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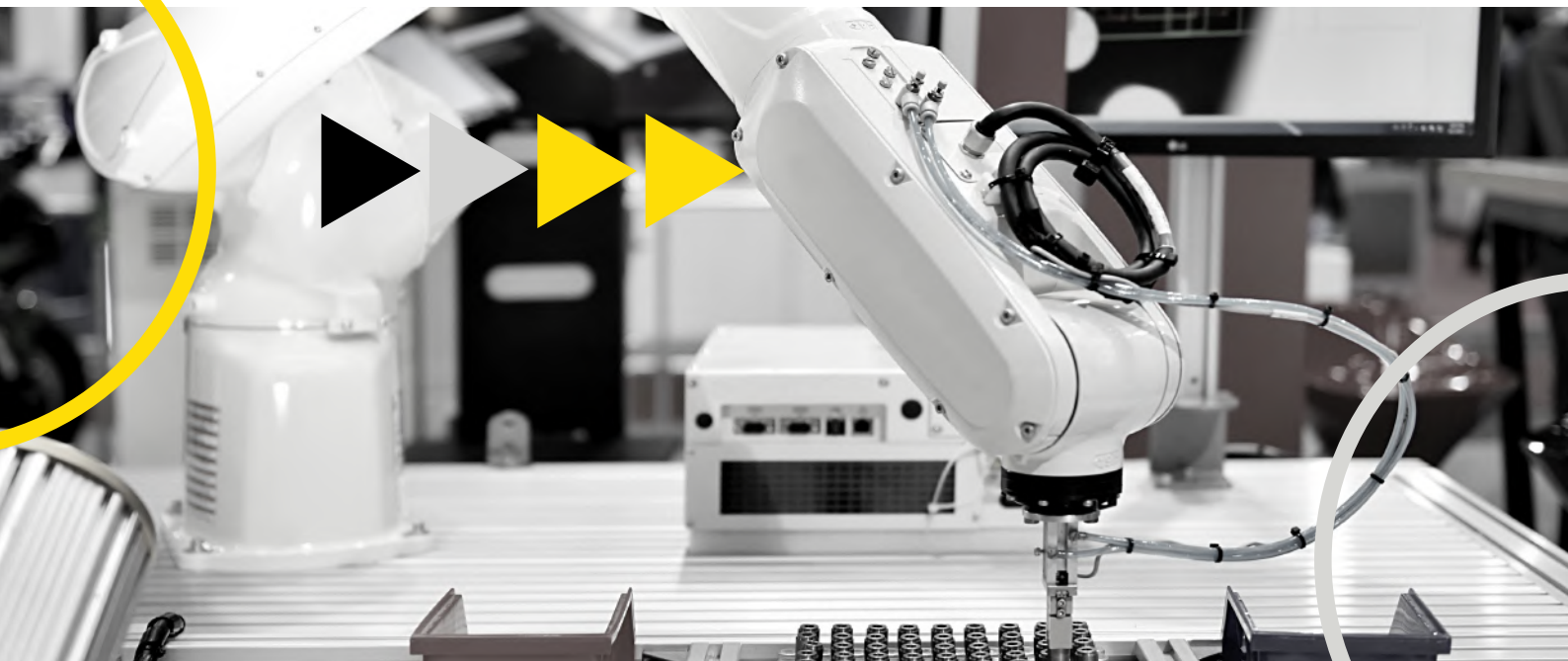
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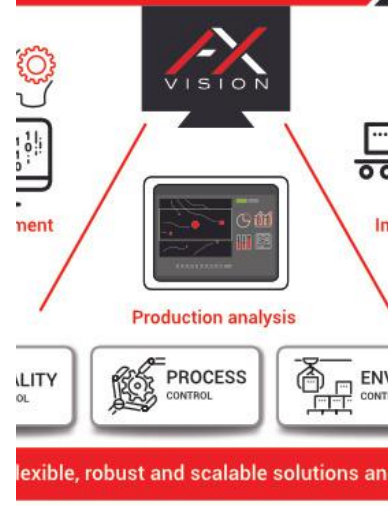


VISION | MESSE STUTTGART

5 - 7 OCTOBER 2021
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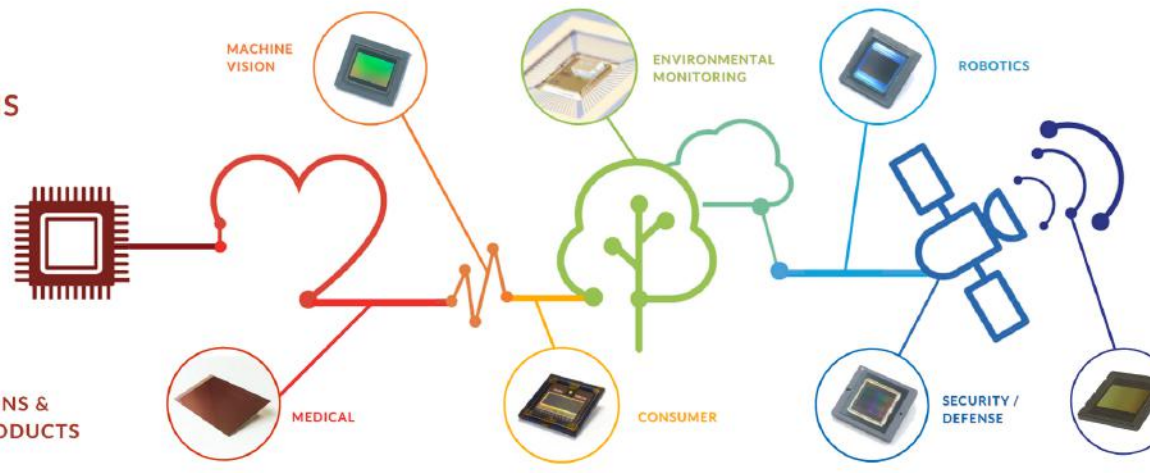
EXHIBITORS





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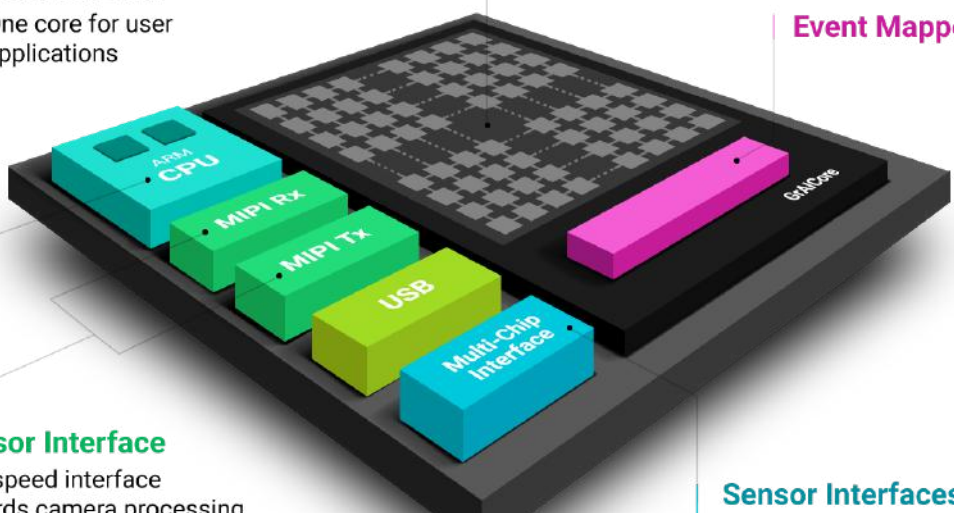


Dual Core M7

One core for user applications

GRAI CORE

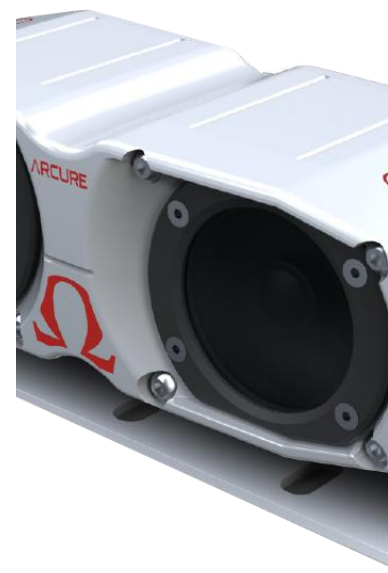
Event Mapper



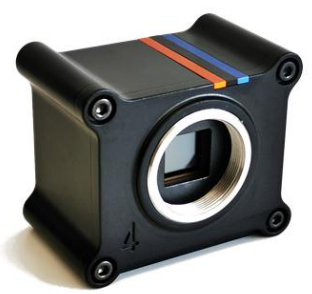
Sensor Interface

Highspeed interface towards camera processing

Sensor Interfaces



TOUCAN Multispectral Camera



An amazing
TOUCAN
is born !

10 spectral bands over the 400-900nm range

APREX

SOLUTIONS

Machine vision & Image analysis



Easy, flexible, robust and scalable solutions and support

**APREX SOLUTIONS
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From the definition of the need to the implementation, with a transversal, human, pragmatic and efficient approach

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Omega is a smart and robust 3D vision sensor for manufacturers and integrators of intelligent systems for Industry 4.0.

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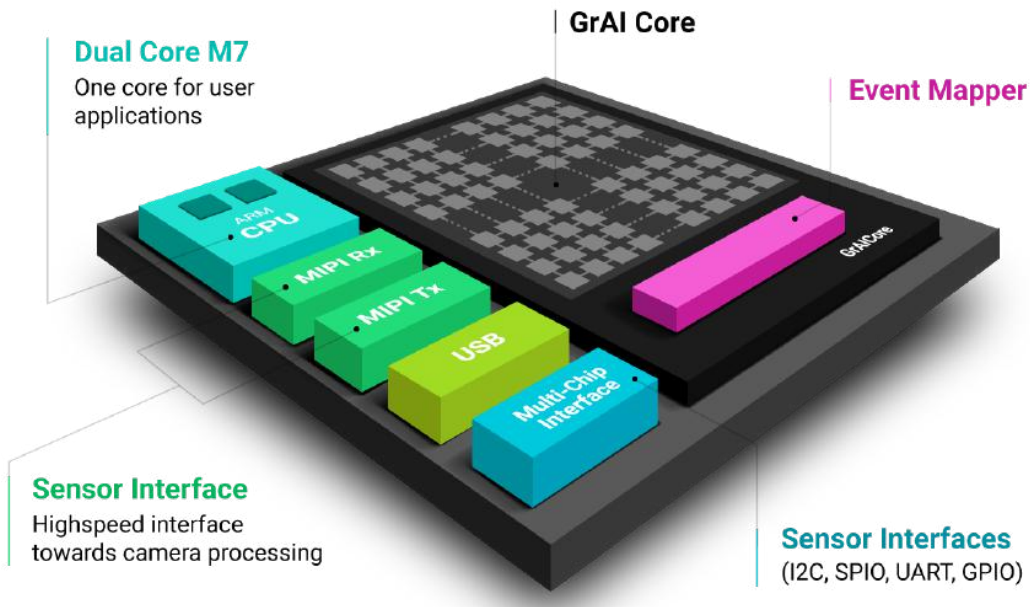
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GML GrAI Matter Labs



GrAI Matter Labs (GML) is the only semiconductor startup in Europe that can drive impact world-wide in edge AI systems starting with Industrial automation which is a key competence for the EU.

GrAI Matter Labs (GML) invented a novel intelligent dataflow compute architecture in which we combined principles of biological systems, near memory compute and massively parallel cores. We call it NeuronFlow™. The computations within the NeuronFlow architecture are event-based, with execution of a neuron operation only occurring when new data arrives at that neuron. New data or events arrive at the neuron only if there are changes significant enough from the previous time instance. GML's approach of NeuronFlow technology is enabling to avoid unnecessary computations and proceed only the key aspects of a deep neural network.

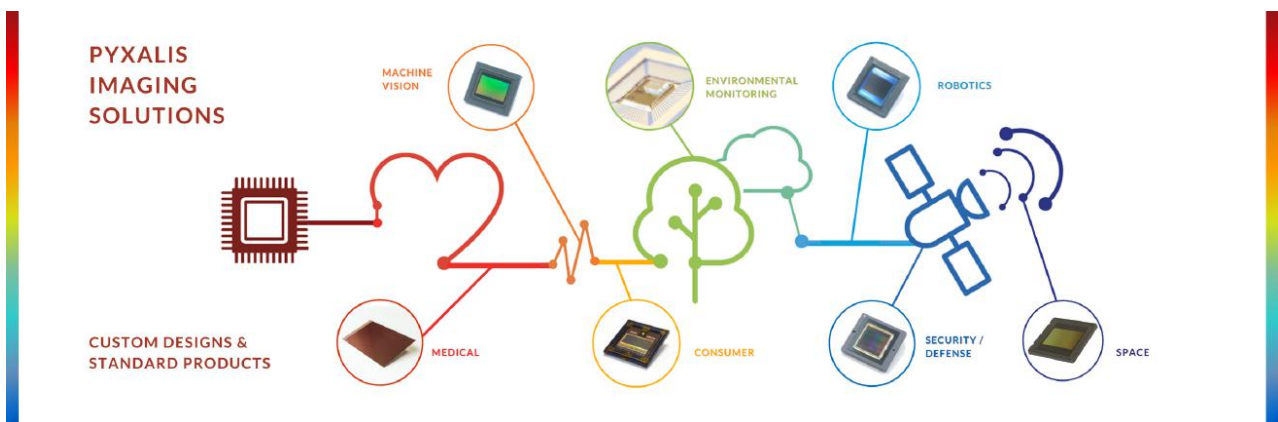
At GML we are in the business of life-ready AI. Artificial Intelligence which feels far from artificial. Brain-inspired chips that respond as humans do. GML is proud to be unveiling a future where artificial meets reality with its GrAI VIP (Vision Inference Processor). A groundbreaking chip that acts and reacts in real-time, ready for life.



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Pyxalis specializes in advanced CMOS image sensor custom solutions and offers off-the-shelf disruptive products. We offer a unique expertise in low noise and high dynamic range in global and rolling shutter architectures, high speed, large sensors, on-chip image processing, 3D sensing...

Because imaging plays an increasing role in the challenges ahead of us all, we have engaged ourselves in the development of new imaging technologies to address specifically applications that care for: **Environment - People safety - Healthcare.**

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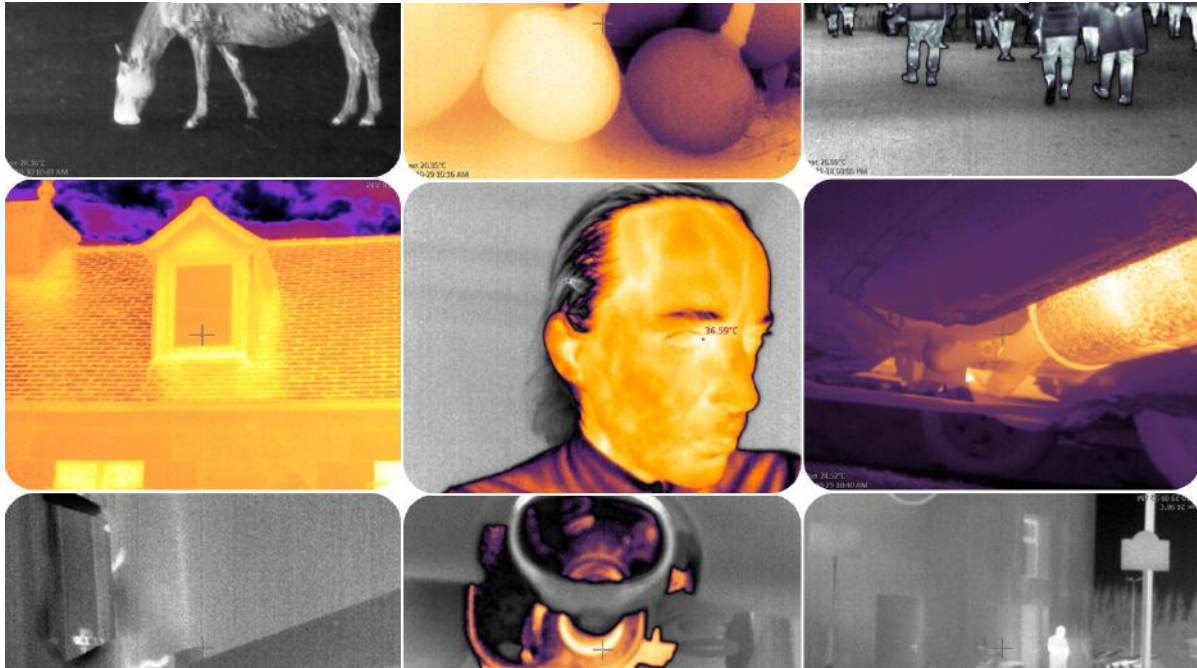
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SMART OPTRONIC SYSTEMS



Sensight is a technology and innovative company specialized in the development and the production of advanced vision systems.

Mainly integrating LWIR sensors but not only, we provide dedicated solutions to address automotive, industrial maintenance, quality inspections, security and defense markets.

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TOUCAN Multispectral Camera



10 spectral bands over the 400-900nm range



An amazing
TOUCAN
is born !

The unique VIS + NIR Snapshot Multispectral Camera Available on the Market

SILIOS Technologies is specialized in micro-optics for multispectral applications and proposes off-the shelf compact, lightweight and low cost multispectral VIS/NIR cameras: the CMS and CMS4 Series.

SILIOS Technologies offers also fully customized multispectral sensors with any organization of filter mosaic (snapshot or push-broom configuration) and with any wavelength from VIS to SWIR based on any pixelated sensor chosen by the customer.

At VISION exhibition and in world premiere, SILIOS Technologies will introduce its new TOUCAN camera. It's the unique VIS+NIR snapshot multispectral camera available on the market.

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STIL MARPOSS



For nearly 30 years, STIL MARPOSS has established itself as the leader in contactless Confocal Chromatic measurement, of which it is the inventor. STIL MARPOSS ensures its leadership position through constant innovation of its products and services, which is the DNA of the company.

All market and industrial production sectors trust the 3D measurement technology from STIL MARPOSS meeting the most demanding requirements:

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 - Meets all the constraints of difficult or even impossible applications
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 - Measures in an environment prohibiting all physical contact such as nuclear
- STIL MARPOSS differentiates itself from other players by giving a distinctive place to our partners and clients, which allows us to increase our value as perceived by our clients.

Through its commitment to quality, the company maximizes the interest of its customers through technical support that provides assistance to users accompanying them by determining technical solutions adapted to their needs and constraints.

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TWIGA is the leading European designer and manufacturer of innovative video processing hardware and smart Embedded Vision systems for OEMs and system integrators.

TWIGA is proudly pushing boundaries in the custom-made video processing industry across Europe. Our in-depth knowledge of industrial vision enables us to successfully cover several markets, including medical, aerospace, robotics, security&defence, broadcasting, low vision and inspection.

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