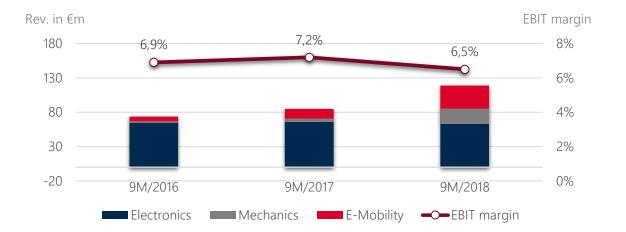
paragon_®

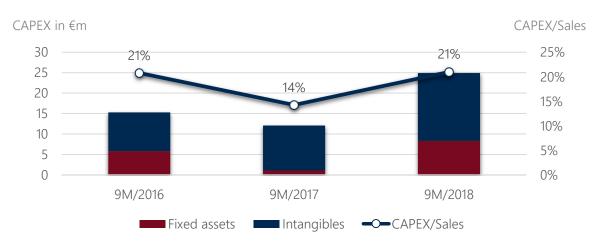




Key aspects and successes from nine months 2018

- _ Continued top line growth +40%
- _ Automotive sector sales up 20%
- No significant influence of current problems in the automotive sector (Diesel scandal, WLTP issue, trade war China <> USA, ...)
- _ Main driver E-Mobility and Mechanics sales almost tripled
- _ Group EBIT margin of 6.5%
- _ CAPEX € 25m / Available liquidity € 73.5m
- _ Revenue and profitability outlook confirmed for FY 2018 (rev.: € 180-185m, EBIT margin 8%)







Group in figures (as of Sep. 30, 2018)*



* Unaudited interim report 2018.

** Xetra closing price as of Sep. 30, 2018.

*** Number at balance sheet date Sep. 30, 2018 (incl. 88 temporary workers).



Corporate bond postponed

Summer 2018

- Bond market bullish
- Lower coupon envisioned
- _ 6 years term possible



Opportunity to optimize financial structure

Fall 2018

- Negative sentiment in financial market
- Bad news in automotive sector
- _ Sweeping judgement in regards of automotive

Possible reaction:

- Reduction of volume of bond
- Shorter terms
- _ Much higher coupon

- Not attractive for us
- No consequences expected
- Terms and structures of financing are oriented long-term and robust



Financial status

Intended bond	Current financing
Refinancing of SemVox-acquisition	Done from other sources
Financing of growth in automotive	Expanded credit lines / leasing
Planned construction of buildings in Delbrück	Conventional real estate financing (H2/2019)
Refinancing of investment in real estate (Landsberg am Lech, Limbach-Kirkel)	Conventional real estate financing (favorable loan agreements ready for signing)
Further improvement of current financing structures	Not critical, but promising projects with banks and leasing companies
General corporate financing	Not critical



Latest M&A activities

New business unit "Digital Assistance": SemVox GmbH (Saarbrücken, now: paragon semvox GmbH)

- Technologically leading software developer and technology supplier for proactive assistants based on AI and machine learning
- Developmental edge believed to be 3+ years
- In the future, the division will enable customers to develop their own intelligent assistants using the platform supplied by paragon
- Now beginning non-automotive business

Pioneer

First market launch of an empathic Al assistant -SemVox is the leading B2B technology provider for proactive, Al-based assistants

Technological depth

Significantly greater functional scope of SemVox technology than competitive solutions in the digital assistance market

USP

Unique combination of knowledgebased system and semantic representation of information (user <> background services)

Market penetration

Various orders from the German automotive industry have been received



Data control

All functions of the technology are offered both embedded and cloud-based - OEMs retain full control over the data

Perfect complement for paragon

SemVox perfectly complements paragon's system provider approach: OEMs get speech assistance systems from paragon as end-to-end solutions



Latest M&A activities

Acquisition of LPG Lautsprecher-Produktions-Gesellschaft mbH (Neu-Ulm, now: paragon electroacoustic GmbH) in order to expand the value chain in the Interior business unit and to enlarge the technology base for acoustics solutions.

Close partner of

various automobile manufacturers, such as BMW, Volkswagen, Opel and Rolls Royce

for many years

LPG's external sound speakers

address an important safety aspect in the mobility of tomorrow

The product portfolio mainly includes tweeters and cone loudspeakers that are used especially in the

automotive industry





PACAGON®

Latest M&A activities of Voltabox



Concurrent Design, Inc. (Austin, TX, USA)

 Engineering service provider with highly-skilled staff – facilitates development of complex battery systems





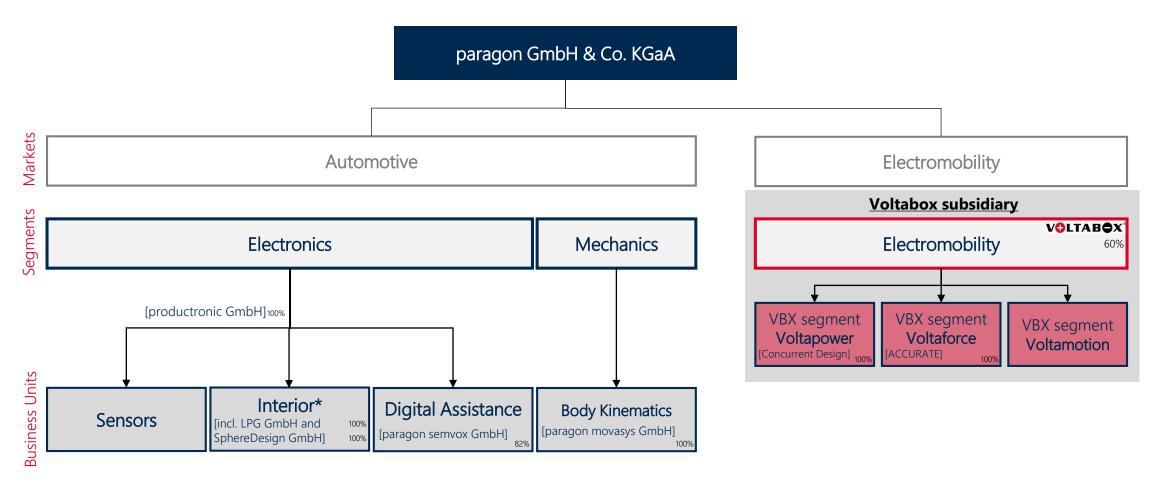
ACCURATE SMART BATTERY SYSTEMS GmbH (Korntal-Münchingen)

 Manufacturer of Li-lon battery packs for several mass market applications (i.e. pedelecs) – facilitates horizontal diversification





Group structure



^{*} Comprises former Cockpit and Acoustics business units.



The paragon principle – business strategy

- _ Growth strategy: early entry into high margin/fast growing market segments
- _ Key technologies for and geared to megatrends
- _ Interdisciplinary team of experts (electronics, mechanics, chemistry, production technology)
- Pioneering and active product development
- Excellence in mass production (high degree of automation)
- Unique product portfolio and market position

Mission Statement

Early occupation
of high-margin niches
in premium market
segments with
enabling technology
for existing megatrends!



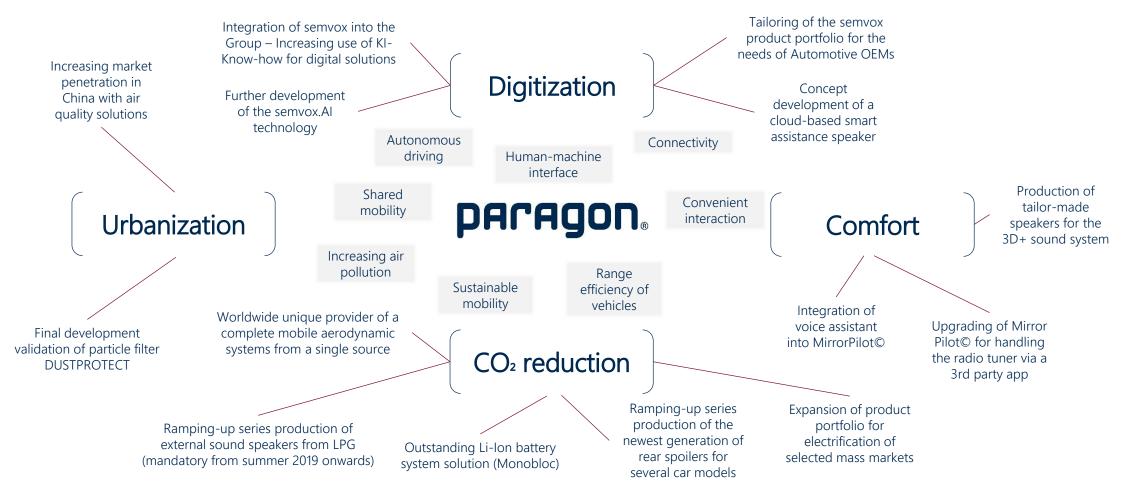
Established Tier1 partner

Selection of OEM customers:





Push automotive mega trends





Business unit Sensorics



AQS® Air Quality Sensors



Particle Sensors (PM 2.5)
DUSTDETECT



CO₂ Sensors



Electrical Particlefilters DUSTPROTECT



AQI® Ionair Air Improvement Systems



Odorifier Fragrance Systems



Business unit Interior/Acoustics



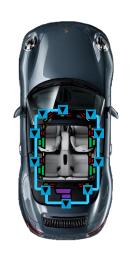
belt-mic®



Soundsystems



Speechcontrol Microphons



In-car Communication



Noise Microphones

Noise Suppression



Business unit Interior/Cockpit



Instrumentation



MirrorPilot®



Wireless Charging



Car Sharing Modules



Touch Controls



Shift Paddles



Business unit Body-Kinematics



Spoiler Systems



Kinematics



Windblockers



Interior Tables



Rolls Royce: Spirit of Ecstasy (Emily)



Seat Cushion Adjusters



Business unit Digital Assistance



Embedded Speech Assistant



Hybrid Speech Assistance



KI based Interaction



Key figures I

Cost of materials ratio*

at 56.4%

slightly increased (9M/2017: 52.7%)

- Higher sales contribution of paragon movasys (with higher cost of materials ratio than Group average)
- Lower share of development revenues in the Cockpit division

Personnel expense ratio

at 30.2%

remains stable (9M/2017: 30.4%)

EBITDA

up 36.3%

margin now 14.5% (9M/2017: 14.9%)

EBIT

up 25.4%

margin now 6.5% (9M/2017: 7.2%)

- > (Decreasing) ramp-up costs in Mechanics segment
- > Upfront personnel expenses in E-Mobility segment

Increasing profitability expected in Q4/2018

* Defined as: cost of materials / (revenues + changes in inventories).



Key figures II

Equity ratio

solid at 53.8%

(Dec. 31, 2017: 56.8%)

Operating cash flow

reduced to € -35.4m

(9M/2017: € -3.2m)

Available liquidity*

€ 73.5m

(Dec. 31, 2017: € 166.8m)

Sales financing support for main Voltabox partner (limited to FY 2018)

Increased inventory for ramping-up production

Subsequent to SemVox acquisition

^{*} Defined as: cash and cash equivalents + unused credit lines with principal banks.



Free

Cashflow:

€ -88.9m (Previous year:

€ -16.0m)

Key figures III

- Large increase in trade receivables owing to very good business development in the Voltapower segment and sales financing support for main Voltabox partner (limited to 2018)
- _ Increase in inventories enabling fast deliveries to the intralogistics market in the Electromobility segment
- One-time increase in cash flow from investing activities due to M&A (Concurrent Design, Accurate and SemVox



(Previous year: € -3.2m)

Cash flow from operating activities*

€ -53.5m

(Previous year: € -12.9m)

Cash flow from investment activities*

€ 8.2m

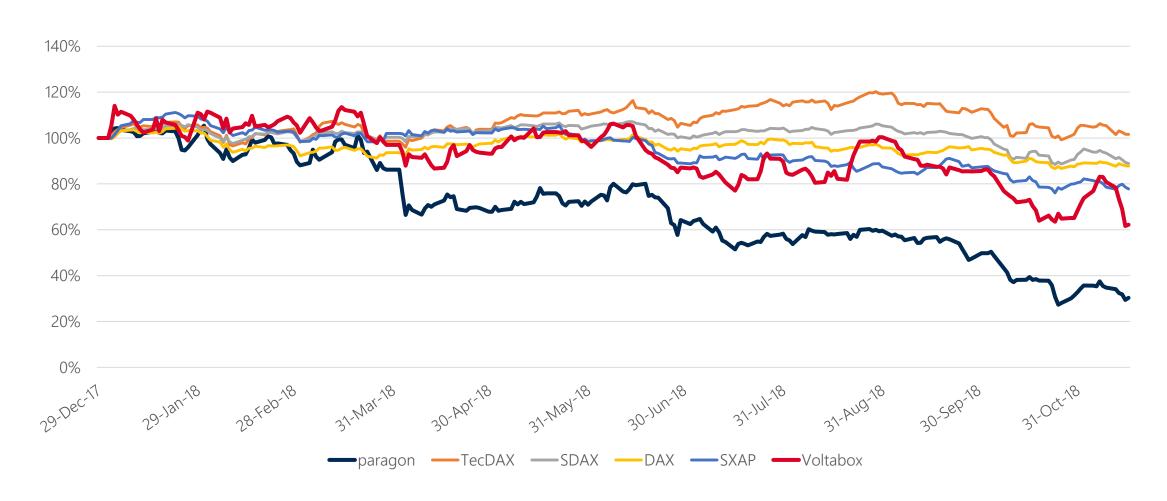
(Previous year: € 35.6m)

Cash flow from financing activities*

* 9M 2018.



Share performance in 2018





Market capitalization vs. company growth

E 22.15(November 24)
(market cap: €100.3m)*

2015

2018 (November 23)
(market cap: €103.2m)

9m results 2015	Group Key Figures	9m results 2018
€ 67.4m	Revenues +76.4%	€ 118.8m
€ 4.6m	EBIT +67.4%	€ 7.7m
6.8 %	EBIT margin constant	6.5 %
€ 17.9m	Equity +895%	€ 178.2m
20.7 %	Equity ratio +160%	53.8 %
€ 34.5m	Net debt -36.2%	€ 22.0m
€ 86.4m	Total assets +283%	€ 331.0m

^{*} Adjusted to 10% capital increase in Q4/2016.



Market capitalization vs. company growth

E 22.15(November 24)
(market cap: €100.3m)*

2015

€ 22.80 2018 (November 23) (market cap: €103.2m)

9m results 2015**	Group Key Figures	9m results 2018***
€ 6.6m	Operating cash flow	€ -35.4m
€ 18.7m	Free cash flow	€ -88.9m
€ 0.7m	Net Working Capital	<i>€ -47.4m</i>
€ 3.2m	thereof Receivables,	<i>€ -25.0m (huge sales increase 2018, Triathlon 2018-terms****)</i>
<i>€ -9.5m</i>	Inventory and	€ -27.9m (see other page)
<i>€ 7.1 m</i>	Liabilities	<i>€ 5.4m</i>
€ -24.0m	+CAPEX	€ -24.9m
€ -1.2m	+M&A	€ -28.6m

* Adjusted to 10% capital increase in Q4/2016.

** From 31.12.2014 to 30.09.2015.

*** From 31.12.2017 to 30.09.2018.

**** One-time effect.



Market capitalization vs. company growth

€ 22.15(November 24)
(market cap: €100.3m)*

7	
2018	(November 23) (market cap: €103.2m)
	(Market Cap. € 105.2111)

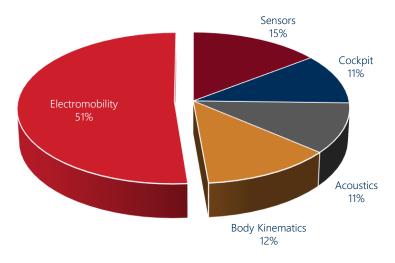
thereof	Inventory increased from 31.12.2017 to 30.11.2018	€ 27.9m
paragon / productronic / Kunshan	Circulation of packages (€ 0.2m) and toolings (€ 0.7m), product launches in China (€ 0.1m)	€ 1.2m
	Preproduction i.a. due to reconstruction of microphone line	<i>€ 4.4m</i>
paragon movasys	Product launch AMG/Porsche (€ 2m), storage of discontinued material (€ 0.6m), Preproduction due to relocation (€ 1.6m), first consolidation of finished goods at HS Genion (€ 2.5m*)	€ 8.8m
Voltabox	Increased inventory (mainly cells € 5.0m, orders from Komatsu/Kiepe € 0.9m), building inventory of finished goods for intralogistics (€ 6.4m)	€ 12.5m
ACCURATE	First consolidation after acquisiton, small sales contribution	<i>€ 0.9m</i>
	One-time effect	€ 26.1m

^{*} First consolidation of other inventory of HS Genion on 31.12.2017 (€ 5.5m).

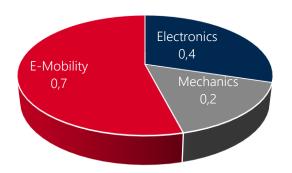


60-months order backlog

60-months order backlog (€ 2bn) as of June 30, 2018 by segments/units



60-months order backlog with 100% weighting as of June 30, 2018 [in €bn]



- _ Approx. € 2bn total 60-month order backlog (H1/2017: € 1.6bn)
 - Estimated order backlog is weighted according to the expected lifetime and the probability of occurrence
 - Serves as base for planning
 - Evaluation system in place since IPO in FY 2000
- _ Thereof approx. € 1bn attributable to Voltabox (H1/2017: € 0.8bn)



Current forecast

PGN	Result 2017	Year-to-date/	Forecast 2018		
	12 Months	H1/2018	As of Mar. 9, 2018	As of Aug. 21, 2018	
Group revenue	€ 124.8m	€ 78.6m	Approx. € 175m	€ 180 – 185m	4
EBIT margin (unadjusted)	6.1%	6.1%	Approx. 9%	Approx. 8%*	
Investments	€ 37.7m	€ 15.9m	Approx. € 35m	Approx. € 35m	
			Forecast 2018		
VBX	Result 2017	Year-to-date/	Foreca	ast 2018	
VBX	Result 2017 12 Months	Year-to-date/ H1/2018	Foreca As of Mar. 9, 2018	As of Aug. 21, 2018	
VBX Group revenue					
	12 Months	H1/2018	As of Mar. 9, 2018	As of Aug. 21, 2018	

^{*} Considering € 2m add. expenses from rearrangement of intralogistics partner agreement.

Market positioning



Shifting from component to system provider

Electronics

- Long-standing OEM relations and well filled product pipeline
- _ Business units "Cockpit" and "Acoustic" merged into "Interior" Division
- New business unit "Digital Assistance"

Mechanics

- _ Full service provider for complete active mobile aerodynamic systems
- High-class base of development resources for future innovations
- _ Dominant world market position

E-Mobility

- Modular concept: short time to market at minimum development costs
 - Rearrangement of intralogistics partner agreement required for targeted market leadership
- Business development: one-stop solution provider for full electrification

Market positioning



Summary

Much faster growth than automotive sector

paragon Automotive +20%

- _ Increasing disengagement of sector constraints
- No additional risks seen coming from e.g. US politics, Diesel scandal, WLTP bottlenecks

Robust order backlog

€ 2bn. (60 months)

_ Thereof € 1.3bn. weighted with 100% (signed orders and framework agreements)

Significant growth in E-Mobility and Mechanics with economies of scale driving profitability

Operating leverage

Upfront CAPEX (development and PP&E) facilitate sustainable profitability

