

ETCIO.com, India: Achieving Essential IoT Requirements



“Organisations must conduct a rigorous ‘needs’ assessment and carefully plan their roadmap to deliver a flexible, secure and scalable IoT solution,” writes **Muthu Kumaran**, Global Delivery Head, Cognizant Digital Business. “They must also consider using pre-built solutions, reference architectures and blueprints from experienced technology service providers to make the most of their IoT initiatives.”

Excerpts from ETCIO.com’s article:

“Smart devices fueled by the hyper connected Internet of Things (IoT) are becoming ever more prevalent and pervasive in our personal lives. Sensors are everywhere, and the trend will only continue. Yet, 60% of top IT executives polled by Cognizant’s Centre for the Future of Work say that IoT will add tremendous complexity to their IT infrastructure in areas such as networking, integration and data analysis.

As navigating these challenges requires careful planning, domain knowledge and rigorous implementation, there are a few things businesses can do to maximise the benefits of their IoT implementations:

- Strengthen planning and strategy with edge computing and analytics.
- Streamline data ingestion and stream processing knowledge.
- Enable seamless communication with secure and efficient device management.
- Improve business operations with the help of code path processing.
- Drive enterprise integration for greater efficiency.

Enterprises need to keep in mind that every IoT implementation will be distinct in its own way, depending on business requirements, expected outcomes, levels of IoT and data skills, and technology infrastructure maturity. The above five actions are essential in ensuring successful IoT deployment, with minimal cost and delay.”

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