



Alexa? Enable your LoRaWAN[®] sensors!

With the addition of the new [MultiTech Conduit[®] 300 Series Gateway Developer Kit](#) to the [LoRaWAN](#) gateway portfolio, additional communication opportunities are now available using its new functionality.

By enabling true edge gateway processing capabilities, it's now a simple process to voice-enable LoRaWAN end devices using the development of an 'Alexa Skill'.

And, enabling a LoRaWAN actuator couldn't be easier! Start by configuring the Conduit 300 as a local LoRaWAN server and add definitions for your end devices (as done with all the MultiTech LoRaWAN gateways)

Next, start Node-RED in the Conduit 300. Then install the Alexa Contrib. Add the Alexa hub node and then the Alexa device node. Name it with a convenient name.

Now ask your Alexa Echo or Dot to find new devices. After two minutes, you will now have your LoRaWAN actuator identified by Alexa and you can send commands to it such as a simple 'On' or 'Off'.

Want to listen to the uplinks from the sensors? Add the 'Notifyme' skill to your Alexa account and the 'Notifyme' contrib to your Node-RED flow to voice enable both the sensor and the sensor output.

Feed this into a process node for manipulation and push it out to the LoRaWAN input of the Conduit 300. The command will then be queued for delivery to your end device as a normal LoRaWAN downlink. You now have a voice enabled LoRaWAN device over the extended LoRaWAN range.

This exercise can be further enhanced by using MultiTech LENS[®] for central management of the end devices or using [DeviceHQ[®]](#) for management of the gateways and applications. Or use Alexa Skills to enhance bidirectional LoRaWAN end device data to Alexa alerting and/or finite control. Add Docker connectivity to the mix, and you have the world's most powerful and flexible LoRaWAN gateway available today.

Of course, the MultiTech Conduit 300 gateway still fully supports all LoRaWAN topologies such as packet forwarder and the custom packet forwarder install so you can further support your cloud deployment using the Conduit 300 Alexa integration to push commands to the cloud for processing.

Please feel free to contact your MultiTech account manager if you wish to find out more about our Conduit 300 solution and try it out for yourself.