the level of service and efficiency of the employees and improving customer satisfaction
- The company has achieved a leading market position, particularly in the German speaking countries.
- From medium-sized companies (Mittelstand) to blue-chip firms, several million employees use ATOSS solutions.

# **Competitive Quality**

- ATOSS has a leading software product (the most modern Java technology)
- ATOSS specialises in regions and industry sectors (country-specific work conditions in the Germany, Austria, Swiss region and mapping out work processes in core industries)
- ATOSS works independently of producers (no ties to hardware or large software producers) and the ATOSS solutions have a high level of compatibility (e.g. seamless integration in the ERP systems possible)
- Financial stability and balance sheet quality is excellent, which can be regarded as a competitive advantage in the software industry.
- ATOSS is a relatively large supplier (in comparison to the competition) among many much smaller suppliers, which still pose stiff competition for ATOSS.





DCF model														
	Detaile	d forecas	t period				٦	Γransition	al period					Term. Value
Figures in EUR m	2021e	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	
Sales	95.5	108.9	127.4	149.0	172.9	198.8	226.6	256.1	286.8	318.4	343.9	361.1	371.9	
Sales change	11.0 %	14.0 %	17.0 %	17.0 %	16.0 %	15.0 %	14.0 %	13.0 %	12.0 %	11.0 %	8.0 %	5.0 %	3.0 %	2.5 %
EBIT	25.9	28.9	36.2	44.7	57.0	71.6	88.4	107.6	129.1	152.8	171.9	180.5	185.9	
EBIT-margin	27.1 %	26.5 %	28.4 %	30.0 %	33.0 %	36.0 %	39.0 %	42.0 %	45.0 %	48.0 %	50.0 %	50.0 %	50.0 %	
Tax rate (EBT)	33.0 %	33.0 %	33.0 %	34.0 %	34.0 %	34.0 %	34.0 %	34.0 %	34.0 %	34.0 %	34.0 %	34.0 %	34.0 %	
NOPAT	17.3	19.3	24.2	29.5	37.7	47.2	58.3	71.0	85.2	100.9	113.5	119.1	122.7	
Depreciation	4.2	4.8	5.6	6.7	7.8	8.9	10.2	11.5	12.9	14.3	15.5	16.2	16.7	
in % of Sales	4.4 %	4.4 %	4.4 %	4.5 %	4.5 %	4.5 %	4.5 %	4.5 %	4.5 %	4.5 %	4.5 %	4.5 %	4.5 %	
Changes in provisions	0.0	0.0	0.0	0.7	0.7	8.0	8.0	8.0	0.7	0.6	0.6	0.3	0.0	
Change in Liquidity from														
- Working Capital	0.6	0.9	1.7	1.5	1.6	1.6	1.6	1.5	1.5	1.3	0.7	0.1	-4.3	
- Capex	4.0	5.0	5.0	6.7	7.8	8.9	10.2	11.5	12.9	14.3	15.5	16.2	16.7	
Capex in % of Sales	4.2 %	4.6 %	3.9 %	4.5 %	4.5 %	4.5 %	4.5 %	4.5 %	4.5 %	4.5 %	4.5 %	4.5 %	4.5 %	
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)	17.0	18.2	23.1	28.7	36.8	46.5	57.6	70.2	84.4	100.2	113.4	119.4	127.0	124
PV of FCF	16.9	16.9	20.1	23.3	27.9	33.0	38.1	43.5	48.9	54.2	57.3	56.4	56.1	1,215
share of PVs		3.16 %						25.68	3 %					71.16 %

Model parameter				Valuation (m)			
Derivation of WACC:		Derivation of Beta:		Present values 2033e	493		
				Terminal Value	1,215		
Debt ratio	0.00 %	Financial Strength	1.00	Financial liabilities	0		
Cost of debt (after tax)	3.9 %	Liquidity (share)	1.00	Pension liabilities	7		
Market return	7.00 %	Cyclicality	1.00	Hybrid capital	0		
Risk free rate	1.50 %	Transparency	1.00	Minority interest	0		
		Others	1.00	Market val. of investments	0		
				Liquidity	41	No. of shares (m)	8.0
WACC	7.00 %	Beta	1.00	Equity Value	1,742	Value per share (EUR)	219.06

Sens	itivity Va	lue per Sh	are (EUR	)													
		Terminal (	Growth								Delta EBIT	Γ-margin					
Beta	WACC	1.75 %	2.00 %	2.25 %	2.50 %	2.75 %	3.00 %	3.25 %	Beta	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.18	8.0 %	160.40	164.49	168.95	173.81	179.13	184.98	191.45	1.18	8.0 %	168.23	170.09	171.95	173.81	175.67	177.52	179.38
1.09	7.5 %	177.15	182.29	187.92	194.11	200.95	208.55	217.05	1.09	7.5 %	187.90	189.97	192.04	194.11	196.17	198.24	200.31
1.05	7.3 %	186.72	192.50	198.87	205.91	213.73	222.46	232.30	1.05	7.3 %	199.34	201.53	203.72	205.91	208.10	210.29	212.47
1.00	7.0 %	197.23	203.78	211.01	219.06	228.04	238.16	249.62	1.00	7.0 %	212.08	214.41	216.73	219.06	221.38	223.70	226.03
0.95	6.8 %	208.82	216.27	224.54	233.79	244.19	255.98	269.45	0.95	6.8 %	226.37	228.84	231.32	233.79	236.26	238.74	241.21
0.91	6.5 %	221.68	230.19	239.71	250.41	262.53	276.39	292.39	0.91	6.5 %	242.47	245.12	247.76	250.41	253.05	255.69	258.34
0.82	6.0 %	252.07	263.40	276.24	290.91	307.84	327.59	350.93	0.82	6.0 %	281.74	284.79	287.85	290.91	293.97	297.02	300.08

- In the DCF model, a moderate continuation of the constant growth of the past years is anticipated.
- In the long term, a margin improvement due to the cloud transformation is assumed.
- The long-term margin remains at a high level

# **ATOSS**



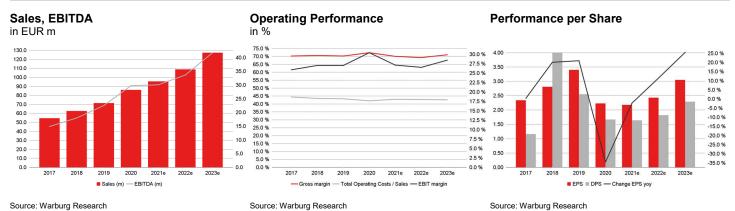
Valuation							
	2017	2018	2019	2020	2021e	2022e	2023e
Price / Book	6.4 x	5.9 x	9.5 x	25.5 x	41.2 x	34.8 x	28.2 x
Book value per share ex intangibles	5.40	7.07	3.42	2.82	3.24	4.08	5.35
EV / Sales	2.2 x	2.2 x	3.0 x	9.2 x	14.9 x	13.1 x	11.1 x
EV / EBITDA	8.0 x	7.7 x	9.4 x	26.6 x	47.4 x	42.3 x	33.8 x
EV / EBIT	8.4 x	8.2 x	11.0 x	30.2 x	55.1 x	49.3 x	39.1 x
EV / EBIT adj.*	8.4 x	8.2 x	11.0 x	30.2 x	55.1 x	49.3 x	39.1 x
P / FCF	18.2 x	15.3 x	16.3 x	36.8 x	86.3 x	80.4 x	63.3 x
P/E	15.1 x	15.0 x	17.4 x	46.6 x	84.5 x	75.8 x	60.4 x
P / E adj.*	15.1 x	15.0 x	17.4 x	46.6 x	84.5 x	75.8 x	60.4 x
Dividend Yield	3.3 %	9.5 %	4.3 %	1.6 %	0.9 %	1.0 %	1.2 %
FCF Potential Yield (on market EV)	8.2 %	8.6 %	7.4 %	2.6 %	1.5 %	1.7 %	2.1 %
*Adjustments made for: -							



Consolidated profit and loss							
In EUR m	2017	2018	2019	2020	2021e	2022e	2023e
Sales	54.6	62.6	71.4	86.1	95.5	108.9	127.4
Change Sales yoy	10.2 %	14.7 %	14.0 %	20.5 %	11.0 %	14.0 %	17.0 %
COGS	16.2	18.4	21.2	23.8	28.7	33.4	36.9
Gross profit	38.4	44.2	50.2	62.3	66.9	75.4	90.4
Gross margin	70.3 %	70.5 %	70.3 %	72.4 %	70.0 %	69.3 %	71.0 %
Research and development	10.3	11.2	11.9	14.4	16.5	18.7	21.7
Sales and marketing	9.7	10.9	12.9	13.9	16.2	18.5	21.7
Administration expenses	4.3	5.2	5.8	7.6	8.6	9.8	11.5
Other operating expenses	0.2	0.2	0.5	0.4	0.0	0.0	0.0
Other operating income	0.2	0.3	0.3	0.2	0.4	0.4	0.5
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	14.9	18.0	22.5	29.8	30.1	33.6	41.8
Margin	27.2 %	28.7 %	31.5 %	34.6 %	31.5 %	30.9 %	32.8 %
Depreciation of fixed assets	0.6	0.9	3.0	3.2	4.0	4.6	5.3
EBITA	14.2	17.1	19.5	26.5	26.1	29.1	36.4
Amortisation of intangible assets	0.1	0.2	0.2	0.3	0.2	0.2	0.3
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	14.1	16.9	19.3	26.2	25.9	28.9	36.2
Margin	25.9 %	27.0 %	27.0 %	30.4 %	27.1 %	26.5 %	28.4 %
EBIT adj.	14.1	16.9	19.3	26.2	25.9	28.9	36.2
Interest income	0.1	0.1	8.0	0.4	0.1	0.1	0.1
Interest expenses	0.1	0.2	0.2	0.4	0.1	0.1	0.1
Other financial income (loss)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	14.1	16.8	19.9	26.2	25.9	28.9	36.2
Margin	25.7 %	26.8 %	27.9 %	30.4 %	27.1 %	26.5 %	28.4 %
Total taxes	4.7	5.6	6.4	8.5	8.5	9.5	11.9
Net income from continuing operations	9.3	11.2	13.5	17.7	17.3	19.3	24.2
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	9.3	11.2	13.5	17.7	17.3	19.3	24.2
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income	9.3	11.2	13.5	17.7	17.3	19.3	24.2
Margin	17.1 %	17.9 %	18.9 %	20.6 %	18.2 %	17.8 %	19.0 %
Number of shares, average	4.0	4.0	4.0	8.0	8.0	8.0	8.0
EPS	2.34	2.81	3.40	2.23	2.18	2.43	3.05
EPS adj.	2.34	2.81	3.40	2.23	2.18	2.43	3.05
*Adjustments made for:							

Guidance: Sales 2021 EUR at least 95m EBIT at least 27%

Financial Ratios							
	2017	2018	2019	2020	2021e	2022e	2023e
Total Operating Costs / Sales	44.4 %	43.5 %	43.2 %	42.0 %	42.9 %	42.8 %	42.6 %
Operating Leverage	0.4 x	1.3 x	1.0 x	1.7 x	-0.1 x	0.8 x	1.5 x
EBITDA / Interest expenses	122.0 x	72.1 x	100.5 x	75.9 x	300.8 x	336.4 x	417.8 x
Tax rate (EBT)	33.6 %	33.3 %	32.1 %	32.4 %	33.0 %	33.0 %	33.0 %
Dividend Payout Ratio	49.4 %	142.1 %	75.0 %	75.0 %	75.2 %	74.9 %	75.1 %
Sales per Employee	161,023	175,832	190,943	219,198	231,678	251,536	280,283

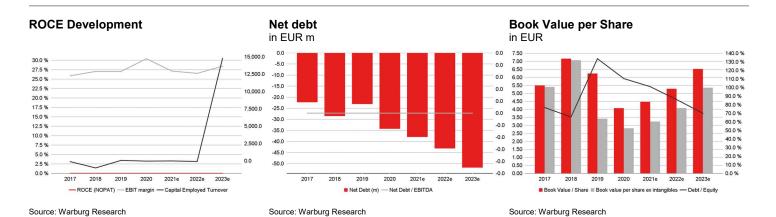


Source: Warburg Research Source: Warburg Research



Consolidated balance sheet							
In EUR m	2017	2018	2019	2020	2021e	2022e	2023e
Assets							
Goodwill and other intangible assets	0.4	0.4	11.2	10.0	9.8	9.6	9.3
thereof other intangible assets	0.4	0.4	11.2	10.0	9.8	9.6	9.3
thereof Goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Property, plant and equipment	3.7	4.3	4.1	3.8	3.8	4.2	3.8
Financial assets	0.5	0.5	1.3	1.3	1.3	1.3	1.3
Other long-term assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fixed assets	4.6	5.2	16.6	15.0	14.8	15.0	14.4
Inventories	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Accounts receivable	5.1	6.3	7.7	8.9	9.4	10.4	12.2
Liquid assets	27.1	33.3	29.7	41.1	44.8	50.0	58.7
Other short-term assets	1.8	2.4	4.1	3.0	2.3	2.5	2.7
Current assets	34.0	42.0	41.6	53.0	56.6	63.0	73.7
Total Assets	38.5	47.2	58.1	68.0	71.4	78.0	88.1
Liabilities and shareholders' equity							
Subscribed capital	4.0	4.0	4.0	8.0	8.0	8.0	8.0
Capital reserve	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
Retained earnings	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other equity components	18.5	25.2	21.5	25.1	28.3	34.7	44.6
Shareholders' equity	21.8	28.5	24.8	32.4	35.6	42.0	51.9
Minority interest	0.0	0.0	0.1	-0.1	-0.1	-0.1	-0.1
Total equity	21.8	28.5	24.9	32.3	35.5	42.0	51.8
Provisions	5.0	4.9	7.3	8.6	8.7	8.8	8.9
thereof provisions for pensions and similar obligations	4.8	4.8	6.6	6.8	6.8	6.8	6.8
Financial liabilities (total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Short-term financial liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Accounts payable	0.4	0.5	0.9	0.5	0.6	0.7	0.8
Other liabilities	11.3	13.3	25.1	26.6	26.6	26.6	26.6
Liabilities	16.7	18.7	33.3	35.7	35.9	36.1	36.3
Total liabilities and shareholders' equity	38.5	47.2	58.1	68.0	71.4	78.0	88.1

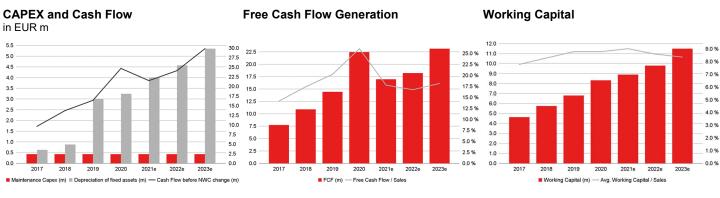
<b>2017</b> 6.6 x	2018	2019	2020	2021e	2022e	2023e
6.6 x						
6.6 x						
	6.2 x	6.6 x	7.1 x	7.5 x	7.8 x	8.3 x
-115.7 x	-1024.3 x	39.7 x	-43.7 x	-38.3 x	-91.7 x	14762.6 x
204.6 %	216.2 %	81.5 %	117.8 %	117.0 %	128.6 %	168.0 %
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
48.1 %	44.4 %	50.7 %	61.9 %	51.0 %	49.8 %	51.6 %
48.1 %	44.4 %	50.7 %	61.9 %	51.0 %	49.8 %	51.6 %
-22.3	-28.5	-23.1	-34.3	-38.0	-43.2	-51.8
-27.1	-33.3	-29.7	-41.1	-44.8	-50.0	-58.7
-102.2 %	-100.2 %	-92.8 %	-106.1 %	-107.0 %	-102.8 %	-100.0 %
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5.5	7.2	6.2	4.1	4.5	5.3	6.5
5.4	7.1	3.4	2.8	3.2	4.1	5.4
	-115.7 x 204.6 % n.a. 48.1 % 48.1 % -22.3 -27.1 -102.2 % n.a. 5.5	-115.7 x -1024.3 x 204.6 % 216.2 %  n.a. n.a. 48.1 % 44.4 % 44.4 %  -22.3 -28.5 -27.1 -33.3 -102.2 % -100.2 % n.a. n.a. 5.5 7.2	-115.7 x -1024.3 x 39.7 x 204.6 % 216.2 % 81.5 %  n.a. n.a. n.a. n.a. 48.1 % 44.4 % 50.7 % 48.1 % 44.4 % 50.7 %  -22.3 -28.5 -23.1 -27.1 -33.3 -29.7 -102.2 % -100.2 % -92.8 % n.a. n.a. 5.5 7.2 6.2	-115.7 x -1024.3 x 39.7 x -43.7 x 204.6 % 216.2 % 81.5 % 117.8 %  n.a. n.a. n.a. n.a. n.a. 48.1 % 44.4 % 50.7 % 61.9 % 48.1 % 44.4 % 50.7 % 61.9 %  -22.3 -28.5 -23.1 -34.3 -27.1 -33.3 -29.7 -41.1 -102.2 % -100.2 % -92.8 % -106.1 % n.a. n.a. n.a. 5.5 7.2 6.2 4.1	-115.7 x -1024.3 x 39.7 x -43.7 x -38.3 x 204.6 % 216.2 % 81.5 % 117.8 % 117.0 %  n.a. n.a. n.a. n.a. n.a. n.a. n.a. 48.1 % 44.4 % 50.7 % 61.9 % 51.0 % 48.1 % 44.4 % 50.7 % 61.9 % 51.0 %  -22.3 -28.5 -23.1 -34.3 -38.0 -27.1 -33.3 -29.7 -41.1 -44.8 -102.2 % -100.2 % -92.8 % -106.1 % -107.0 % n.a. n.a. n.a. n.a. n.a. n.a. 5.5 7.2 6.2 4.1 4.5	-115.7 x -1024.3 x 39.7 x -43.7 x -38.3 x -91.7 x 204.6 % 216.2 % 81.5 % 117.8 % 117.0 % 128.6 %   n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.





Consolidated cash flow statement							
In EUR m	2017	2018	2019	2020	2021e	2022e	2023e
Net income	9.3	11.2	13.5	17.7	17.3	19.3	24.2
Depreciation of fixed assets	0.6	0.9	3.0	3.2	4.0	4.6	5.3
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	0.1	0.2	0.2	0.3	0.2	0.2	0.3
Increase/decrease in long-term provisions	-0.1	0.0	1.9	0.2	0.0	0.0	0.0
Other non-cash income and expenses	-0.4	1.5	-2.2	3.2	0.0	0.0	0.0
Cash Flow before NWC change	9.6	13.7	16.4	24.7	21.5	24.1	29.8
Increase / decrease in inventory	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
Increase / decrease in accounts receivable	-0.6	-1.2	-1.5	-1.1	-0.5	-1.0	-1.8
Increase / decrease in accounts payable	-0.2	0.1	0.4	-0.4	0.1	0.1	0.1
Increase / decrease in other working capital positions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase / decrease in working capital (total)	-0.8	-1.1	-1.1	-1.5	-0.6	-0.9	-1.7
Net cash provided by operating activities [1]	8.9	12.6	15.3	23.2	21.0	23.2	28.1
Investments in intangible assets	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0
Investments in property, plant and equipment	-1.0	-1.5	-0.9	-0.7	-4.0	-5.0	<b>-</b> 5.0
Payments for acquisitions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial investments	0.0	0.0	0.0	-3.9	0.0	0.0	0.0
Income from asset disposals	<b>-</b> 2.5	0.0	0.0	0.0	0.0	0.0	0.0
Net cash provided by investing activities [2]	-3.6	-1.7	-0.9	-4.6	-4.0	-5.0	-5.0
Change in financial liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dividends paid	-4.6	-4.7	-15.9	-10.1	-13.3	-13.0	-14.5
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	-2.2	-2.6	0.0	0.0	0.0
Net cash provided by financing activities [3]	-4.6	-4.7	-18.1	-12.7	-13.3	-13.0	-14.5
Change in liquid funds [1]+[2]+[3]	0.7	6.2	-3.7	5.9	3.7	5.2	8.7
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	24.9	33.4	29.6	23.4	44.8	50.0	58.7

Financial Ratios							
	2017	2018	2019	2020	2021e	2022e	2023e
Cash Flow							
FCF	7.7	10.9	14.4	22.4	17.0	18.2	23.1
Free Cash Flow / Sales	14.2 %	17.4 %	20.2 %	26.1 %	17.8 %	16.7 %	18.2 %
Free Cash Flow Potential	9.7	12.0	15.7	20.8	21.1	23.7	29.4
Free Cash Flow / Net Profit	83.1 %	97.5 %	106.9 %	126.8 %	97.9 %	94.3 %	95.5 %
Interest Received / Avg. Cash	0.2 %	0.4 %	2.7 %	1.2 %	0.2 %	0.2 %	0.2 %
Interest Paid / Avg. Debt	n.a.						
Management of Funds							
Investment ratio	2.0 %	2.7 %	1.3 %	0.8 %	4.2 %	4.6 %	3.9 %
Maint. Capex / Sales	0.8 %	0.7 %	0.6 %	0.5 %	0.5 %	0.4 %	0.3 %
Capex / Dep	148.3 %	158.8 %	28.2 %	20.3 %	95.2 %	104.4 %	89.2 %
Avg. Working Capital / Sales	7.8 %	8.3 %	8.8 %	8.8 %	9.0 %	8.6 %	8.4 %
Trade Debtors / Trade Creditors	1138.3 %	1226.3 %	840.4 %	1647.0 %	1566.7 %	1485.7 %	1525.0 %
Inventory Turnover	4056.0 x	4131.1 x	4755.4 x	5327.7 x	286.5 x	334.2 x	369.4 x
Receivables collection period (days)	34	36	39	38	36	35	35
Payables payment period (days)	10	10	16	8	8	8	8
Cash conversion cycle (Days)	24	26	24	29	30	28	28



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)			
ATOSS	5	http://www.mmwarburg.com/disclaimer/disclaimer_en/DE0005104400.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.				
-H-	Hold:	The price of the analysed financial instrument is expected to remain mostly flat over the next 12 months.				
-S-	Sell:	The price of the analysed financial instrument is expected to fall over the next 12 months.				
<b>"_</b> "	Rating suspended:	The available information currently does not permit an evaluation of the company.				

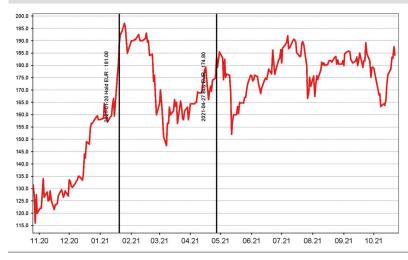
WARBURG RESEARCH GMBH - ANALYSED RESEARCH UNIVERSE BY RATING						
Rating	Number of stocks	% of Universe				
Buy	144	67				
Hold	60	28				
Sell	7	3				
Rating suspended	3	1				
Total	214	100				

### WARBURG RESEARCH GMBH - ANALYSED RESEARCH UNIVERSE BY RATING ...

... 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	46	78
Hold	11	19
Sell	0	0
Rating suspended	2	3
Total	59	100

### PRICE AND RATING HISTORY ATOSS AS OF 25.10.2021



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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