

<div>Hold</div> <div>EUR 9.70</div> <div>Price Upside</div>	(Buy)	<div>Value Indicators:</div> <div>DCF:</div> <div>FCF-Value Potential 19e:</div>	<div>EUR</div> <div>9.80</div> <div>9.50</div>	<div>Share data:</div> <div>Bloomberg:</div> <div>Reuters:</div> <div>ISIN:</div>	<div>SYT GR</div> <div>SYTG</div> <div>DE0005178008</div>	<div>Description:</div> <div>Soft- and hardware for data exchange in industrial plants and automotive electronics</div>		
	(EUR 12.00)							
			<div>Market Snapshot:</div> <div>Market cap:</div> <div>No. of shares (m):</div> <div>EV:</div> <div>Freefloat MC:</div> <div>Ø Trad. Vol. (30d):</div>	<div>EUR m</div> <div>66.4</div> <div>7.3</div> <div>66.9</div> <div>49.1</div> <div>77.88 th</div>	<div>Shareholders:</div> <div>Freefloat</div> <div>Trier Asset Mgmt</div>	<div>74.0 %</div> <div>26.0 %</div>	<div>Risk Profile (WRe):</div> <div>Beta:</div> <div>Price / Book:</div> <div>Equity Ratio:</div> <div>Net Fin. Debt / EBITDA:</div> <div>Net Debt / EBITDA:</div>	<div>2017e</div> <div>1.3</div> <div>1.3 x</div> <div>65 %</div> <div>0.2 x</div> <div>0.5 x</div>

Preliminary Q4; flattish revenues in 2018

Yesterday, Softing released preliminary key figures for 2017.

Softing - Q4 2017

in EUR m	Q4/17	Q4/17e	Δ WRe	Q4/16	yoy	2017	2016	yoy
Sales	20.3	216	-6.1%	21.5	-5.8%	78.7	80.4	-2.1%
EBIT	17	16	8.9%	4.7	-62.8%	2.3	7.2	-67.5%
<i>margin</i>	8.6%	7.4%		218%		3.0%	8.9%	

- Revenues continued to decline in a yoy comparison. From a sequential perspective, there was a slight improvement from EUR 19m reflecting the typical seasonality. The typically strong Q4 is supported by sales of products such as cable testers.
- In its figures release management has already expressed its expectation of flattish 2018 revenues. Thus, our estimates are being lowered.
- Against the backdrop of last year's guidance adjustment we expect the company to issue a conservative guidance. The annual report is scheduled for March 29.
- In 2018, Softing looks set to benefit from a lower cost base. We expect an H2 loaded year 2018.
- As Softing has to return to its revenue growth track record and in view of an EV/EBIT 2018 of approx. 14 the rating is lowered from Buy to Hold.

Changes in Estimates:

FY End: 31.12. in EUR m	2017e (old)	+ / -	2018e (old)	+ / -	2019e (old)	+ / -
Sales	80.0	-1.6 %	83.0	-4.2 %	89.0	-7.1 %
EBITDA	7.4	1.5 %	11.0	-10.6 %	12.5	-15.1 %
EBIT	2.2	4.9 %	6.1	-19.1 %	7.6	-24.8 %
EPS	0.21	4.8 %	0.56	-19.6 %	0.70	-25.7 %

Comment on Changes:

- Estimates are being lowered on the back of a slightly lower 2017 sales level and flattish revenues in 2018.

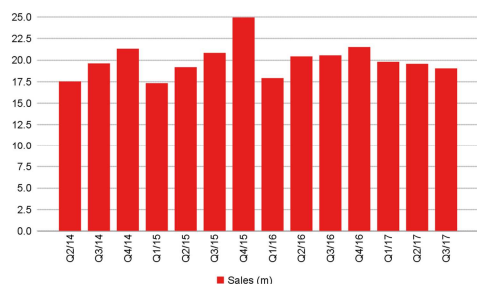


Rel. Performance vs CDAX:

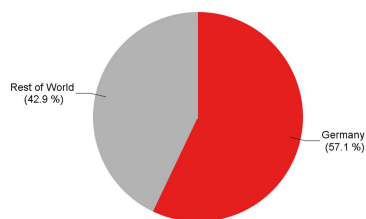
1 month:	-0.6 %
6 months:	-17.3 %
Year to date:	-2.3 %
Trailing 12 months:	-31.1 %

Company events:

FY End: 31.12. in EUR m	CAGR (16-19e)	2013	2014	2015	2016	2017e	2018e	2019e
Sales	0.9 %	52.6	74.5	82.3	80.4	78.7	79.5	82.7
Change Sales yoy		6.4 %	41.8 %	10.4 %	-2.3 %	-2.1 %	1.0 %	4.0 %
Gross profit margin		78.7 %	68.5 %	64.7 %	66.6 %	66.2 %	65.8 %	65.5 %
EBITDA	-4.6 %	9.4	10.1	10.8	12.3	7.5	9.8	10.6
Margin		17.8 %	13.5 %	13.1 %	15.2 %	9.6 %	12.4 %	12.9 %
EBIT	-7.2 %	6.2	5.9	5.5	7.2	2.3	4.9	5.7
Margin		11.8 %	7.9 %	6.6 %	8.9 %	3.0 %	6.2 %	6.9 %
EBIT adj.	-0.3 %	4.6	6.2	6.7	6.6	2.1	5.7	6.5
Net income	-11.1 %	4.3	3.8	4.5	5.7	1.6	3.5	4.0
EPS	-14.1 %	0.69	0.58	0.65	0.82	0.22	0.45	0.52
DPS	14.5 %	0.35	0.25	0.15	0.20	0.22	0.25	0.30
Dividend Yield		3.4 %	1.6 %	1.2 %	1.7 %	2.4 %	2.8 %	3.3 %
FCFPS		0.14	0.15	0.61	0.56	-0.24	0.65	0.33
FCF / Market cap		1.4 %	1.0 %	4.8 %	4.8 %	-2.5 %	7.1 %	3.6 %
EV / Sales		1.0 x	1.6 x	1.2 x	1.1 x	0.9 x	0.9 x	0.8 x
EV / EBITDA		5.7 x	11.8 x	9.4 x	7.3 x	9.7 x	7.1 x	6.5 x
EV / EBIT adj.		11.7 x	19.2 x	15.1 x	13.7 x	34.4 x	12.2 x	10.6 x
EV / EBIT		8.7 x	20.2 x	18.6 x	12.6 x	31.4 x	14.2 x	12.1 x
P / E		15.0 x	26.3 x	19.4 x	14.3 x	41.3 x	20.2 x	17.5 x
FCF Potential Yield		6.8 %	3.6 %	6.6 %	7.5 %	3.6 %	5.8 %	6.7 %
Net Debt		-11.2	18.3	13.9	8.3	3.6	0.5	0.0
ROCE (NOPAT)		32.4 %	11.4 %	8.4 %	10.5 %	2.8 %	6.1 %	7.0 %
Guidance:		2017: revenues ca. EUR 80m; EBIT ca. EUR 2-2.5m						

Sales development
in EUR m


Source: Company

Sales by regions
2016; in %


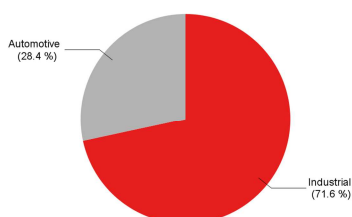
Source: Company

Company Background

- Softing has the necessary expertise on information exchange between various devices, sensors, plant and software solutions in automated processes. The business activity comprises two segments.
- Industrial Automation: hardware and software solutions for the exchange of information in all kinds of production including montage lines, chemical plants, oil and gas extraction or refineries.
- The subsidiary IT Networks is part of the Industrial Automation segment. Its solutions are used to test complex IT networks in industrial automation, office installations and data centers.
- Automotive Electronics: The solutions allow engineers and workshop mechanics to test automotive electronics in the development phase, production or repair and to recognise errors through data evaluation.
- The solutions in the automotive segment are not for application within the vehicles and therefore do not pose a product re-call risk for the company.

Competitive Quality

- World market leader in tools to recognise errors in production plant (so called field bus diagnostics)
- European market leader in the networking of various production plant elements as well as in business-related software (so-called OPC products).
- World market leader in components for the exchange of information in gas and oil plants. Some >50% of all devices registered worldwide that are used in these plants include components from Softing.
- Through participation in international committees that set standards for the exchange of information, a short time-to-market is achieved.
- The high complexity of Softing's business activity is the single most important barrier to market entry for potential competitors.

Sales by segments
2016; in %


Source: Company

DCF model

Figures in EUR m	Detailed forecast period			Transitional period										Term. Value
	2017e	2018e	2019e	2020e	2021e	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	
Sales	78.7	79.5	82.7	86.0	89.3	92.5	95.6	98.8	101.8	104.8	107.7	110.6	112.8	2.0 %
Sales change	-2.1 %	1.0 %	4.0 %	4.0 %	3.8 %	3.6 %	3.4 %	3.3 %	3.1 %	2.9 %	2.8 %	2.7 %	2.0 %	
EBIT	2.3	4.9	5.7	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	6.7 %
EBIT-margin	3.0 %	6.2 %	6.9 %	6.7 %	6.7 %	6.7 %	6.7 %	6.7 %	6.7 %	6.7 %	6.7 %	6.7 %	6.7 %	
Tax rate (EBT)	31.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	5.3
NOPAT	1.6	3.5	4.0	4.0	4.2	4.3	4.5	4.6	4.8	4.9	5.1	5.2	5.3	
Depreciation	5.2	4.9	4.9	5.2	5.4	5.5	5.7	5.9	6.1	6.3	6.5	6.6	6.8	6.0 %
in % of Sales	6.6 %	6.2 %	5.9 %	6.0 %	6.0 %	6.0 %	6.0 %	6.0 %	6.0 %	6.0 %	6.0 %	6.0 %	6.0 %	
Changes in provisions	0.1	0.2	0.0	-0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.4
Change in Liquidity from														
- Working Capital	3.0	-2.1	0.7	-0.3	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	6.8
- Capex	5.6	5.7	5.7	5.2	5.4	5.5	5.7	5.9	6.1	6.3	6.5	6.6	6.8	
Capex in % of Sales	7.1 %	7.2 %	6.9 %	6.0 %	6.0 %	6.0 %	6.0 %	6.0 %	6.0 %	6.0 %	6.0 %	6.0 %	6.0 %	0.0
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)	-1.7	4.9	2.5	3.7	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.9	5
PV of FCF	-1.7	4.6	2.2	3.1	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.3	
share of PVs	6.13 %			30.87 %										63.01 %

Model parameter

Derivation of WACC:		Derivation of Beta:	
Debt ratio	27.00 %	Financial Strength	1.25
Cost of debt (after tax)	2.1 %	Liquidity (share)	1.25
Market return	7.00 %	Cyclicality	1.25
Risk free rate	1.50 %	Transparency	1.25
		Others	1.25
WACC	6.68 %	Beta	1.25

Valuation (m)

Present values 2029e	31		
Terminal Value	53		
Financial liabilities	17		
Pension liabilities	2		
Hybrid capital	0		
Minority interest	0		
Market val. of investments	0		
Liquidity	11	No. of shares (m)	7.7
Equity Value	75	Value per share (EUR)	9.81

Sensitivity Value per Share (EUR)

		Terminal Growth									Delta EBIT-margin						
Beta	WACC	1.25 %	1.50 %	1.75 %	2.00 %	2.25 %	2.50 %	2.75 %	Beta	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.50	7.7 %	7.18	7.36	7.56	7.77	8.00	8.26	8.54	1.50	7.7 %	5.53	6.28	7.02	7.77	8.52	9.26	10.01
1.37	7.2 %	7.95	8.17	8.42	8.69	8.99	9.31	9.68	1.37	7.2 %	6.24	7.06	7.87	8.69	9.51	10.32	11.14
1.31	6.9 %	8.38	8.64	8.91	9.22	9.56	9.93	10.35	1.31	6.9 %	6.65	7.50	8.36	9.22	10.08	10.93	11.79
1.25	6.7 %	8.86	9.14	9.46	9.81	10.19	10.63	11.11	1.25	6.7 %	7.10	8.00	8.90	9.81	10.71	11.61	12.51
1.19	6.4 %	9.38	9.70	10.06	10.46	10.91	11.41	11.98	1.19	6.4 %	7.61	8.56	9.51	10.46	11.41	12.36	13.32
1.13	6.2 %	9.96	10.33	10.74	11.19	11.71	12.30	12.97	1.13	6.2 %	8.17	9.18	10.19	11.19	12.20	13.21	14.22
1.00	5.7 %	11.31	11.79	12.34	12.96	13.67	14.50	15.46	1.00	5.7 %	9.54	10.68	11.82	12.96	14.10	15.25	16.39

- The cyclical components of the business activity and the low liquidity of the share raise capital costs.

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	2013	2014	2015	2016	2017e	2018e	2019e	
Net Income before minorities	4.3	3.8	4.5	5.7	1.6	3.5	4.0	
+ Depreciation + Amortisation	3.2	4.2	5.3	5.1	5.2	4.9	4.9	
- Net Interest Income	-0.1	-0.3	-0.3	-0.2	0.0	0.0	0.0	
- Maintenance Capex	3.9	4.0	3.3	4.2	4.2	4.3	4.3	
+ Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
= Free Cash Flow Potential	3.7	4.3	6.7	6.8	2.6	4.1	4.6	
FCF Potential Yield (on market EV)	6.8 %	3.6 %	6.6 %	7.5 %	3.6 %	5.8 %	6.7 %	
WACC	6.68 %	6.68 %	6.68 %	6.68 %	6.68 %	6.68 %	6.68 %	
= Enterprise Value (EV)	53.7	119.1	101.6	90.0	73.1	70.1	69.5	
= Fair Enterprise Value	54.7	64.6	100.2	101.7	38.9	60.9	69.3	
- Net Debt (Cash)	6.1	6.1	6.1	6.1	1.3	-2.0	-2.5	
- Pension Liabilities	2.2	2.2	2.2	2.2	2.3	2.5	2.5	
- Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
- Market value of minorities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
+ Market value of investments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
= Fair Market Capitalisation	46.4	56.3	91.9	93.4	35.3	60.3	69.3	
Aktienanzahl (Mio.)	6.3	6.6	6.9	7.0	7.3	7.7	7.7	
= Fair value per share (EUR)	7.40	8.53	13.25	13.42	4.83	7.88	9.05	
premium (-) / discount (+) in %					-46.8 %	-13.2 %	-0.3 %	
Sensitivity Fair value per Share (EUR)								
WACC	9.68 %	4.03	4.96	8.33	8.47	3.18	5.68	6.55
	8.68 %	4.63	5.67	9.42	9.58	3.60	6.34	7.30
	7.68 %	5.38	6.55	10.79	10.97	4.13	7.17	8.25
	6.68 %	6.35	7.70	12.58	12.78	4.83	8.26	9.48
	5.68 %	7.67	9.26	14.99	15.23	5.76	9.72	11.15
	4.68 %	9.55	11.48	18.44	18.73	7.10	11.82	13.53
	3.68 %	12.45	14.91	23.76	24.12	9.16	15.05	17.21

■ Capitalised own work is a significant element of the capex.

Valuation							
	2013	2014	2015	2016	2017e	2018e	2019e
Price / Book	2.5 x	2.7 x	2.1 x	1.7 x	1.3 x	1.2 x	1.2 x
Book value per share ex intangibles	2.55	-0.57	0.00	0.55	1.47	1.66	1.93
EV / Sales	1.0 x	1.6 x	1.2 x	1.1 x	0.9 x	0.9 x	0.8 x
EV / EBITDA	5.7 x	11.8 x	9.4 x	7.3 x	9.7 x	7.1 x	6.5 x
EV / EBIT	8.7 x	20.2 x	18.6 x	12.6 x	31.4 x	14.2 x	12.1 x
EV / EBIT adj.*	11.7 x	19.2 x	15.1 x	13.7 x	34.4 x	12.2 x	10.6 x
P / FCF	72.4 x	99.3 x	20.8 x	20.9 x	n.a.	14.1 x	27.8 x
P / E	15.0 x	26.3 x	19.4 x	14.3 x	41.3 x	20.2 x	17.5 x
P / E adj.*	15.0 x	26.3 x	19.4 x	14.3 x	41.3 x	20.2 x	17.5 x
Dividend Yield	3.4 %	1.6 %	1.2 %	1.7 %	2.4 %	2.8 %	3.3 %
FCF Potential Yield (on market EV)	6.8 %	3.6 %	6.6 %	7.5 %	3.6 %	5.8 %	6.7 %
*Adjustments made for: -							

Company Specific Items							
	2013	2014	2015	2016	2017e	2018e	2019e
order entries	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
book-to-bill	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
order book	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Consolidated profit & loss

In EUR m	2013	2014	2015	2016	2017e	2018e	2019e
Sales	52.6	74.5	82.3	80.4	78.7	79.5	82.7
Change Sales yoy	6.4 %	41.8 %	10.4 %	-2.3 %	-2.1 %	1.0 %	4.0 %
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Own work capitalised	4.0	3.9	2.8	4.5	4.2	3.2	3.2
Total Sales	56.5	78.5	85.1	84.9	82.9	82.7	85.9
Material expenses	15.2	27.4	31.9	31.4	30.8	30.4	31.7
Gross profit	41.3	51.1	53.2	53.6	52.1	52.3	54.1
Gross profit margin	78.7 %	68.5 %	64.7 %	66.6 %	66.2 %	65.8 %	65.5 %
Personnel expenses	25.8	32.1	33.6	35.1	33.8	33.5	33.0
Other operating income	0.7	0.8	2.8	5.3	2.4	2.0	1.5
Other operating expenses	6.8	9.7	11.7	11.5	13.2	11.0	12.0
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	9.4	10.1	10.8	12.3	7.5	9.8	10.6
Margin	17.8 %	13.5 %	13.1 %	15.2 %	9.6 %	12.4 %	12.9 %
Depreciation of fixed assets	0.5	0.6	0.8	0.8	0.7	0.4	0.4
EBITA	8.9	9.5	10.0	11.4	6.8	9.4	10.2
Amortisation of intangible assets	2.7	3.7	4.5	4.3	4.5	4.5	4.5
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	6.2	5.9	5.5	7.2	2.3	4.9	5.7
Margin	11.8 %	7.9 %	6.6 %	8.9 %	3.0 %	6.2 %	6.9 %
EBIT adj.	4.6	6.2	6.7	6.6	2.1	5.7	6.5
Interest income	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Interest expenses	0.2	0.4	0.3	0.2	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	6.2	5.6	5.2	7.0	2.3	4.9	5.7
Margin	11.7 %	7.5 %	6.3 %	8.7 %	3.0 %	6.2 %	6.9 %
Total taxes	1.9	1.8	0.7	1.3	0.7	1.5	1.7
Net income from continuing operations	4.3	3.8	4.5	5.7	1.6	3.5	4.0
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	4.3	3.8	4.5	5.7	1.6	3.5	4.0
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income	4.3	3.8	4.5	5.7	1.6	3.5	4.0
Margin	8.2 %	5.1 %	5.4 %	7.1 %	2.0 %	4.3 %	4.9 %
Number of shares, average	6.3	6.6	6.9	7.0	7.3	7.7	7.7
EPS	0.69	0.58	0.65	0.82	0.22	0.45	0.52
EPS adj.	0.69	0.58	0.65	0.82	0.22	0.45	0.52

*Adjustments made for:

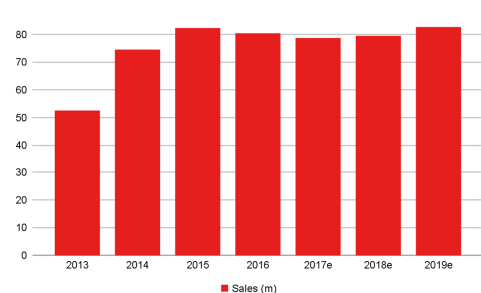
Guidance: 2017: revenues ca. EUR 80m; EBIT ca. EUR 2-2.5m

Financial Ratios

	2013	2014	2015	2016	2017e	2018e	2019e
Total Operating Costs / Sales	89.7 %	91.7 %	90.3 %	90.4 %	95.8 %	91.7 %	91.0 %
Operating Leverage	4.1 x	-0.1 x	-0.7 x	-13.5 x	31.5 x	110.0 x	4.1 x
EBITDA / Interest expenses	45.7 x	23.3 x	33.3 x	49.4 x	75.3 x	98.3 x	106.3 x
Tax rate (EBT)	30.2 %	32.3 %	14.0 %	18.1 %	31.0 %	30.0 %	30.0 %
Dividend Payout Ratio	51.1 %	43.4 %	23.2 %	24.4 %	100.1 %	55.4 %	57.2 %
Sales per Employee	155,936	181,345	191,744	178,720	183,023	178,652	181,714

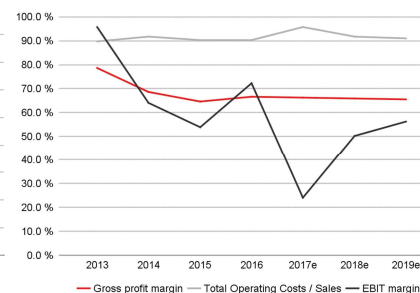
Sales, EBITDA

in EUR m

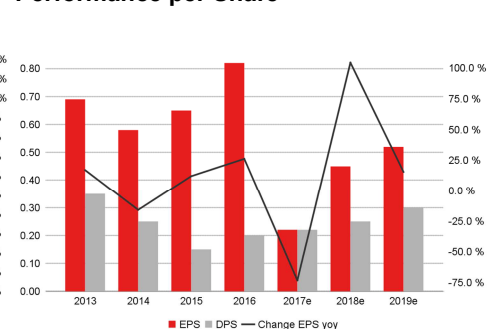


Operating Performance

in %



Performance per Share



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

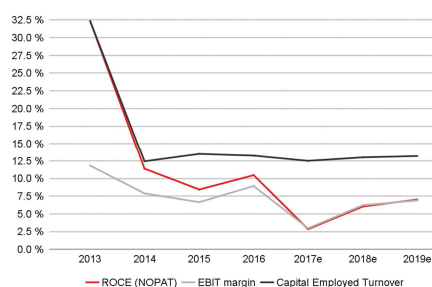
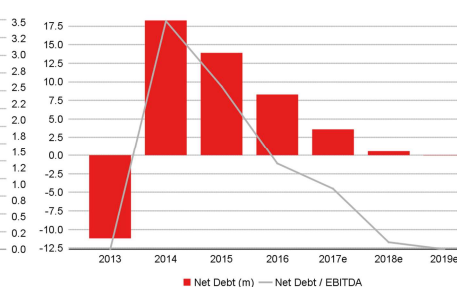
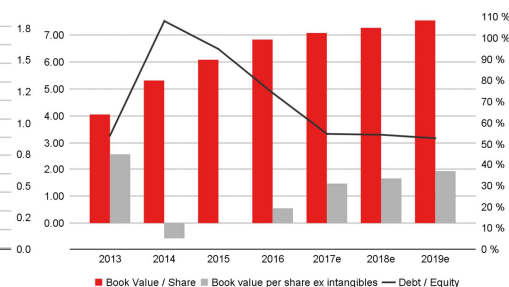
Consolidated balance sheet

In EUR m	2013	2014	2015	2016	2017e	2018e	2019e
Assets							
Goodwill and other intangible assets	9.7	41.0	42.4	43.8	43.0	43.0	43.0
thereof other intangible assets	0.5	18.1	18.9	18.2	17.1	16.1	15.0
thereof Goodwill	2.4	14.5	15.2	15.5	14.7	14.7	14.7
Property, plant and equipment	1.4	1.9	2.4	2.3	2.7	3.5	4.3
Financial assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other long-term assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fixed assets	11.1	42.9	44.7	46.0	45.6	46.4	47.3
Inventories	4.7	8.7	9.3	9.2	8.9	9.0	9.4
Accounts receivable	10.0	14.2	15.4	12.6	14.7	12.6	13.1
Liquid assets	12.9	8.8	9.2	10.9	11.0	14.3	14.9
Other short-term assets	1.5	2.4	3.8	4.2	3.6	3.6	3.6
Current assets	29.1	34.1	37.7	36.9	38.3	39.5	41.0
Total Assets	40.2	77.0	82.5	82.9	83.9	86.0	88.3
Liabilities and shareholders' equity							
Subscribed capital	6.4	7.0	7.0	7.0	7.7	7.7	7.7
Capital reserve	4.4	12.3	12.3	12.3	12.3	12.3	12.3
Retained earnings	15.6	18.0	23.1	28.4	30.0	33.4	37.4
Other equity components	-0.3	-0.2	0.0	0.0	4.3	2.3	0.4
Shareholders' equity	26.2	37.0	42.4	47.6	54.2	55.7	57.8
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total equity	26.1	37.0	42.3	47.6	54.2	55.6	57.7
Provisions	2.3	3.9	4.1	4.7	4.9	5.4	5.4
thereof provisions for pensions and similar obligations	1.5	2.2	1.9	2.2	2.3	2.5	2.5
Financial liabilities (total)	0.2	24.8	21.2	16.9	12.3	12.3	12.3
thereof short-term financial liabilities	0.0	7.0	5.5	10.3	10.3	10.3	10.3
Accounts payable	2.5	4.2	6.3	5.9	4.7	4.8	5.0
Other liabilities	9.0	7.1	8.5	7.8	7.8	7.8	7.8
Liabilities	14.1	40.0	40.1	35.3	29.8	30.4	30.6
Total liabilities and shareholders' equity	40.2	77.0	82.5	82.9	83.9	86.0	88.3

Financial Ratios

	2013	2014	2015	2016	2017e	2018e	2019e
Efficiency of Capital Employment							
Operating Assets Turnover	3.9 x	3.6 x	4.0 x	4.4 x	3.7 x	3.9 x	3.8 x
Capital Employed Turnover	3.5 x	1.3 x	1.5 x	1.4 x	1.4 x	1.4 x	1.4 x
ROA	38.9 %	8.9 %	10.0 %	12.4 %	3.5 %	7.4 %	8.5 %
Return on Capital							
ROCE (NOPAT)	32.4 %	11.4 %	8.4 %	10.5 %	2.8 %	6.1 %	7.0 %
ROE	17.9 %	12.0 %	11.3 %	12.7 %	3.2 %	6.3 %	7.1 %
Adj. ROE	17.9 %	12.0 %	11.3 %	12.7 %	3.2 %	6.3 %	7.1 %
Balance sheet quality							
Net Debt	-11.2	18.3	13.9	8.3	3.6	0.5	0.0
Net Financial Debt	-12.7	16.1	12.0	6.1	1.3	-2.0	-2.5
Net Gearing	-42.9 %	49.4 %	32.8 %	17.4 %	6.7 %	1.0 %	-0.1 %
Net Fin. Debt / EBITDA	n.a.	159.4 %	112.0 %	49.4 %	17.3 %	n.a.	n.a.
Book Value / Share	4.1	5.3	6.1	6.8	7.1	7.3	7.5
Book value per share ex intangibles	2.6	-0.6	0.0	0.6	1.5	1.7	1.9

ROCE Development

Net debt
in EUR mBook Value per Share
in EUR

Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

Consolidated cash flow statement

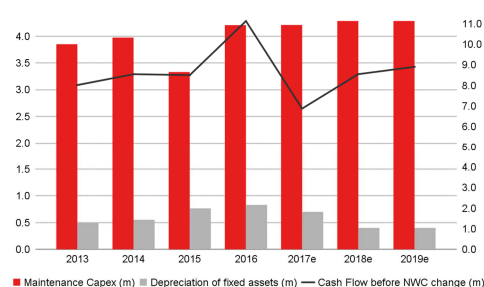
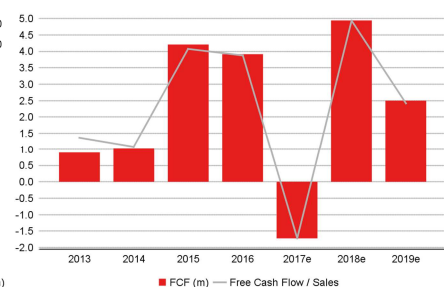
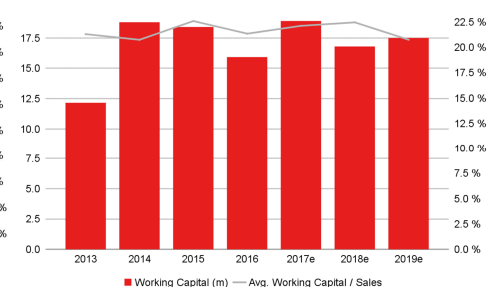
In EUR m	2013	2014	2015	2016	2017e	2018e	2019e
Net income	4.3	3.8	4.5	5.7	1.6	3.5	4.0
Depreciation of fixed assets	0.5	0.6	0.8	0.8	0.7	0.4	0.4
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	2.7	3.7	4.5	4.3	4.5	4.5	4.5
Increase/decrease in long-term provisions	-0.1	0.0	0.0	0.0	0.1	0.2	0.0
Other non-cash income and expenses	0.7	0.5	-1.3	0.3	0.0	0.0	0.0
Cash Flow before NWC change	8.0	8.5	8.5	11.1	6.9	8.6	8.9
Increase / decrease in inventory	-1.3	-1.6	-0.6	0.1	0.3	-0.1	-0.4
Increase / decrease in accounts receivable	-0.2	-0.7	-1.2	2.8	-2.1	2.1	-0.5
Increase / decrease in accounts payable	-0.4	-0.9	1.7	-0.8	-1.2	0.1	0.2
Increase / decrease in other working capital positions	-0.1	0.9	0.2	-3.7	0.0	0.0	0.0
Increase / decrease in working capital (total)	-2.0	-2.2	0.1	-1.6	-3.0	2.1	-0.7
Net cash provided by operating activities [1]	6.0	6.3	8.6	9.5	3.9	10.7	8.2
Investments in intangible assets	-4.6	-3.9	-2.8	-4.5	-4.5	-4.5	-4.5
Investments in property, plant and equipment	-0.5	-1.4	-1.7	-1.1	-1.1	-1.2	-1.2
Payments for acquisitions	0.0	-21.9	-1.3	-0.9	0.0	0.0	0.0
Financial investments	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.2	0.8	0.0	0.0	0.0	0.0	0.0
Net cash provided by investing activities [2]	-4.9	-26.4	-5.8	-6.5	-5.6	-5.7	-5.7
Change in financial liabilities	0.0	10.6	-1.7	-0.2	-4.6	0.0	0.0
Dividends paid	-1.7	-1.3	-1.7	-1.0	-1.4	-1.7	-1.9
Purchase of own shares	1.3	0.5	1.1	0.0	0.0	0.0	0.0
Capital measures	0.0	7.5	0.0	0.0	7.9	0.0	0.0
Other	-0.1	-0.3	-0.2	-0.2	0.0	0.0	0.0
Net cash provided by financing activities [3]	-0.5	17.0	-2.6	-1.4	1.9	-1.7	-1.9
Change in liquid funds [1]+[2]+[3]	0.6	-3.1	0.3	1.6	0.2	3.3	0.6
Effects of exchange-rate changes on cash	0.0	0.1	0.1	0.1	0.0	0.0	0.0
Cash and cash equivalent at end of period	12.1	9.1	9.2	10.9	11.0	14.3	14.9

Financial Ratios

	2013	2014	2015	2016	2017e	2018e	2019e
Cash Flow							
FCF	0.9	1.0	4.2	3.9	-1.7	4.9	2.5
Free Cash Flow / Sales	1.7 %	1.4 %	5.1 %	4.9 %	-2.2 %	6.2 %	3.0 %
Free Cash Flow Potential	3.7	4.3	6.7	6.8	2.6	4.1	4.6
Free Cash Flow / Net Profit	20.8 %	26.7 %	93.8 %	68.6 %	-107.2 %	143.1 %	62.3 %
Interest Received / Avg. Cash	1.2 %	1.5 %	0.6 %	0.6 %	0.9 %	0.8 %	0.7 %
Interest Paid / Avg. Debt	56.9 %	3.5 %	1.4 %	1.3 %	0.7 %	0.8 %	0.8 %
Management of Funds							
Investment ratio	9.8 %	7.1 %	5.4 %	7.0 %	7.1 %	7.2 %	6.9 %
Maint. Capex / Sales	7.3 %	5.3 %	4.0 %	5.2 %	5.3 %	5.4 %	5.2 %
Capex / Dep	162.5 %	125.8 %	84.1 %	110.0 %	107.9 %	116.6 %	116.6 %
Avg. Working Capital / Sales	21.3 %	20.8 %	22.6 %	21.3 %	22.1 %	22.5 %	20.7 %
Trade Debtors / Trade Creditors	396.0 %	339.9 %	244.0 %	214.0 %	312.8 %	262.5 %	262.0 %
Inventory Turnover	3.3 x	3.1 x	3.4 x	3.4 x	3.5 x	3.4 x	3.4 x
Receivables collection period (days)	70	70	68	57	68	58	58
Payables payment period (days)	61	56	72	68	56	58	57
Cash conversion cycle (Days)	73	83	54	56	70	68	68

CAPEX and Cash Flow

in EUR m


Free Cash Flow Generation

Working Capital


Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

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Softing	3, 4, 5, 6	http://www.mmwarburg.com/disclaimer/disclaimer_en/DE0005178008.htm

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-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.
“-“	Rating suspended:	The available information currently does not permit an evaluation of the company.

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Rating	Number of stocks	% of Universe
Buy	112	54
Hold	89	43
Sell	5	2
Rating suspended	0	0
Total	206	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	32	78
Hold	9	22
Sell	0	0
Rating suspended	0	0
Total	41	100

PRICE AND RATING HISTORY SOFTING AS OF 08.03.2018


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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