

Defend, Detect, React: AI-Powered Anomaly Detection for Smarter IoT Security

In our interconnected world, IoT transforms data generation and sharing. But, as highlighted in the 2023 World Economic Forum report, cybersecurity remains a significant governance gap. For businesses, OEMs, and solution providers, staying ahead of the ever-evolving threat landscape is crucial, even if they are already following the best cybersecurity practices.

Wireless Logic, a leading IoT connectivity provider with more than 13 million subscribers, is committed to tackling this challenge head-on. Its goal is simple – to enable a secure and hassle-free IoT experience for all.

Intelligent, Scalable Anomaly Detection

Any IoT security strategy is incomplete without the ability to detect and respond to anything out of the ordinary – from unusually high traffic and alterations in data transmission to potential malfunctions. No matter the cause, prompt action is crucial.

Wireless Logic's Anomaly Detection solution is a game-changer. It not only secures IoT devices but harnesses AI to analyse device-to-cloud network traffic statistics and detect potential threats in real-time. The detected threats are displayed on an intuitive dashboard and automatic mitigation kicks in through preventive measures like SIM barring and data throttling.

This is not just about securing devices – it's about staying ahead of the curve. Without such monitoring, harm could be done before a breach is even noticed, making Anomaly Detection a crucial part of any solid IoT security plan.

It stands out with its exceptional accuracy, five times better than competing solutions and it speeds up detection time. Users benefit from actionable insights for automated threat prevention and investigation, through a smart combination of threat intelligence and rule-based detection engines. Importantly, it allows the analysis of encryption-free metadata to comply with industry regulations.

This platform is not an expense, but an investment. It not only addresses IoT security pain points but also contributes to business growth and resilience. As IoT deployments proliferate, Anomaly Detection scales effortlessly, offering robust protection no matter where you are or what you're connected to.

A Framework to Secure Tomorrow's IoT

Understanding that IoT security is an ongoing challenge, Wireless Logic's experts have developed a comprehensive IoT Security Framework that leverages experience and insights from numerous customer engagements. With 16 provisions, the user-friendly framework helps organisations assess their risk capacity and create a proactive strategy to defend, detect and react against evolving threats.

Uniquely, the framework considers people, processes and risk capacity to offer a well-rounded approach to IoT security. Anomaly Detection is just one piece of this puzzle. From a user perspective, this approach empowers businesses to safeguard IoT investments, preserve their reputation and secure their revenue streams in a challenging environment.

A Global Leader in IoT Security

Why should Wireless Logic win this award? Because it is a genuine innovator and leader, committed to shaping the future of IoT security and providing expert guidance to organisations. Real-time threat prevention as part of a holistic IoT Security Framework positions Wireless Logic as a strategic partner in the IoT ecosystem.

Wireless Logic's technology not only meets the immediate security needs of IoT applications but also provides a foundation for ongoing protection against emerging threats.

Summary for Judges

The following provides a brief summary of the key points within our enclosed award entry, in line with the published criteria for the 'Securing IoT' category.

- **Creativity:** In today's crowded cybersecurity market, Wireless Logic stands out with an AI-powered anomaly detection tool that is 5x more accurate and faster than competitors. In addition, its unique IoT Security Framework goes beyond the norm by considering people, processes and risk capacity for a comprehensive IoT defence strategy.
- **User Value:** The Anomaly Detection platform is a game-changer for users, allowing them to conduct their business more securely, while protecting against financial losses, reputation damage and operational disruptions.
- **Scalability:** Anomaly Detection is inherently scalable. Its applicability to any IoT device or application, on any scale and anywhere in the world, demonstrates this scalability. As the IoT landscape continues to expand across sectors and international borders, Wireless Logic can meet the growing demand.
- **Business Value:** This platform is not an expense, it is an investment. It not only addresses IoT security challenges but also contributes to business growth and resilience. Real-time threat prevention as part of a holistic security framework positions Wireless Logic as a strategic partner in the IoT ecosystem.
- **IoT Benefits:** By protecting against potential risks such as data theft and operational disruption, Wireless Logic is making the digital world safer for individuals and organisations alike. This aligns with the broader goal of ensuring that the benefits of IoT are tangible, practical and positively impact everyday lives.