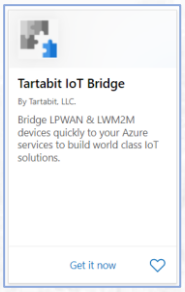
TARTABIT

Microsoft Partner

YEAR END UPDATE
December 2021

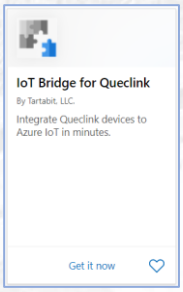
The Tartabit team would like to thank our Customers, OEM Device Maker Partners and the **Microsoft IoT Team** as we celebrate our **IoT Bridge** offering's **one year anniversary**. Only a short one year ago we launched the IoT Bridge offering on **Microsoft Azure Marketplace**. With the support of the Microsoft IoT Team, we have achieved a number of significant milestones. As such, we are pleased to provide a 2021 year-end update.



IoT Bridge achieves global market adoption

Launched one year ago, our service is relied upon for enterprise customers, OEM device makers, ISVs as well mobile network operators around the world. IoT Bridge is now offered in 49 countries around the world via the Microsoft Azure Marketplace, the IoT Bridge is achieving our vision of becoming the easiest to buy, use and deploy Low Power Wide Area (LPWA) IoT Bridge on the market. One short year ago we announced IoT Bridge with LwM2M 1.0 support, however, today we have deployed support for LwM2M 1.1. In addition, IoT bridge now supports a wide variety of other industry established and constrained device protocols such as Custom TCP/UDP, CoAP as well the industries' most common LoRa Network Server (LNS) and SIGFOX networks. We have even created a method of transmitting encapsulated LwM2M over satellite network which can be seen in our Iridium preview.

Tartabit also makes it easier for IoT Device OEMs to achieve Microsoft Azure IoT device certification with the release of our MPA consulting service available on the Microsoft Azure Marketplace. The objective of providing an expanded set of certified IoT devices to the Azure Development community is paramount to expanding the IoT market as well as Microsoft's and Tartabit's leadership position in the LPWAN sector. Leveraging Tartabit's MPA services allows device OEMs to have a dedicated Marketplace listing for the IoT Bridge SaaS offering, which will allow their customers to achieve seamless Microsoft Azure integration without the burden of supporting custom code as well as a team of developers charged with supporting the life cycle of the custom solution. You can see the outcome of the MPA by taking a look a the IoT Bridge for Queclink example on the Microsoft Azure Marketplace or the Tartabit website.



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Along with our leading data integration capabilities, the IoT Bridge also supports robust device management capabilities enabling world-class IoT solutions. As we continue to expand our offering, we have added a specific focus on enabling more robust device management capabilities to augment the services available from Microsoft Azure. Utilizing the OMA LwM2M standard protocol, IoT Bridge provides a complete set of Device Management functions. Tested with a variety of LwM2M clients including those from Telit, Quectel, Nordic as well as the most common open-source clients such Leshan, Tartabit's LwM2M server is ready to deliver device management at enterprise as well as mobile network operator scale.

Tartabit is pleased to announce that we have recently become a Microsoft Enterprise Client Innovation Fund "ECIF" Supplier, which allows Tartabit to provide services to key enterprise clients on behalf of Microsoft. Leveraging our team's decades of IoT experience in implementing scalable and supportable IoT solutions we are able to provide clients with best practice centered IoT solution architectures, operation and lifecycle management practices built to leverage the power of Azure IoT.

INNOVATION and EXPERIENCE makes us different

Simply put, the **Tartabit** team keenly understands the market, technology and industry trends in order to provide exactly what is needed by today's modern IoT Developers. In an era where IoT proof-of-concepts can be developed in days, it is important for customers to recognize the difference between a PoC and Production scale solutions. Tartabit has invested to ensure a solution is in place to handle production workloads with ease.

Scalable. Tartabit has developed its own DTLS, CoAP, and LWM2M stacks to enable the "lowest cost per device" Device Management solution on the market.

Reliable. As a Kubernetes native application leveraging modern infrastructure, databases, and languages, the Tartabit IoT Bridge is a low-maintenance, highly available platform that can be deployed in a couple of hours instead of a couple of weeks.

Flexible. The Tartabit IoT Bridge is designed to meet the IoT needs of today and what comes tomorrow; it evolves with the market and supports a variety of devices to enable long lived solutions.

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