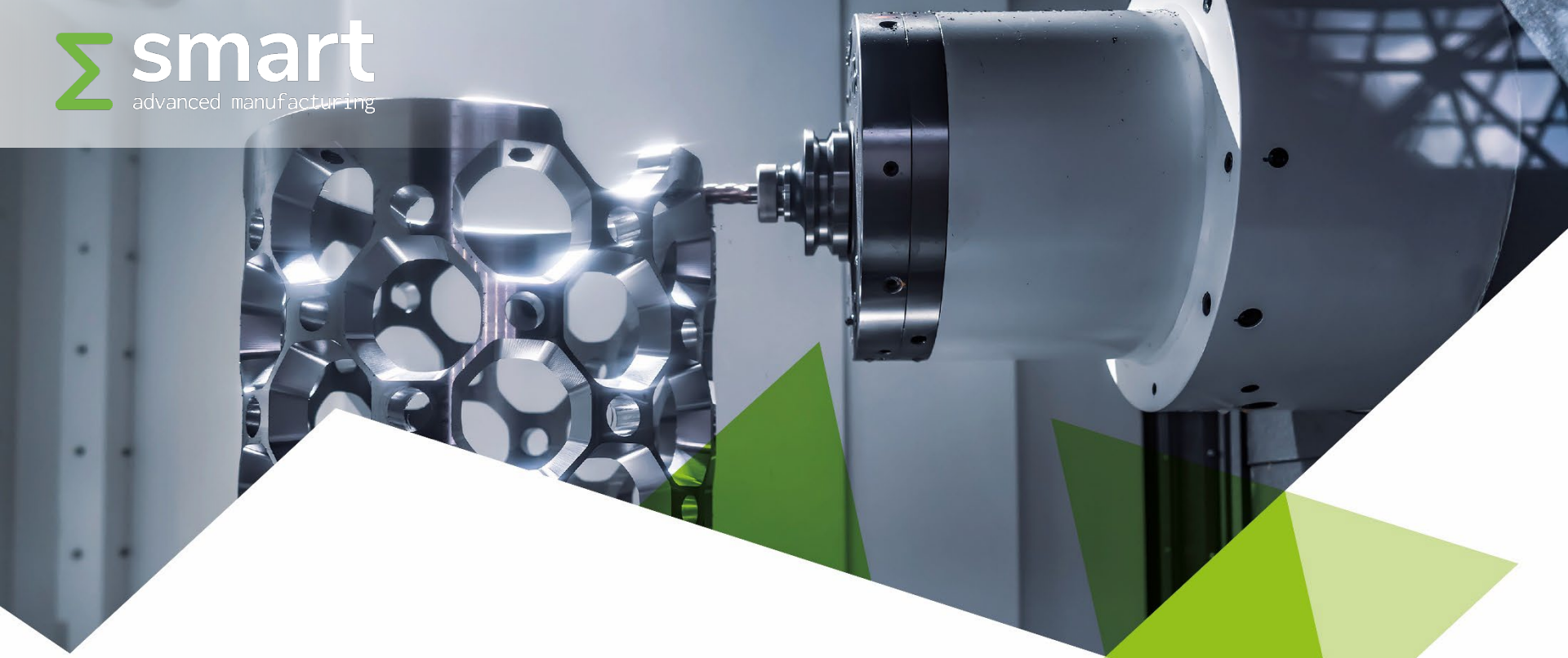

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Attent

an artificial intelligent edge device that can predict electrical failures before they happen...


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ORGANISATION PROFILE

TagnTell Technology, based in the UK, is an emerging tech startup specialising in electrical distribution monitoring. The "Attent" device, conceptualised by Kelvin Lee with 30+ years in the industry, offers an early warning system for electrical failures.

Core Team:
Kelvin Lee: Founder/CEO with extensive industry experience.
Alex Lennon Cantab | MIOD | MIET: CTO, blending expertise and innovation.
Michael Hull MIET: CEE Embedded Electronics Specialist, amplifying our tech strengths.

A compact team of five, TagnTell collaborates with partners like Future Coders, Liverpool John Moores University, British Telecom, MVine and others, pooling together around 20 professionals for the "Attent" project.

The "Attent" device, provides timely alerts for failing electrical systems pre and post-event using advanced AI algorithms.

R&D Collaborators:
1. PenTestPartners: Cybersecurity.
2. GenevaMicro: MVP electronics design.
3. Absolute Design: Device enclosure.
4. Sulis Consultants: Compliance and safety standards.
5. Vehicle Technologies Consulting: Product development strategy.

PROPOSAL INTRODUCTION (I)

Vision:To revolutionise the manufacturing sector's electrical distribution system through the "Attent" device, providing an unparalleled early warning mechanism for imminent electrical failures, ensuring enhanced safety and operational efficiency across the board.

Motivation: In the realm of manufacturing, any electrical distribution failure can bring operations to a halt, resulting in substantial economic losses and potential safety risks. The "Attent" device addresses this pivotal gap, aiming to drastically reduce production downtimes, protect assets, and enhance the overall safety standards of manufacturing units

Content:
Advanced Manufacturing Integration: Adapt the "Attent" device to seamlessly fit into diverse manufacturing setups, from assembly lines to automated systems.
Algorithmic Fine-tuning: Tailor algorithms specifically for the manufacturing environment, recognising the unique electrical patterns and potential hazards inherent to the sector.
Robustness & Durability: Ensure the device can withstand the rigours of a manufacturing environment, from dust and debris to high-intensity electrical loads.
Safety Protocols: Collaborate with manufacturing experts to establish protocols that align with industry safety standards, ensuring that the device not only detects but also aids in preventive measures.
Scalability & Versatility: Design the system to cater to a wide spectrum of manufacturing sub-sectors, ensuring its efficacy across different scales and niches of production.

PROPOSAL INTRODUCTION (II)

Expected outcome:

•**Advanced Monitoring System:** Establishment of a comprehensive electrical distribution monitoring system tailored specifically for manufacturing environments, ensuring rapid detection of anomalies.

•**Enhanced Safety Standards:** A demonstrable reduction in electrical-related incidents within manufacturing units, bolstering overall safety protocols.

•**User-Friendly Interface:** A seamless, intuitive platform that allows manufacturers to access real-time data, historical trends, and predictive insights on their electrical systems.

•**Inter-Industry Validation:** Garner feedback from diverse manufacturing sub-sectors, validating the "Attent" device's efficacy across varied production environments.

Impacts:

•**Economic Savings:** Manufacturing units will witness a considerable reduction in downtimes, translating to substantial economic savings in the long run.

•**Reputation Enhancement:** Manufacturing entities can proudly position themselves as industry leaders in safety and innovation, leveraging the "Attent" device as a testament.

•**Market Expansion:** As the device's efficacy becomes evident, we anticipate a surge in demand across the manufacturing spectrum, from small-scale industries to global conglomerates.

•**Carbon Emissions Reduction:** By preventing electrical failures that can lead to fires, the "Attent" device will significantly reduce the potential for carbon emissions associated with such incidents. Manufacturing units can therefore contribute more actively to.

PARTNERS

Current Consortium:
Tagntell Technology Ltd,
Dynamic Devices
Future Coders
Liverpool John Moores University
University of Suffolk Digital Futures Institute & DigiTech Centre
British Telecom
MVine
TfGM
TfW

Partner search: All Manufacturers who rely on uninterrupted power for there operations

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CONTACT INFO

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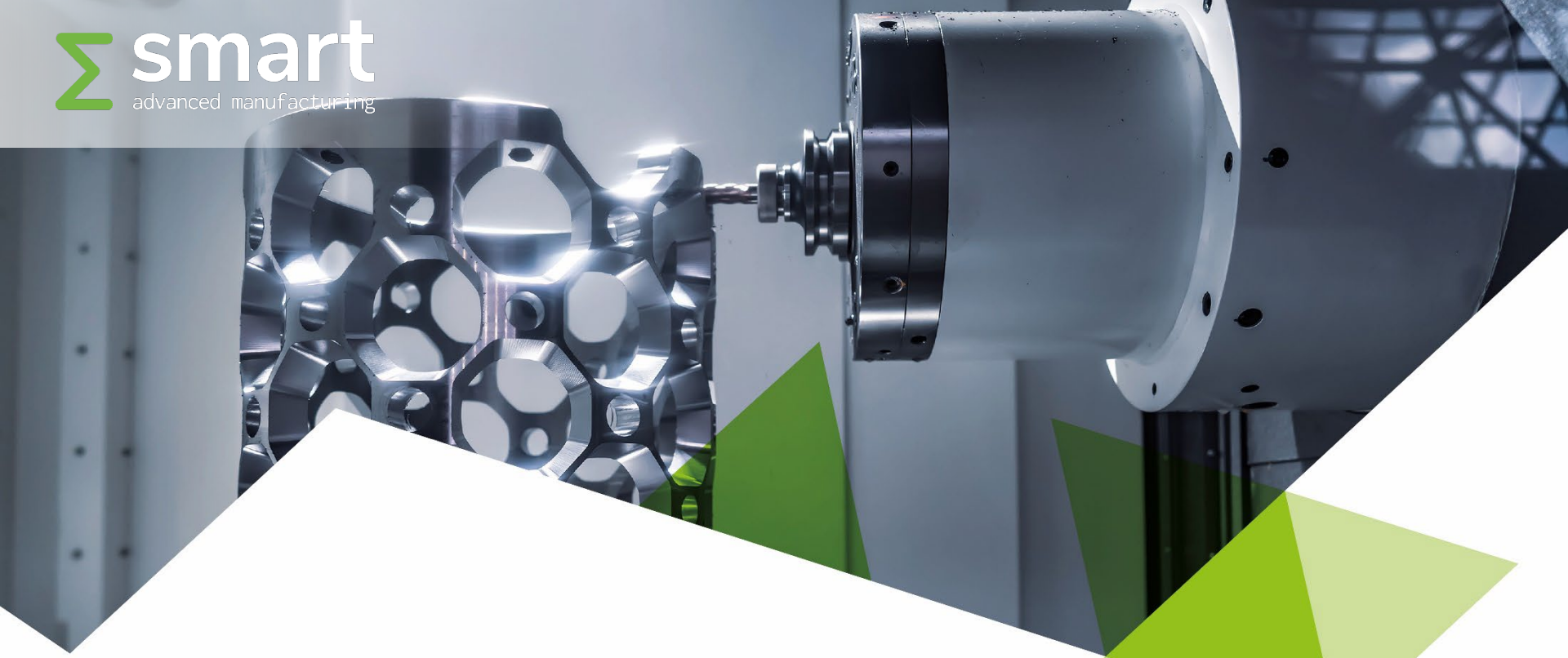

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