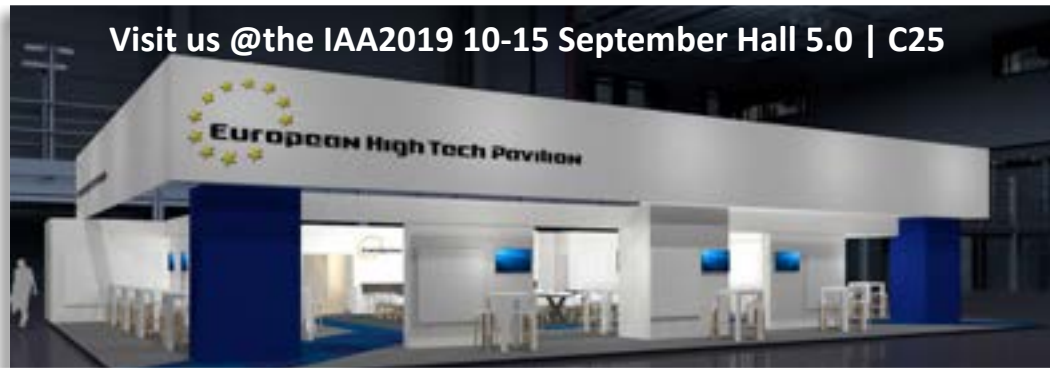
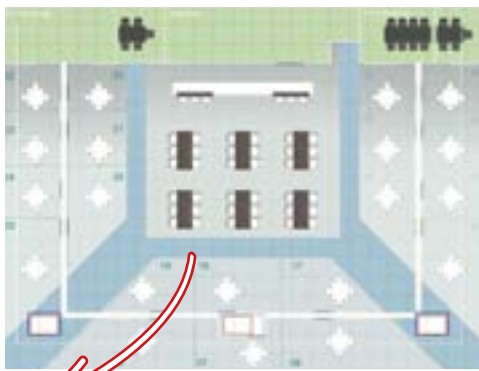


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	Company	Website	Exhibitor technology overview
2	Mapvision	www.mapvision.fi	Change Automotive Industry in-line inspection forever with: 100% In-line Inspection, Measure everything, Waste nothing, Save time and money.
3	Schmiedetechnik Plettenberg GmbH & Co. KG	www.STPlettenberg.de	Forged and machined high-precision components for gearboxes and engines for automotive and non-automotive customers worldwide.
4	Bielomatik Leuze GmbH + Co. KG	www.bielomatik.com	Plastic welding & Lubrication systems.
5	Eltek Group S.p.A.	www.eltekgroup.it	Research, design, development & production of mechatronic components for the Automotive & Appliance sectors as well as the Medical industry. Furthermore advanced research in the field of nano-biotechnology.
6	Vialle Autogas Systems BV	www.vialle.nl	Alternative Fuel Systems, such as the most advanced autogas-system worldwide: "DirectBlue". This -patented-system allows smooth switching between petrol and autogas, -specifically developed for direct injection petrol engines- is a reliable technology that injects the autogas in liquid phase directly in the cylinders -similar to petrol- maintaining fully the engine performance.
7	Akurate GmbH	www.akurate.de	Fully automatic, high-speed -in-line- integrated dimension control systems to secure the processquality.
8	AWL-Techniek B.V.	www.awl.nl	Global operating systems integrator of automated high-tech machinery, securing high productivity of the automotive OEM, First- & second Tiers production process through smart and reliable solutions in the field of advanced automation, robotics and joining technologies.
9	SERO GmbH	www.sero.de	SERO is one of the top manufacturing service providers in the German EMS industry. The IATF 16949 certified company develops and manufactures electronic assemblies and systems for a broad range of applications in both automotive and industrial use, like LED-PCBA's, sensor and power modules, control units, CAN modules etc.
10	KNIPPING KUNSTSTOFFTECHNIK GESSMANN GmbH	www.Gessmann.de	Design & Production of complex thermoplastic and Thermoset technical parts, combined with metal insert technology for the Automotive- and Electrical industry, with specialism in automotive electrical systems, vehicle interior, engine & gearing mechanisms.
11	Recticel Automobilsysteme GmbH	www.recticel.com	Global operating specialist in Automotive Interiors and Seating, supporting the industry to reduce fuel energy by weight saving technology.
12	AND Products B.V.	www.and.com	AND creates and delivers market leading, relevant, innovative and tailored location-aware content which fosters a safer and more sustainable world.

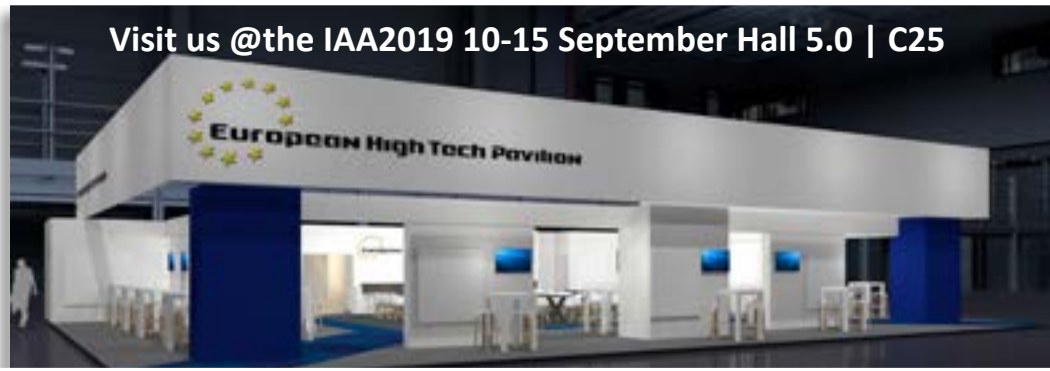
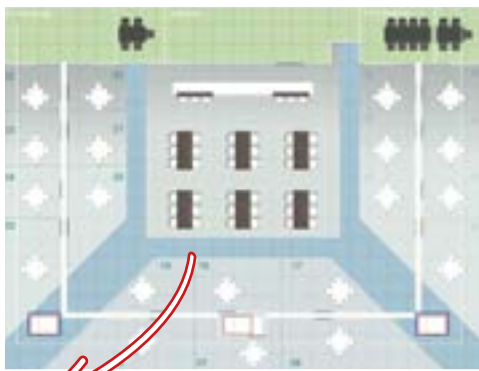
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	Company	Website	Exhibitor technology overview
14	Odenwald-Chemie GmbH		Producer of foam and fleece system for the Automotive, Construction and general Industry used for sealing against water, air and dust. They are applied for thermal insulation and acoustic absorption as well as for insulation in general.
15	Aeristech	www.aeristech.co.uk	Producer of: <ul style="list-style-type: none"> • Electric Superchargers (eSuperchargers) as a solution to turbo lag, enabling more engine downsizing and CO2 savings from a simpler and less costly charging system. • FullElectric Turbochargers making it possible to mechanically decouple the turbine from the compressor and transfer power between the two through an electrical connection. • Fuel Cell Air Compressors to deliver a constant air pressure regardless of changes in air flow or variation in input voltage, allowing them to be powered directly by the fuel cell without intermediate voltage regulation.
16	Progress Europe Automotive Innovations B.V.	www.progresseurope.nl/nl	Number ONE partner in developing private label components and all kinds of exterior accessories, often fitted with your own name or logo, such as: Running boards, side mouldings, Body kits, Front- and rear spoilers, Sideskirts, etc.
17	Friedrich Graepel AG	www.graepel.de	Highly innovative specialist for pre-finished solutions made of sheet metal including TaylorMade surface protection, such as: -Metal gratings, primarily serve as a safe surface under your feet, Ventilation & protective grilles & Outdoor panels and coverings.
18	IMS	www.ims-nl.com	Development and manufacturing of automated production lines for small assemblies (e.g. micro-optics and sensors). High accuracy positioning & various assembly processes.
19	Actuator Solutions GmbH	www.actuatorolutions.de	Actuator Solutions GmbH (ASG) is one of the leading companies in the field of develop, production & marketing of a broad range of innovative Smart Memory Alloy (SMA) actuators, consisting of a unique family of advanced materials characterized by super elasticity and its ability to assume predefined shapes when subjected to heat. SMA technology is the perfect fit in today's world of miniature cameras and valves, demanding minuscule, light weight and completely silent solutions, EMC compatible etc. to be integrated in ASICs, to drive actuators in a proportional mode using resistance feedback which requires no extra sensors, largely replacing Piezo, VCM and DC-Motor technologies for Automotive: Body-, Dashboard-, Seat-, HVAC-, Latches- and closuresactuators.
20	Innolux Technology Europe BV	www.innolux.com	Innolux, as world's Automotive market trend leader of total display solutions, is offering a full range of LCD panels and touch-control screens, with advanced display integration solutions employing innovative, differentiated technology, including 4K2K ultra-high resolution, 3D naked eye, IGZO, LTPS, AMOLED, OLED, and touch-control solutions.

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	Company	Website	Exhibitor technology overview
21	CCL Design Stuttgart GmbH	www.ccl-design-stuttgart.com	CCL Design Stuttgart is part of CCL Industries -with > 20,000 people operating over 165 production facilities in 40 countries- world's largest converter of pressure sensitive and specialty extruded film materials for a wide range of decorative, instructional, functional and security applications for the Automotive market, government institutions and large global customers in the consumer packaging, healthcare & chemicals, consumer electronic device, with typical applications, such as Decorative and Functional LCD Covers, Electrical Insulation Tapes, Sill Guards.
22	Clean Energy Global GmbH	www.clean-energy-global.com	<ul style="list-style-type: none"> • Clean-Energy for USERS: Clean Energy BaaS in stationary applications – such as solar and wind farms, cabins, campers –offering a decisive contribution to energy transition through shared storage of solar and wind power as well in mobile applications – such as electric cars, vans, SUVs, boats, RVs – charging times get reduced to less than one minute through fast swapping of pre-charged Clean Energy Packs. • Clean-Energy for OPERATORS: The innovative business model “Battery-as-a-Service” opening entirely new possibilities for revenue and profitability in the sectors energy distribution, automotive industry and technical retail chains (such as filling stations, hardware stores, service shops, fleet operators). • Clean-Energy for MANUFACTURERS: The Clean Energy Pack, completely developed, technically simple, highly efficiently manufacturable product on a licence base.

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