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**INTERNET
OF THINGS**

EDITION

REPUBLIC POWER

**UNLEASHING
THE FULL
POTENTIAL
OF IOT**

Samuel Chan,
COO

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TOP
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REPUBLIC POWER



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*For exhibiting excellence in delivering
Internet of Things solutions for the Asian-Pacific region*



Samuel Chan,
COO



We harness the power of big data, robotics, and artificial intelligence (AI) to provide multiaward-winning solutions and services to our clients



REPUBLIC POWER

UNLEASHING THE FULL POTENTIAL OF IOT

The future is ‘connected,’ and the impressive advancements made in Internet of Things (IoT) and smart sensor technologies thus far have paved the way for an entirely new approach to conducting business, regardless of the vertical. The solutions and services being developed in this burgeoning marketplace promise a new dimension of automation within an organization as several enterprise-wide workflows now have the potential to be more streamlined and productive. And automation equates to quicker, more accurate turnaround times in most product development processes, which consequently results in expedited time-to-market. However, not every company can leverage the

full capabilities of a robust IoT environment, even in 2021. Off-the-rack solution providers do not necessarily possess the desired expertise in both software and hardware. And, to make matters worse, the global marketplace is flooded with hundreds of connected technology solutions which makes it difficult for businesses to identify the ideal vendor for them. Having observed these challenges create highly undesirable complications in an organization’s digitalization journey, Singapore-based REPUBLIC POWER seeks to help the market circumvent these ordeals with its incredibly customizable and subscription-based services specifically designed to manage everything IoT and digitalization.

Founded in 2015, REPUBLIC



We possess the know-how to combine both IoT devices with our IoT platform, providing main core functionalities around big data, AI, as well as robotic automation

POWER pursues one very focused vision: enrich the life of professionals everywhere by improving their technology adoption practices. “We harness the power of big data, robotics, and artificial intelligence (AI) to provide multi-award-winning solutions and services to our clients,” expresses Samuel Chan, COO of REPUBLIC POWER.

The company’s initial steps into the world of IoT are marked by its decision to build a proprietary IoT platform that tracks, monitors, and analyzes each service proffered to various clients. And owing to the intertwined nature of connected devices and automation, REPUBLIC POWER also excels at supporting companies with smart automation solutions for businesses, homes, hoteliers, and even government applications across maritime cruise terminals and airports. The IoT experts within REPUBLIC POWER have leveraged their many years of IT and business experience to bring together its system with a host of highly-effective solutions in the market to deliver a fully connected, seamless, and holistic ecosystem. “We possess the know-how to combine IoT devices with our IoT platform, offering core functionalities around big data, AI, as well as robotic automation,” says Chan. The company, additionally, has mastered the art of smart integrations, providing clients with an unparalleled digitalization experience when dealing with enterprise-wide changes and new connected devices.

To best elucidate on the full capabilities of REPUBLIC POWER’s offerings, Chan shares the case study of how his company helped Singapore’s cruise terminals enhance a visitor’s experience while on location. Integrating with a massive network of IoT devices such as cameras and sensors present at each terminal, and leveraging its AI

and big data competencies, the company was able to obtain an accurate headcount of how many passengers pass through each terminal. Consider a situation where two cruise ships carrying 6000 people each are expected to dock at the port in question. 12000 visitors easily exceed the maximum capacity of the terminal, and the risks are adverse: the platform could collapse, there would be no easy access to a passenger in the case of a medical emergency due to overcrowding, and so on. REPUBLIC POWER’s integrated, smart solutions help concerned authorities completely avert such difficult scenarios by intuitively improving passenger queue and flow management. The technology works tirelessly in order to ensure a visitor’s smooth transition from cruise to land with zero inconveniences and risk of health hazards.

With such an incredible portfolio of services and nuanced proficiency in connected devices and smart integrations, REPUBLIC POWER is creating waves of change for the IoT industry at large. Moving forward, the company intends to delve into the field of medical devices, where it seeks to provide affordable, sustainable, and easily accessible smart devices for health systems across the world. “Our move toward the medical field is not only aligned with our visions but also with the combination of IoT devices built in-house and our machine learning capabilities; we want to help everyone access essential health screening better,” states Chan. REPUBLIC POWER also plans on designating a significant portion of its time on innovating new automation solutions, which will help streamline various operations across the many industries in today’s rapidly digitalizing world. [GA](#)