

AT&T and IBM Team to Bring Enhanced Internet of Things Capabilities to Developers on IBM Cloud

IoT Developers Can Gain Deeper Insights from Data on Connected Devices With New Open Standards- Based Capabilities

DALLAS, TX and ARMONK, NY - 13 Jul 2016: [AT&T*](#) and IBM (NYSE: [IBM](#)) are working together to help businesses accelerate their [Internet of Things](#) (IoT) initiatives. The two companies will combine their unique strengths in cognitive computing and global connectivity to create open standards-based tools on the IBM Cloud to enable developers to more quickly build and implement a wide variety of IoT solutions.

Open standards-based tools allow developers to improve their skills and avoid the churn of learning new tools, which helps protect the investments businesses have made in IoT solution development. As demand for IoT solutions grows, so does the demand for skilled IoT developers. According to the [VisionMobile 2016 Internet of Things Megatrends report](#), nearly 10 million developers will be active in IoT by 2020, doubling the estimated 5 million today. As businesses discover the need to more efficiently develop and bring IoT solutions to market, they must invest in developers to stay competitive.

IBM and AT&T are expanding their full commitment and investment in open-source based tools, such as Node-Red, and open standards like MQTT, all essential for creating IoT solutions. In addition, developers can now add the power of IBM's Watson cognitive computing and AT&T's IoT Platforms like Flow Designer and M2X, and access to its global network. This combination of open standards and IBM's and AT&T's unique technologies will result in a new level of IoT possibilities and solutions for developers to leverage well into the future.

"We have heard the call from developers and businesses for more tools to make IoT a reality and together with AT&T, we are bringing together powerful platforms and services to drive collaborative innovation," said Harriet Green, general manager, IBM Watson IoT, Commerce & Education. "This collaboration enables individual developers to tap the power of cognitive computing and combine it with massive amounts of data streaming from billions of connected devices, sensors and systems to create solutions that can help transform businesses and society alike."

AT&T is also working with IBM on a new starter kit to make it easier for developers to get going. Once completed, customers will be able to purchase the combined AT&T and IBM technologies in one toolkit for a complete set of IoT tools to start their IoT projects right away.

Developers can now use IBM's open and security-rich [Watson Internet of Things \(IoT\) Platform](#) and [Bluemix](#) services together with AT&T IoT Platforms to gain deeper insights from data collected from connected devices. Multiple Watson APIs and other IBM services, including visual recognition, personality

insights, tradeoff analytics and speech/translation, are available.

Watson APIs can be used to break down barriers to analyzing unstructured data and provide access to powerful capabilities, including advanced cognitive computing, machine learning and deep learning approaches to help better understand and engage users and tackle the massive growth of data in multiple formats.

Developers can tap into enhanced capabilities and create innovative IoT apps, such as an asset tracker app that could show the location of an asset. When coupled with weather data from The Weather Company, businesses could predict delays in the supply chain or reroute deliveries due to bad weather.

“From farming to fleets, there are many companies that would benefit from real, actionable IoT data,” said Chris Penrose, senior vice president, AT&T IoT Solutions. “Combining technologies with IBM can advance the developer experience –so they can build comprehensive IoT solutions for businesses. Developers can quickly turn their innovative ideas into cutting-edge solutions.”

Developers now have the ability to deploy apps on the IBM Cloud, providing more visibility and understanding into the Internet “things” they connect. The new integration allows AT&T M2X, AT&T Flow Designer and AT&T Control Center to be used with the IBM Watson IoT Platform and Bluemix services available on IBM Cloud. In addition, developers will also have access to 10+ IBM Watson cognitive APIs, OpenWhisk “serverless” computing APIs, and other IBM Bluemix services.

The IBM Watson IoT Platform enables users to easily connect devices in a security-rich environment and build applications tapping advanced analytics and cognitive services. It uses learnings to better manage the data it collects – a constant improvement cycle. The simple access to IoT devices and data helps developers quickly create visual dashboards. The dashboards provide analytics and IoT apps.

AT&T Flow Designer is a cloud-based tool. It lets developers easily create and deploy IoT apps. The solution will be available as-a-service on the IBM Cloud. Developers can use it to make apps supporting connected cities, industrial equipment, cars, homes and health devices.

For more information on the IBM Watson IoT Platform, visit <http://www.ibm.com/internet-of-things/iot-solutions/watson-iot-platform/> or follow @IBMIoT on Twitter.

For more information on our IoT tools for developers, visit www.att.com/iot.

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