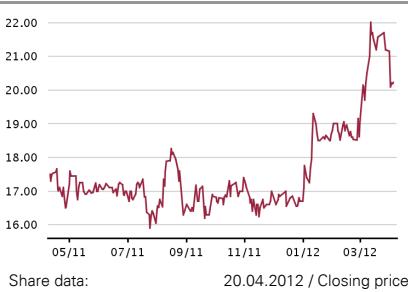


Buy	(old: Buy)
PT EUR 24.50	(old: 24.50)

Price	EUR 20.23
Bloomberg	AOF GR
Reuters	AOFG
Sector	Software/IT

Software solutions provider for the workforce management with typical sales split between licenses, services, maintenance



Market cap:	EUR 80.5 m
Enterprise Value (EV):	EUR 56.2 m
Book value:	EUR 24.7 m
No. of shares:	4.0 m
Trading volume Ø:	EUR 93.2 th

Shareholders:	
Founding Family	56.4 %
Free Float	32.7 %
Investment TGV Bonn	5.8 %
Mainfirst	5.1 %

Calendar:	
Figures Q1	05/16/12

Estimates confirmed

On April 20, 2012 ATOSS Software AG published **the figures for Q1 2012**. Sales were below the expectation. EBIT fell slightly short and net income was marginally ahead of the projections:

ATOSS Software - Q1 2012							
Figures in EUR m	Q1/12	Q1/12e	Q1/11	yoY	2012e	2011	yoY
Sales	7.8	8.0	7.8	-0.2%	33.8	31.6	7.0%
EBIT	2.0	2.1	1.9	1.5%	7.0	7.3	-4.1%
<i>margin</i>	25.1%	26.3%	24.7%		20.8%	23.1%	
EBT	2.3	2.2	2.1	8.8%	7.9	8.4	-5.9%
<i>margin</i>	29.7%	27.5%	27.2%		23.4%	26.6%	
EPS in EUR	0.39	0.37	0.34	n.a.	1.34	1.43	n.a.

Sources: ATOSS Software (historical data), Warburg Research (estimates)

The slight shortfall to sales estimates was solely due to weak hardware revenues (EUR 0.5m) which were down from EUR 0.9m in the previous year (-38%). Traditionally, the hardware business is only a non-core segment. **The key sales figures, software and consultation, showed growth rates of 6% and 5%.**

Consequently, EBIT was slightly increased to approx. EUR 2m. Net income grew significantly by 16% to EUR 1.5m on the back of a good financial result (investment in shares and gold). However, this positive financial result is subject to fluctuations and benefited from the good development of individual investments.

The cash position was up 20% to EUR 28.5m in the period under review and the equity ratio reached 64 percent. Thus, the good balance sheet quality remains one of the main arguments for the stock.

Based on the robust start to the year the company sticks to its outlook. Management anticipates a further positive development of the ATOSS Software AG. As such, the company expects sales to increase moderately and the EBIT margin to remain above 20 percent in FY 2012 despite the planned investments particularly in the expansion of the sales activities. The expectations of Warburg Research are **somewhat more optimistic** but will not be adjusted as particularly Q2 and Q4, which are better traditionally, will be decisive for the quality of the financial year.

Based on unchanged estimates the Buy rating is reiterated with a PT of EUR 24.50.

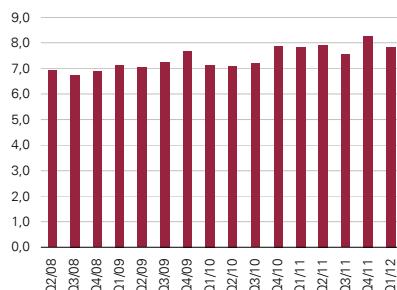
Change						
	old	Δ%	old	Δ%	old	Δ%
Sales	33.8	0	36.2	0	38.7	-
EBIT	7.8	-0.1	8.4	-0.1	8.9	-
EPS	1.49	0	1.58	0	1.68	-

Analysis:	Warburg Research
Date of publication:	23.04.2012
Analyst:	
Felix Ellmann	+49 (0)40-309537-120 fellmann@warburg-research.com

Fiscal year ending: 31.12. in EUR m	2008	2009	2010	2011	2012E	2013E	2014E
Sales	26.9	29.1	29.3	31.6	33.8	36.2	38.7
<i>Change Sales yoY</i>	10.3 %	8.0 %	0.8 %	7.7 %	7.0 %	7.0 %	7.0 %
Gross balance	18.1	19.4	20.0	22.2	23.3	24.9	26.7
<i>Gross margin</i>	67.1 %	66.7 %	68.1 %	70.4 %	69.0 %	69.0 %	69.0 %
EBITDA	5.4	5.9	7.3	7.8	8.3	8.8	9.4
<i>EBITDA-margin</i>	20.1 %	20.3 %	24.9 %	24.7 %	24.4 %	24.4 %	24.4 %
EBIT	5.0	5.5	6.8	7.3	7.8	8.4	8.9
<i>EBIT-margin</i>	18.7 %	19.0 %	23.3 %	23.1 %	23.1 %	23.1 %	23.1 %
Net income	3.5	4.0	4.8	5.7	5.9	6.3	6.7
EPS	0.88	1.00	1.21	1.43	1.49	1.58	1.68
Free Cash Flow per share	0.51	1.77	0.83	1.17	1.13	1.55	1.66
Dividend	0.44	0.50	0.60	0.71	0.75	0.79	0.84
<i>Dividend Yield</i>	2.2 %	2.5 %	3.0 %	3.5 %	3.7 %	3.9 %	4.2 %
EV/Sales	2.1	2.0	2.0	1.8	1.7	1.5	1.3
EV/EBITDA	10.7	9.8	7.9	7.4	6.8	6.0	5.2
EV/EBIT	11.5	10.5	8.5	7.9	7.2	6.3	5.5
PER	23.0	20.2	16.7	14.1	13.6	12.8	12.0
ROCE	39.8 %	36.5 %	38.0 %	34.6 %	31.7 %	29.7 %	28.2 %
Adj. Free Cash Flow Yield	8.8 %	9.6 %	11.9 %	12.7 %	13.9 %	15.8 %	18.2 %

Sales development

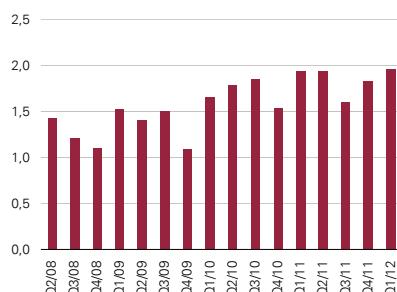
in EUR m



Source: ATOSS Software

EBIT development

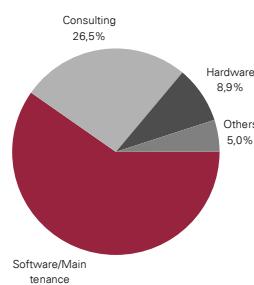
in EUR m



Source: ATOSS Software

Sales by segments

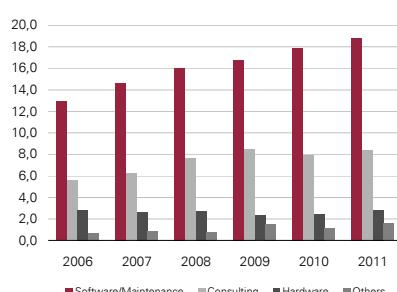
2011



Source: ATOSS Software

Sales Split according to segments

in EUR m



Source: ATOSS Software

Company background

ATOSS Software AG is a provider of software and services to optimise the deployment. With its solutions ATOSS optimises personnel processes and thus improves the service level, the efficiency as well as the employee and customer satisfaction. The company has assumed a leading position particularly in the German speaking area: 4,000 companies and approx. 2.5 m employees use ATOSS solutions from SMEs to blue chip companies.

Competitive quality

As to competition ATOSS primarily benefits from the following strengths:

- ATOSS has a leading software product (state-of-the-art Java technology)
- ATOSS is specialised in regions and sectors (country-specific employment conditions in the DACH region and reproduction of working processes in the core sectors)
- ATOSS is independent of manufacturers (no commitment to hardware of large software manufacturers)
- The solutions of ATOSS are highly compatible (e.g. seamless integration in ERP systems possible)
- The financial stability and balance sheet quality of ATOSS are excellent.
- ATOSS is a relatively large supplier (compared to competitors who are often considerably smaller; this is quite important for ATOSS)

Consolidated Profit & Loss ATOSS

in EUR m	2008	2009	2010	2011	2012E	2013E	2014E
Sales	26.9	29.1	29.3	31.6	33.8	36.2	38.7
Cost of sales	8.9	9.7	9.4	9.3	10.5	11.2	12.0
Gross balance	18.1	19.4	20.0	22.2	23.3	24.9	26.7
Research and development	5.1	5.6	6.0	6.7	7.1	7.6	8.1
Sales and marketing	5.6	5.8	4.8	5.5	5.8	6.2	6.7
General and administration	2.7	2.5	2.5	2.7	2.9	3.1	3.4
Other operating income/expenses	0.3	0.0	0.1	0.0	0.3	0.4	0.4
Unfrequent items	0.0						
EBITDA	5.4	5.9	7.3	7.8	8.3	8.8	9.4
Depreciation of fixed assets	0.3	0.3	0.4	0.4	0.4	0.4	0.4
EBITA	5.1	5.6	6.9	7.4	7.9	8.4	9.0
Amortisation of intangible fixed assets	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Impairment charges and amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	5.0	5.5	6.8	7.3	7.8	8.4	8.9
Interest income	0.6	0.4	0.2	2.1	1.0	1.0	1.0
Interest expenses	0.5	0.0	0.1	1.0	0.1	0.1	0.1
Financial result	0.1	0.3	0.1	1.1	0.9	0.9	0.9
Recurring pretax income from cont. operations	5.1	5.9	7.0	8.4	8.7	9.3	9.8
Extraordinary income/loss	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	5.1	5.9	7.0	8.4	8.7	9.3	9.8
Taxes total	1.6	1.9	2.2	2.7	2.8	3.0	3.2
Net income from continuing operations	3.5	4.0	4.8	5.7	5.9	6.3	6.7
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	3.5	4.0	4.8	5.7	5.9	6.3	6.7
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income	3.5	4.0	4.8	5.7	5.9	6.3	6.7

Sources: ATOSS (historical data), Warburg Research (forecasts)

Consolidated Profit & Loss ATOSS

in % of Sales	2008	2009	2010	2011	2012E	2013E	2014E
Sales	100.0 %						
Cost of sales	32.9 %	33.3 %	31.9 %	29.6 %	31.0 %	31.0 %	31.0 %
Gross balance	67.1 %	66.7 %	68.1 %	70.4 %	69.0 %	69.0 %	69.0 %
Research and development	19.0 %	19.4 %	20.3 %	21.1 %	21.0 %	21.0 %	21.0 %
Sales and marketing	20.7 %	19.9 %	16.2 %	17.5 %	17.2 %	17.2 %	17.2 %
General and administration	9.8 %	8.5 %	8.7 %	8.7 %	8.7 %	8.7 %	8.7 %
Other operating income/expenses	1.2 %	0.1 %	0.5 %	0.0 %	1.0 %	1.0 %	1.0 %
Unfrequent items	0.0 %						
EBITDA	20.2 %	20.3 %	24.9 %	24.7 %	24.4 %	24.4 %	24.4 %
Depreciation of fixed assets	1.1 %	1.0 %	1.2 %	1.2 %	1.1 %	1.1 %	1.1 %
EBITA	19.1 %	19.3 %	23.6 %	23.4 %	23.3 %	23.3 %	23.3 %
Amortisation of intangible fixed assets	0.3 %	0.3 %	0.3 %	0.3 %	0.2 %	0.2 %	0.2 %
Impairment charges and amortisation of goodwill	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
EBIT	18.7 %	19.0 %	23.3 %	23.1 %	23.1 %	23.1 %	23.1 %
Interest income	2.3 %	1.3 %	0.7 %	6.6 %	3.0 %	2.8 %	2.6 %
Interest expenses	2.0 %	0.1 %	0.3 %	3.1 %	0.3 %	0.3 %	0.3 %
Financial result	0.3 %	1.2 %	0.4 %	3.5 %	2.7 %	2.5 %	2.3 %
Recurring pretax income from cont. operations	19.0 %	20.1 %	23.7 %	26.6 %	25.8 %	25.6 %	25.5 %
Extraordinary income/loss	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
EBT	19.0 %	20.1 %	23.7 %	26.6 %	25.8 %	25.6 %	25.5 %
Taxes total	6.0 %	6.5 %	7.4 %	8.7 %	8.3 %	8.2 %	8.1 %
Net income from continuing operations	13.0 %	13.6 %	16.4 %	18.0 %	17.5 %	17.4 %	17.3 %
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	13.0 %	13.6 %	16.4 %	18.0 %	17.5 %	17.4 %	17.3 %
Minority interest	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Net income	13.0 %	13.6 %	16.4 %	18.0 %	17.5 %	17.4 %	17.3 %

Sources: ATOSS (historical data), Warburg Research (forecasts)

Balance sheet ATOSS

in EUR m	2008	2009	2010	2011	2012E	2013E	2014E
Assets							
Intangible assets	0.1	0.1	0.1	0.2	0.1	0.0	0.0
thereof other intangible assets	0.1	0.1	0.1	0.2	0.1	0.0	0.0
thereof Goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Property, plant and equipment	0.6	0.8	2.8	2.9	3.0	3.0	3.0
Financial assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fixed assets	0.7	0.9	2.9	3.1	3.1	3.0	2.9
Inventories	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Accounts receivable	3.5	4.3	3.1	2.6	4.1	4.4	4.7
Other Assets	1.3	1.2	1.1	1.3	2.0	2.2	2.4
Liquid assets	14.0	19.3	20.7	24.3	26.0	29.2	32.6
Current assets	18.7	24.8	24.8	28.3	32.0	35.7	39.7
Total assets	19.4	25.7	27.8	31.4	35.1	38.7	42.6
Liabilities and shareholders' equity							
Subscribed capital	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Additional paid-in capital	-0.2	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4
Surplus capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other equity components	8.7	11.0	13.9	17.5	21.1	24.5	28.1
Book value	12.5	14.7	17.6	21.1	24.7	28.1	31.8
Minority Interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total equity	12.5	14.7	17.6	21.1	24.7	28.1	31.8
Provision for pensions and similar obligations	1.2	1.9	1.7	1.7	1.7	1.7	1.7
Provisions	4.5	5.7	2.8	2.8	2.9	3.0	3.1
Financial liabilities	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Accounts payable	0.2	0.7	0.8	0.8	0.8	0.9	1.0
Other liabilities	2.2	4.6	6.6	6.6	6.6	6.6	6.6
Liabilities	7.0	11.0	10.3	10.3	10.4	10.6	10.8
Total liabilities and shareholders' equity	19.4	25.7	27.8	31.4	35.1	38.7	42.6

Sources: ATOSS (historical data), Warburg Research (forecasts)

Balance sheet ATOSS

in % of Balance Sheet Total	2008	2009	2010	2011	2012E	2013E	2014E
Assets							
Intangible assets	0.7 %	0.4 %	0.5 %	0.6 %	0.3 %	0.1 %	-0.1 %
thereof other intangible assets	0.7 %	0.4 %	0.5 %	0.6 %	0.3 %	0.1 %	-0.1 %
thereof Goodwill	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Property, plant and equipment	2.9 %	3.1 %	10.1 %	9.4 %	8.5 %	7.7 %	6.9 %
Financial assets	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Fixed assets	3.6 %	3.5 %	10.6 %	10.0 %	8.8 %	7.8 %	6.8 %
Inventories	0.1 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Accounts receivable	17.8 %	16.7 %	11.0 %	8.3 %	11.7 %	11.4 %	11.0 %
Other Assets	6.6 %	4.6 %	3.8 %	4.3 %	5.6 %	5.6 %	5.6 %
Liquid assets	72.2 %	75.2 %	74.4 %	77.4 %	74.0 %	75.3 %	76.5 %
Current assets	96.6 %	96.5 %	89.3 %	90.0 %	91.3 %	92.3 %	93.1 %
Total assets	100.0 %						
Liabilities and shareholders' equity							
Subscribed capital	20.8 %	15.7 %	14.5 %	12.8 %	11.5 %	10.4 %	9.5 %
Additional paid-in capital	-1.3 %	-1.2 %	-1.4 %	-1.2 %	-1.1 %	-1.0 %	-0.9 %
Surplus capital	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Other equity components	44.8 %	42.8 %	50.1 %	55.6 %	60.0 %	63.3 %	66.1 %
Book value	64.3 %	57.2 %	63.2 %	67.2 %	70.4 %	72.7 %	74.6 %
Minority Interest	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Total equity	64.3 %	57.2 %	63.2 %	67.2 %	70.4 %	72.7 %	74.6 %
Provision for pensions and similar obligations	6.1 %	7.3 %	6.3 %	5.5 %	4.9 %	4.4 %	4.0 %
Provisions	23.2 %	22.3 %	10.1 %	9.1 %	8.4 %	7.9 %	7.4 %
Financial liabilities	0.1 %	0.1 %	0.3 %	0.0 %	0.0 %	0.0 %	0.0 %
Accounts payable	1.2 %	2.7 %	2.8 %	2.5 %	2.3 %	2.3 %	2.4 %
Other liabilities	11.5 %	17.8 %	23.7 %	21.2 %	18.9 %	17.2 %	15.6 %
Liabilities	36.0 %	42.8 %	36.9 %	32.8 %	29.6 %	27.4 %	25.3 %
Total liabilities and shareholders' equity	100.0 %						

Sources: ATOSS (historical data), Warburg Research (forecasts)

Statement of Cash Flows ATOSS

in EUR m	2008	2009	2010	2011	2012E	2013E	2014E
Net income	3.5	4.0	4.8	5.7	5.9	6.3	6.7
Depreciation of fixed assets	0.3	0.3	0.4	0.4	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Increase/decrease in long-term provisions	0.0	0.7	-0.1	0.0	0.0	0.0	0.0
Other costs affecting income / expenses	0.1	2.9	0.0	-1.7	0.0	0.0	0.0
Cash Flow	4.0	8.0	5.1	4.5	6.4	6.8	7.2
Increase / decrease in inventory	-0.6	0.1	0.1	-0.1	0.0	0.0	0.0
Increase / decrease in accounts receivable	-0.6	-0.8	1.2	0.5	-1.5	-0.3	-0.3
Increase / decrease in accounts payable	-0.2	0.5	0.1	0.0	0.0	0.1	0.1
Increase / decrease in other working capital positions	-0.1	-0.1	-0.7	0.5	0.0	0.0	0.0
Increase / decrease in working capital	-1.5	-0.4	0.7	0.9	-1.5	-0.2	-0.2
Cash flow from operating activities	2.5	7.6	5.8	5.3	4.9	6.6	7.0
CAPEX	-0.4	-0.6	-2.5	-0.7	-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	0.0	0.0	-7.9	0.0	0.0	0.0
Income from asset disposals	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cash flow from investing activities	-0.4	-0.6	-2.5	-8.5	-0.4	-0.4	-0.4
Change in financial liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dividends paid	-1.2	-1.7	-2.0	-2.4	-2.8	-3.0	-3.1
Purchase of own shares	-0.3	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cash flow from financing activities	-1.5	-1.7	-1.9	-2.3	-2.8	-3.0	-3.1
Change in liquid funds	0.6	5.3	1.4	-5.6	1.7	3.2	3.5
Effects of exchange rate changes on cash	0.0						
Liquid assets at end of period	14.0	19.3	20.7	15.1	26.0	29.2	32.6

Sources: ATOSS (historical data), Warburg Research (forecasts)

Financial Ratios ATOSS

	2008	2009	2010	2011	2012E	2013E	2014E
Operational Efficiency							
Total Operating Costs / Sales	48.4 %	47.7 %	44.8 %	47.3 %	45.9 %	45.9 %	45.9 %
Sales per Employee	125,902	128,137	120,634	121,911	124,233	126,600	129,011
EBITDA per Employee	25,369	26,004	29,992	30,093	30,341	30,919	31,507
EBIT-margin	18.7 %	19.0 %	23.3 %	23.1 %	23.1 %	23.1 %	23.1 %
EBITDA / Operating Assets	143.2 %	134.2 %	143.0 %	163.1 %	131.4 %	136.3 %	142.0 %
ROA	505.8 %	437.3 %	162.7 %	181.5 %	191.9 %	208.7 %	229.7 %
Efficiency of Capital Employment							
Plant Turnover	48.7	36.6	10.4	10.7	11.3	12.1	13.1
Operating Assets Turnover	7.1	6.6	5.8	6.6	5.4	5.6	5.8
Capital Employed Turnover	2.0	1.8	1.5	1.4	1.3	1.2	1.2
Return on Capital							
ROCE	39.8 %	36.5 %	38.0 %	34.6 %	31.7 %	29.7 %	28.2 %
EBITDA / Avg. Capital Employed	42.8 %	39.0 %	40.5 %	36.9 %	33.5 %	31.4 %	29.8 %
ROE	28.2 %	27.0 %	27.3 %	26.9 %	24.0 %	22.4 %	21.1 %
Net Profit / Avg. Equity	30.6 %	29.2 %	29.7 %	29.3 %	25.9 %	23.8 %	22.4 %
Recurring Net Profit / Avg. Equity	30.6 %	29.2 %	29.7 %	29.3 %	25.9 %	23.8 %	22.4 %
ROIC	18.8 %	16.3 %	21.0 %	21.8 %	20.0 %	19.0 %	18.1 %
Solvency							
Net Debt	-14.0	-19.3	-20.6	-24.3	-26.0	-29.2	-32.6
Net Gearing	-112.1 %	-131.2 %	-117.4 %	-115.1 %	-105.1 %	-103.7 %	-102.6 %
Book Value of Equity / Book Value of Debt	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Current ratio	7.6	4.7	3.4	3.8	4.3	4.7	5.2
Acid Test Ratio	2.7	2.3	2.4	2.7	3.1	3.4	3.7
EBITDA / Interest Paid	10.0	178.9	81.0	8.0	82.5	88.3	94.5
Interest Cover	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cash Flow							
Free Cash Flow	2.1	7.0	3.3	4.6	4.5	6.2	6.6
Free Cash Flow / Sales	7.6 %	24.1 %	11.3 %	14.7 %	13.3 %	17.1 %	17.1 %
Adj. Free Cash Flow	5.1	5.6	6.9	7.4	7.8	8.4	9.0
Adj. Free Cash Flow / Sales	10.9 %	12.5 %	15.7 %	11.6 %	14.6 %	14.8 %	14.9 %
Free Cash Flow / Net Profit	58.5 %	176.8 %	68.8 %	81.9 %	75.8 %	97.9 %	98.5 %
Interest Received / Avg. Cash	4.5 %	2.2 %	1.0 %	9.2 %	4.0 %	3.6 %	3.2 %
Interest Paid / Avg. Debt	1816.7 %	137.5 %	191.5 %	2788.6 %	n.a.	n.a.	n.a.
Dividend Payout Ratio	50.0 %	49.9 %	49.6 %	49.7 %	50.3 %	49.9 %	49.9 %
Fund Management							
Investment ratio	1.7 %	2.1 %	8.5 %	27.1 %	1.2 %	1.1 %	1.0 %
Maint. Capex / Sales	1.3 %	1.2 %	1.5 %	1.4 %	1.3 %	1.2 %	1.1 %
Capex / Dep	117.0 %	156.1 %	553.6 %	1758.4 %	91.1 %	85.1 %	79.5 %
Avg. Working Capital / Sales	10.5 %	11.8 %	10.0 %	6.5 %	7.6 %	9.4 %	9.3 %
Trade Creditors / Trade Debtors	1528.8 %	625.0 %	388.8 %	330.6 %	512.5 %	488.9 %	470.0 %
Inventory turnover (days)	0.1	0.1	0.1	0.1	0.3	0.3	0.3
Receivables collection period (DSOs)	46.8	53.7	38.2	30.2	44.0	44.0	44.0
Payables collection period (days)	3.1	8.6	9.8	9.1	9.1	9.1	9.1
Cash conversion cycle (days)	43.9	45.2	28.5	21.2	35.2	35.2	35.2
Valuation							
Dividend Yield	2.2 %	2.5 %	3.0 %	3.5 %	3.7 %	3.9 %	4.2 %
P/B	6.5	5.5	4.6	3.8	3.3	2.9	2.5
EV/sales	2.1	2.0	2.0	1.8	1.7	1.5	1.3
EV/EBITDA	10.7	9.8	7.9	7.4	6.8	6.0	5.2
EV/EBIT	11.5	10.5	8.5	7.9	7.2	6.3	5.5
EV/FCF	28.2	8.3	17.5	12.5	12.5	8.6	7.5
P/E	23.0	20.2	16.7	14.1	13.6	12.8	12.0
P/CF	20.2	10.1	15.9	18.0	12.6	11.9	11.2
Adj. Free Cash Flow Yield	8.8 %	9.6 %	11.9 %	12.7 %	13.9 %	15.8 %	18.2 %

Sources: ATOSS (historical data), Warburg Research (forecasts)

Free Cash Flow Yield - ATOSS Software

Figures in EUR m	2008	2009	2010	2011	2012e	2013e	2014e	
Net Income	3.5	4.0	4.8	5.7	5.9	6.3	6.7	
+ Depreciation + Amortisation	0.4	0.4	0.5	0.5	0.4	0.5	0.5	
- Net Interest Income	0.1	0.3	0.1	1.1	0.9	0.9	0.9	
+ Taxes	1.6	1.9	2.2	2.7	2.8	3.0	3.2	
- Maintenance Capex	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
+ Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
= Adjusted Free Cash Flow	5.1	5.6	6.9	7.4	7.8	8.4	9.0	
Adjusted Free Cash Flow Yield	8.8%	9.6%	11.9%	12.7%	13.9%	15.8%	18.2%	
Hurdle rate	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	
= Enterprise Value	57.9	57.9	57.9	57.9	56.2	53.0	49.6	
= Fair Enterprise Value	50.8	55.5	68.6	73.6	78.2	84.0	90.2	
- Net Debt (Cash)	-24.3	-24.3	-24.3	-24.3	-26.0	-29.2	-32.6	
- Pension Liabilities	1.7	1.7	1.7	1.7	1.7	1.7	1.7	
- Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
= Fair Market Capitalisation	73.4	78.1	91.2	96.2	102.5	111.4	121.1	
No. of shares (m)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
= Fair value per share (EUR)	18.45	19.64	22.92	24.20	25.77	28.02	30.44	
premium (-) / discount (+) in %	-8.8%	-2.9%	13.3%	19.6%	27.4%	38.5%	50.5%	
Sensitivity Fair value per Share (EUR)								
Hurdle rate	13.0%	15.50	16.42	18.94	19.92	21.23	23.15	25.21
	12.0%	16.32	17.32	20.05	21.11	22.49	24.50	26.66
	11.0%	17.29	18.37	21.36	22.51	23.98	26.10	28.38
	10.0%	18.45	19.64	22.92	24.20	25.77	28.02	30.44
	9.0%	19.87	21.19	24.84	26.25	27.95	30.37	32.96
	8.0%	21.64	23.13	27.24	28.83	30.68	33.30	36.11
	7.0%	23.92	25.63	30.32	32.13	34.20	37.07	40.16

Sources: ATOSS Software (historical data), Warburg Research (estimates)

DCF Model - ATOSS Software

Figures in EUR m	2012e	2013e	2014e	2015e	2016e	2017e	2018e	2019e	2020e	2021e	2022e	2023e	2024e	2025e
Sales	33.8	36.2	38.7	40.6	42.6	44.8	47.0	49.4	51.8	54.4	56.1	57.7	59.5	61.3
Change	7.0%	7.0%	7.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	3.0%	3.0%	3.0%	3.0%
EBIT	7.8	8.4	8.9	9.5	10.0	10.5	11.0	11.6	12.2	12.8	13.2	13.6	14.0	14.4
EBIT-Margin	23.1%	23.1%	23.1%	23.5%	23.5%	23.5%	23.5%	23.5%	23.5%	23.5%	23.5%	23.5%	23.5%	23.5%
Tax rate	32.0%	32.0%	32.0%	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%
NOPAT	5.3	5.7	6.1	6.2	6.5	6.8	7.2	7.5	7.9	8.3	8.6	8.8	9.1	9.4
Depreciation in % of Sales	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9
	1.3%	1.3%	1.3%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
Change in Liquidity from														
- Working Capital	-1.5	-0.2	-0.2	-0.4	-0.2	-0.2	-0.2	-0.2	-0.2	-0.3	-0.2	-0.2	-0.2	-0.2
- Capex	-0.4	-0.4	-0.4	-0.6	-0.6	-0.7	-0.7	-0.7	-0.8	-0.8	-0.8	-0.9	-0.9	-0.9
Capex in % of Sales	1.2%	1.1%	1.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
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	0.0
Free Cash Flow (WACC-Model)	3.9	5.6	6.0	5.8	6.3	6.6	6.9	7.3	7.6	8.0	8.4	8.6	8.9	9.2

Model parameter

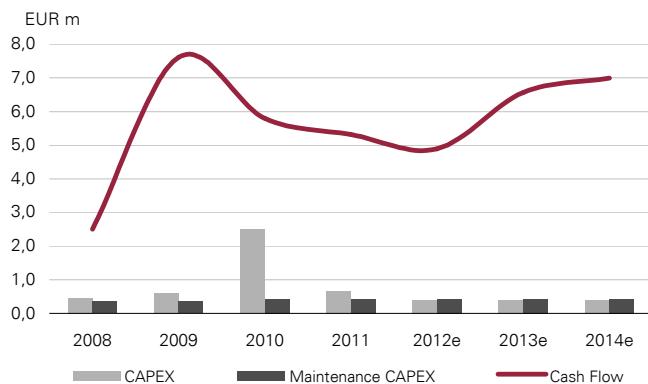
Valuation (mln)			
Present values 2025e			46.5
Terminal Value			28.1
Liabilities			-1.7
Liquidity			24.3
Equity Value			97.2
No. of shares (mln)			3.98
Value per share (EUR)			24.43

Sensitivity Value per Share (EUR)

Terminal Growth							Delta EBIT-margin								
WACC	1.25%	1.50%	1.75%	2.00%	2.25%	2.50%	2.75%	WACC	-1.5 pp	-1.0 pp	-0.5 pp	0.0	+0.5 pp	+1.0 pp	+1.5 pp
11.19%	21.77	21.90	22.04	22.19	22.34	22.51	22.68	11.19%	21.08	21.45	21.82	22.19	22.56	22.93	23.30
10.69%	22.75	22.91	23.07	23.25	23.43	23.63	23.84	10.69%	22.07	22.46	22.85	23.25	23.64	24.03	24.42
10.44%	23.28	23.45	23.63	23.82	24.02	24.24	24.47	10.44%	22.61	23.01	23.42	23.82	24.23	24.63	25.03
10.19%	23.84	24.03	24.22	24.43	24.66	24.89	25.15	10.19%	23.18	23.60	24.02	24.43	24.85	25.27	25.69
9.94%	24.44	24.64	24.86	25.09	25.33	25.59	25.87	9.94%	23.79	24.22	24.65	25.09	25.52	25.95	26.38
9.69%	25.07	25.29	25.53	25.78	26.05	26.34	26.65	9.69%	24.44	24.89	25.33	25.78	26.23	26.67	27.12
9.19%	26.45	26.72	27.01	27.32	27.65	28.00	28.38	9.19%	25.88	26.36	26.84	27.32	27.80	28.28	28.76

Source: Warburg Research

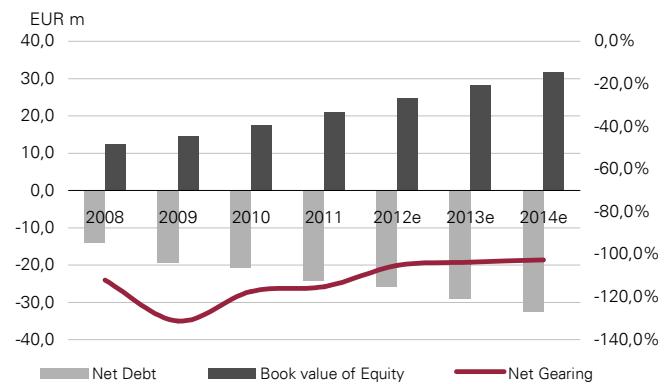
CAPEX and Cash Flow - ATOSS Software



Sources: ATOSS Software (historical data), Warburg Research (forecasts)

- CAPEX and maintenance capex play a subordinate role
- Software business with low investments
- Cash flow develops solidly

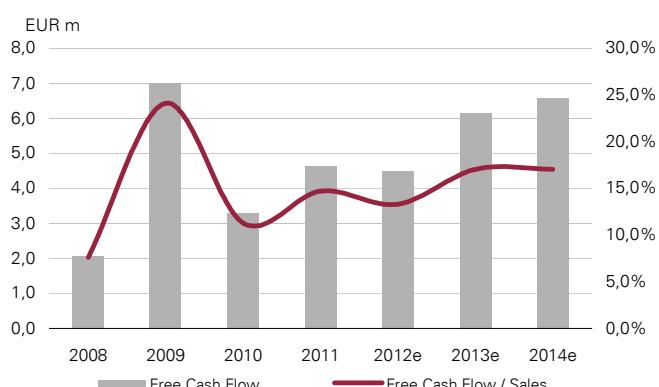
Balance Sheet Quality - ATOSS Software



Sources: ATOSS Software (historical data), Warburg Research (forecasts)

- ATOSS has high net cash
- This results in a negative net gearing

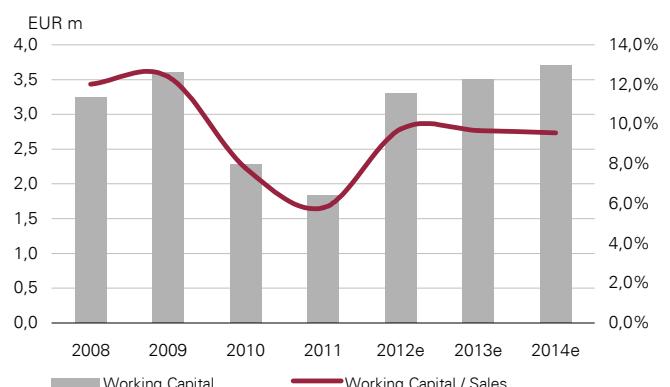
Free Cash Flow Generation - ATOSS Software



Sources: ATOSS Software (historical data), Warburg Research (forecasts)

- ATOSS generates solid and stable FCF
- FCF high as measured by sales
- Fluctuations are normal and due to project payments

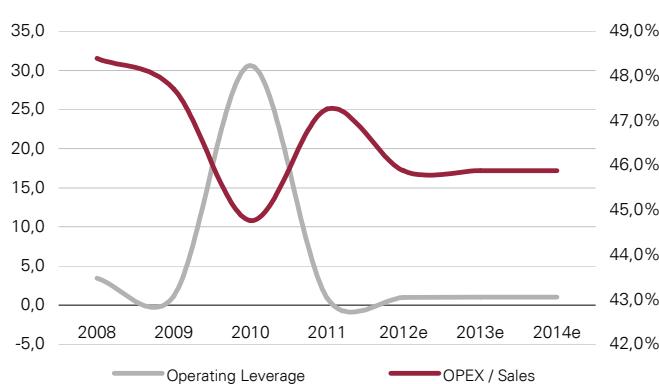
Working Capital - ATOSS Software



Sources: ATOSS Software (historical data), Warburg Research (forecasts)

- Working Capital is relatively constant
- It is between EUR 2.5m and EUR 3.5m

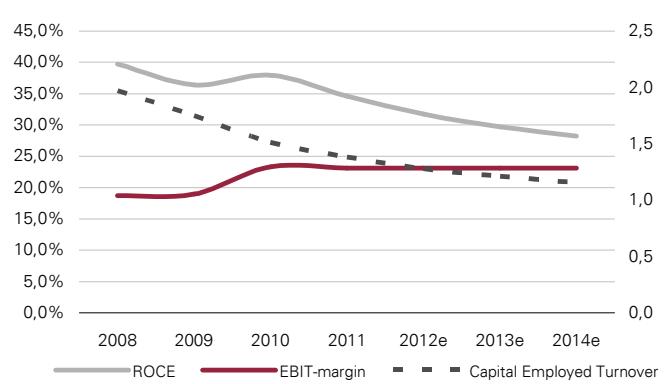
Operating Leverage - ATOSS Software



Sources: ATOSS Software (historical data), Warburg Research (forecasts)

- Operating expenses are high with over 40% of sales
- Reason: High personnel costs

ROCE Development - ATOSS Software



Sources: ATOSS Software (historical data), Warburg Research (forecasts)

- EBIT margin develops positively in a long-term upward trend
- Good earnings development is generally reflected

Legal Disclaimer

This research report was prepared by the Warburg Research GmbH, a subsidiary of the M.M.Warburg & CO KGaA. It contains selected information and does not purport to be complete. The report bases on publicly available information and data ("the Information") believed to be accurate and complete. Warburg Research GmbH neither does examine the Information to be accurate and complete, nor guarantees its accuracy and completeness. Possible errors or incompleteness of the Information do not constitute grounds for liability, neither with regard to indirect nor to direct or consequential damages. In particular, neither M.M.Warburg & CO KGaA nor the Warburg Research GmbH are liable for the statements, plans or other details contained in the Information concerning the examined companies, their associated companies, strategies, economic situations, market and competitive situations, regulatory environment, etc. Although due care has been taken in compiling this research report, it cannot be excluded that it is incomplete or contains errors. M.M.Warburg & CO KGaA and Warburg Research GmbH, their shareholders and employees are not liable for the accuracy and completeness of the statements, estimations and the conclusions derived from the Information contained in this document. Provided any research report is being transmitted in connection with an existing contractual relationship, i.e. financial advisory or similar services, the liability of M.M.Warburg & CO KGaA and Warburg Research GmbH shall be restricted to gross negligence and willful misconduct. Only in case of failure in essential tasks, M.M.Warburg & CO KGaA and Warburg Research GmbH are liable for normal negligence. In any case, the liability of M.M.Warburg & CO KGaA and Warburg Research GmbH is limited to typical, expectable damages and the liability for any indirect damages is excluded. This research report does not constitute an offer or a solicitation of an offer for the purchase or sale of any security. Partners, directors or employees of M.M.Warburg & CO KGaA or Warburg Research GmbH may serve on the board of directors of companies mentioned in a report. Opinions expressed in this report are subject to change without notice. All rights reserved.

Copyright Notice

This work including all its parts is protected by copyright. Any use beyond the limits provided by copyright law without permission is prohibited and punishable. This applies, in particular, to reproductions, translations, microfilming, and storage and processing on electronic media of the entire content or parts thereof.

Disclosure according to Section 34b of the German Securities Trading Act and FinAnV

Section 34 b of the German Securities Trading Act in combination with the FinAnV requires an enterprise preparing a securities analysis to point out possible conflicts of interest with respect to the company that is the subject of the analysis. In this connection, we point out that:

- M.M.Warburg & CO KGaA or Warburg Research GmbH is party to an agreement with this company relating to the production of research recommendations.

This report has been made accessible to the company analysed and was modified thereafter

The valuation underlying the rating of the equity security analysed in this report is based on generally accepted and widely used methods of fundamental valuation, such as DCF model, Peer group comparison and – where applicable – a Sum-of-the-parts model.

M.M.Warburg & CO KGaA and Warburg Research GmbH have set up effective organisational and administrative arrangements to prevent and avoid possible conflicts of interest and, where applicable, to disclose them.

Valuations, ratings and target prices for the companies analysed by M.M.Warburg & CO KGaA and Warburg Research GmbH are subject to constant reviews and may therefore change, if any of the fundamental factors underlying these items do change.

All share prices given in this equity analysis are closing prices, except where stated otherwise.

Neither M.M.Warburg & CO KGaA's analysts nor Warburg Research GmbH's analysts do receive any payments directly or indirectly from any affiliates' investment banking activity.

M.M.Warburg & CO KGaA and Warburg Research GmbH are under supervision of the BaFin – German Federal Financial Supervisory Authority.

Investment recommendation: expected direction of the share price development for equity security up to the given Target price in the opinion of the analyst who covers the issue.

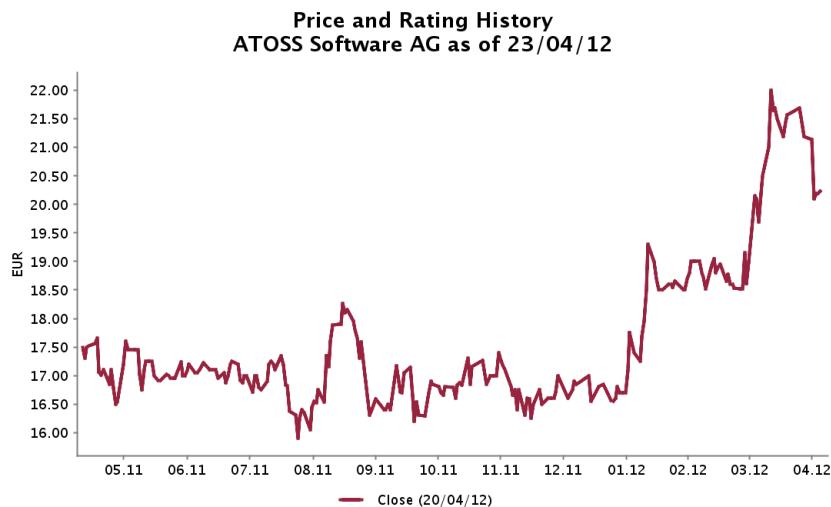
- B **Buy:** The price of the analysed equity security is expected to rise over the next 12 months.
- H **Hold:** The price of the analysed equity security is expected to remain mostly flat over the next 12 months.
- S **Sell:** The price of the analysed equity security is expected to fall over the next 12 months.
- "-" **Rating suspended:** The available information does not currently permit an evaluation of the company.

M.M.Warburg & CO KGaA and Warburg Research GmbH research universe by rating:

Rating	Number of stocks	% of Universe
Buy	118	66%
Hold	51	28%
Sell	8	4%
Rating suspended	2	1%
Total	179	

M.M.Warburg & CO KGaA and Warburg Research GmbH research universe by rating, looking only at companies for which a disclosure according to section 34b German Securities Trading Act has to be made:

Rating	Number of stocks	% of Universe
Buy	94	67%
Hold	41	29%
Sell	3	2%
Rating suspended	2	1%
Total	140	



The charts have markings if Warburg Research GmbH changed its rating in the last 12 months. Every marking represents the date and closing price on the day of the rating change.

Warburg Research GmbH

Hermannstraße 9 | 20095 Hamburg | www.warburg-research.com

Tel.: +49 40 309537-0 | Fax: +49 40 309537-110 | info@warburg-research.com

Christian Bruns Head of Research	+49 40 309537-253 cbruns@warburg-research.com
Christian Cohrs	+49 40 309537-175 ccohrs@warburg-research.com
Felix Ellmann	+49 40 309537-120 fellmann@warburg-research.com
Jörg Philipp Frey	+49 40 309537-258 jfrey@warburg-research.com
Ulrich Huwald	+49 40 309537-255 uhuwald@warburg-research.com
Thilo Kleibauer	+49 40 309537-257 tkleibauer@warburg-research.com
Torsten Klingner	+49 40 309537-260 tklingner@warburg-research.com
Eggert Kuls	+49 40 309537-256 ekuls@warburg-research.com
Frank Laser	+49 40 309537-235 flaser@warburg-research.com
Malte Räther	+49 40 309537-185 mraether@warburg-research.com
Andreas Pläsier	+49 40 309537-246 aplaesier@warburg-research.com
Björn Blunck Business Support	+49 40 309537-160 bblunck@warburg-research.com
Daniel Bonn Business Support	+49 40 309537-205 dbonn@warburg-research.com
Annika Boysen Business Support	+49 40 309537-202 aboysen@warburg-research.com



W ARBURG RESEARCH

Henner Rüschmeier Head of Research	+49 40 309537-270 hrueschmeier@warburg-research.com
Roland Rapelius	+49 40 309537-220 rrapelius@warburg-research.com
Jochen Reichert	+49 40 309537-130 jreichert@warburg-research.com
Christopher Rodler	+49 40 309537-290 crodler@warburg-research.com
Malte Schaumann	+49 40 309537-170 mschaumann@warburg-research.com
Susanne Schwartze	+49 40 309537-155 sschwartze@warburg-research.com
Oliver Schwarz	+49 40 309537-250 oschwarz@warburg-research.com
Marc-René Tonn	+49 40 309537-259 mtonn@warburg-research.com
Björn Voss	+49 40 309537-254 bvoss@warburg-research.com
Andreas Wolf	+49 40 309537-140 awolf@warburg-research.com
Stephan Wulf	+49 40 309537-150 swulf@warburg-research.com
Markus Pähler Business Support	+49 40 309537-221 mpaehler@warburg-research.com
Claudia Vedder Business Support	+49 40 309537-105 cvedder@warburg-research.com
Katrin Wauker Business Support	+49 40 309537-200 kwauker@warburg-research.com

M.M. Warburg & CO KGaA

Ferdinandstraße 75 | 20095 Hamburg | www.mmwarburg.com

Tel.: +49 40 3282-0 | Fax: +49 40 3618-1000 | info@mmwarburg.com

Oliver Merckel Head of Sales Trading	+49 40 3282-2634 omerkel@mmwarburg.com
Thekla Struve Sales Trading	+49 40 3282-2668 tstruve@mmwarburg.com
Gudrun Bölsen Sales Trading	+49 40 3282-2679 gboelsen@mmwarburg.com
Bastian Quast Sales Trading	+49 40 3282-2701 bquast@mmwarburg.com
Patrick Schepelmann Sales Trading	+49 40 3282-2700 pschepelmann@mmwarburg.com
Jörg Treptow Sales Trading	+49 40 3282-2658 jtreptow@mmwarburg.com
Andrea Carstensen Sales Assistance	+49 40 3282-2632 acarstensen@mmwarburg.com
Kerstin Tscherner Sales Assistance	+49 40 3282-2703 ktscherner@mmwarburg.com
Katharina Bruns Roadshow / Marketing	+49 40 3282-2694 kbruns@mmwarburg.com



M. M. WARBURG & CO
1798

Holger Nass Head of Equity Sales	+49 40 3282-2669 hnass@mmwarburg.com
Christian Alisch Equity Sales	+49 40 3282-2667 calisch@mmwarburg.com
Robert Conredel Equity Sales	+49 40 3282-2633 rconredel@mmwarburg.com
Matthias Fritsch Equity Sales	+49 40 3282-2696 mfritsch@mmwarburg.com
Michael Kriszun Equity Sales	+49 40 3282-2695 mkriszun@mmwarburg.com
Marc Niemann Equity Sales	+49 40 3282-2660 mniemann@mmwarburg.com
Dirk Rosenfelder Equity Sales	+49 40 3282-2692 drosenfelder@mmwarburg.com
Julian Straube Equity Sales	+49 40 3282-2666 jstraube@mmwarburg.com
Philipp Stumpfegger Equity Sales	+49 40 3282-2635 pstumpfegger@mmwarburg.com