

TI and Amazon Web Services (AWS) Collaborate on a New IoT Service



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Synopsis: Amazon Web Services (AWS) announced its new AWS IoT service today. TI is one of the early semiconductor vendors to support the AWS IoT service. Learn more: www.ti.com/AWSIoT



In recent years, cloud computing has become a major enabler of technology for businesses and enterprises by providing on-demand compute, storage and communication resources over the Internet. Cloud services offer a pay-as-you-go pricing model and allow business to enjoy state-of-the-art technology without investing in infrastructure, while scaling their compute resources consumption on a 'per need' basis.

Computer resources are available today as a paid service in three categories: Infrastructure as a service (IaaS), Platform as a Service (PaaS) and Software as a Service (SaaS).

- With IaaS, customers pay for CPU time and storage.
- Customers pay for using a platform that allows them to develop and run cloud applications in the PaaS model.
- Finally, customers pay subscription fees for using software in the SaaS model.

Internet of Things (IoT) cloud Platform as a Service provides cloud capabilities required by typical IoT products, such as messaging, data storage, data visualization and analytics. IoT cloud services started to emerge around 2008, but only since 2014 have large cloud providers such as IBM, Microsoft, Facebook and now Amazon Web Services (AWS) offer an IoT service.

AWS, the industry's largest cloud service provider, announced its new AWS IoT service today, which brings the magnitude and scale of AWS to the IoT. TI is proud to be one of the early semiconductor vendors to support the AWS IoT service. The AWS IoT Software Development Kit (SDK) is now available for TI's low-power [SimpleLink™ Wi-Fi@ CC3200 wireless MCU LaunchPad™ kit](#), enabling developers to quickly establish a connection to the AWS IoT service and immediately begin development on their IoT designs.

Texas Instruments has the largest ecosystem of cloud service providers in the semiconductor industry, with more than 20 members to date. Each of the ecosystem members offers a pre-integrated silicon-to-cloud solution for one or more connected TI devices. We are pleased to add AWS to our growing cloud ecosystem.

For more information on the CC3200 AWS IoT SDK visit: www.ti.com/AWSIoT

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