

Company Article
Steven Blyth
Director, Business Development
steven.blyth@smselectronics.co.uk

From Smart Homes to Wearables SMS Electronics Makes IoT Manufacturing Smart and Simple

By Steven Blyth, Director of Business Development

The Internet of Things (IoT) is a network of connected devices that communicate with each other and the internet to share data and perform tasks. In recent years, the growth of IoT has been a major trend in electronics manufacturing in the UK.

As a leading Electronics Manufacturing Service Provider (EMS), SMS Electronics (Smart Made Simple), we have seen this trend first-hand, with a growing demand for electronic devices that are part of the IoT ecosystem.



One of the most popular applications of IoT in electronics manufacturing in the UK is the development of smart properties. Smart Properties are becoming increasingly popular in the UK, with consumers looking for ways to control and automate their properties using electronic devices. These devices can be controlled remotely through the internet, allowing users to adjust the temperature, turn on lights, lock doors, and even control kitchen appliances from anywhere in the world. Smart homes are not just convenient; they can also help to reduce energy consumption and save money on utility bills.

Another application of IoT in electronics manufacturing in the UK is the development of wearable devices. Wearables are electronic devices that can be worn on the body, such as fitness trackers, smartwatches, and health monitors. These devices are connected to the internet and can track a wide range of data, including heart rate, steps taken, calories burned, and sleep quality. Wearables are becoming increasingly popular in the UK, with consumers looking for ways to monitor their health and fitness using electronic devices.

In addition to smart properties and wearables, IoT is also being used in industrial settings. In manufacturing, connected devices and sensors can be used to monitor and control production lines, supply chains, and environmental conditions. This can help to improve efficiency, reduce waste, and increase productivity. In agriculture, IoT is being used to monitor soil conditions, weather patterns, and crop growth, allowing farmers to make data-driven decisions and improve crop yields.

One of the challenges of IoT in electronics manufacturing is the need for devices to communicate with each other and the internet. This requires the use of wireless communication protocols, such as Wi-Fi, Bluetooth, and cellular networks. At SMS Electronics, we have experience in developing electronic devices that use a range of communication protocols, ensuring that our clients' products can connect to the internet and other devices.

Another challenge of IoT in electronics manufacturing is the need for devices to be secure. With more devices connected to the internet, there is an increased risk of cyber-attacks and data breaches. At SMS Electronics, we take security seriously, and we work with our clients to ensure that their electronic devices are designed with security in mind. This includes using secure communication protocols, encrypting data, and implementing secure authentication methods.

At SMS Electronics, we are proud to be at the forefront of the IoT revolution in electronics manufacturing in the UK. We provide [end-to-end electronic manufacturing services](#), from design and prototyping to testing and full-scale production, to help our clients bring their ideas to life.



It's an exciting time to be a technology start-up in the UK.

We have experience in developing a wide range of electronic devices that are part of the IoT ecosystem, including smart properties, wearables, and industrial IoT. With our expertise in communication protocols and security, we can help our clients to develop electronic devices that are connected, secure, and reliable.

The growth of IoT in electronics manufacturing in the UK is a major trend that is set to continue in the coming years. From smart homes and wearables to industrial IoT, connected devices are changing the way we live and work. At SMS Electronics, we are proud to be part of this revolution, and we are committed to helping our clients [develop innovative electronic devices](#) that are part of the IoT ecosystem.

About Smart Made Simple

SMS - the U.K.'s leading Manufacturing Service Provider

From concept to creation, to commercialisation, to customer, for all technology companies. Whether you are a start-up, or an established household brand name, if you have a design or need the assistance to help you with your design, engineering, manufacturing, or supply chain problem, thanks to the diversity of our experience and scalable service, SMS has the solution.

Since 1920, SMS has manufactured electronics products from the same home in Nottingham, U.K. For over 100 years, we have been the company behind the ideas, offering agile and adaptive supply chain solutions, that bring products to market faster, smarter and simpler.

Leader in the specialist low- medium volume, highly complex manufacturing services market space, SMS has earned critical industry facility certifications, that brings full viability and credibility to the aerospace & defence, communications, industrial and medical markets. SMS brings the right scale, capabilities and competitive solutions to customers needing high-reliability attention, product realisation and supply chain optimisation.

For further information, visit: <https://smselectronics.com/>

About our dedicated Development Centre: https://smselectronics.com/wp-content/uploads/2017/07/About-our-Development-Centre_FINAL.pdf

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If you have any questions about this article or any services/solutions that Smart Made Simple (SMS) offer, please contact **Director of Sales & Marketing, [Steven Blyth](#)**.