AWS Device Qualification Program

Program Guide

November 2021

aws partner network

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Overview

The AWS Device Qualification Program is a hardware qualification and incentive program that is available to all Partners in the AWS Partner Network (APN).

AWS Partners qualify their device hardware (development kits, SBCs, embedded modules, gateways, sensors, cameras, and others) by validating that it works with AWS IoT Core, AWS IoT Core for LoRaWAN®, AWS IoT ExpressLink[1], AWS IoT Greengrass, FreeRTOS, and Amazon Kinesis Video Streams.

Qualified devices are eligible for listing in the AWS Partner Device Catalog, which allows customers to discover IoT devices that work with AWS. The catalog helps customers discover Partner device hardware, including links to buy listed hardware for evaluation and development from AWS Partners, and creates the opportunity for hardware Partners to reach and engage new customers.

The program also helps driving success for customers by simplifying the selection of IoT hardware, taking advantage of AWS IoT Partner expertise, connecting them with AWS Partners, and enabling customers to focus on delivering new products, services, and solutions.

Benefits

The AWS Device Qualification Program offers participating AWS Partners benefits for listing their devices in the AWS Partner Device Catalog that work with AWS services. It also provides an additional way for your qualified hardware to be shown to customers through listing in the AWS Partner Device Catalog, and integration with the AWS service pages. Qualified devices are validated to connect to and interoperate with AWS IoT Core, AWS IoT Core for LoRaWAN, AWS IoT ExpressLink, AWS IoT Greengrass, FreeRTOS, and Amazon Kinesis Video Streams.

The program offers the following key Partner benefits:

- **Reach**
  - Creating edge hardware Partner opportunities by connecting with AWS customers, AWS sellers, and other AWS Partners through discovery in the catalog
  - Partner-provided fulfillment links to purchase listed devices for evaluation, prototyping, or proof-of-concept
- **Visbility**
  - Use of AWS Device Qualification Program badge for devices with active catalog listings
  - Opportunities to participate in APN blog posts, featured device listings, and solutions
- **Scalability**
  - Flexibility and reduced effort for Partners through the use of the AWS IoT Device Tester[2] and AWS IoT Core Device Advisor[3] for self-validation, and self-service catalog submission and listing process on AWS Partner Central

[1] Currently available in Preview. Please contact us for qualification guidance.

[2] Currently supported for FreeRTOS and AWS IoT Greengrass

[3] Currently supporting AWS IoT Core

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The table below also provides an overview of the AWS Device Qualification Program benefits and incentives available to AWS Partners. You can learn more about AWS Partner business motions and AWS Partner Programs here.

Partner Benefits
Listing of qualified devices in the AWS Partner Device Catalog
Eligibility for an annual AWS Credit benefit of $1,000[4] to help support qualification efforts
Eligibility for MDF benefit of $5,000[5] for every new device qualification[6] published in the AWS Partner Device Catalog
Eligibility to include qualified devices as part of use cases focused solutions in the AWS IoT Solutions Repository
Use of the AWS Device Qualification Program Badge for devices listed in the AWS Partner Device Catalog

Table 1: Overview of Partner Benefits

Please contact your AWS Partner Development Representative or AWS Partner Development Manager to discuss how to engage on the benefits offered.

Listing Devices

All submissions for the Device Catalog require your completion of a technical validation process and an AWS approval before a device will be accepted for listing. The review/approval process also covers aspects such as marketing content review and documentation.

All submissions for listing in the Device Catalog will be reviewed for completeness and accuracy, and your participation in the Device Qualification Program is subject to the terms and conditions outlined on the submission page of the Device Listing Portal. We sometimes may also require you to provide sample hardware (or software) to review technical implementation as well as overall user experience.

[4] See AWS Credit terms and conditions for more detail

[5] See joint marketing guide for MDF funding guidelines

[6] Newly qualified device listing not previously published, or published update of an existing listing with a newer AWS service version and/or using a newer version of the AWS test automation tool

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The diagram below outlines the general flow of submission, review, and approval.

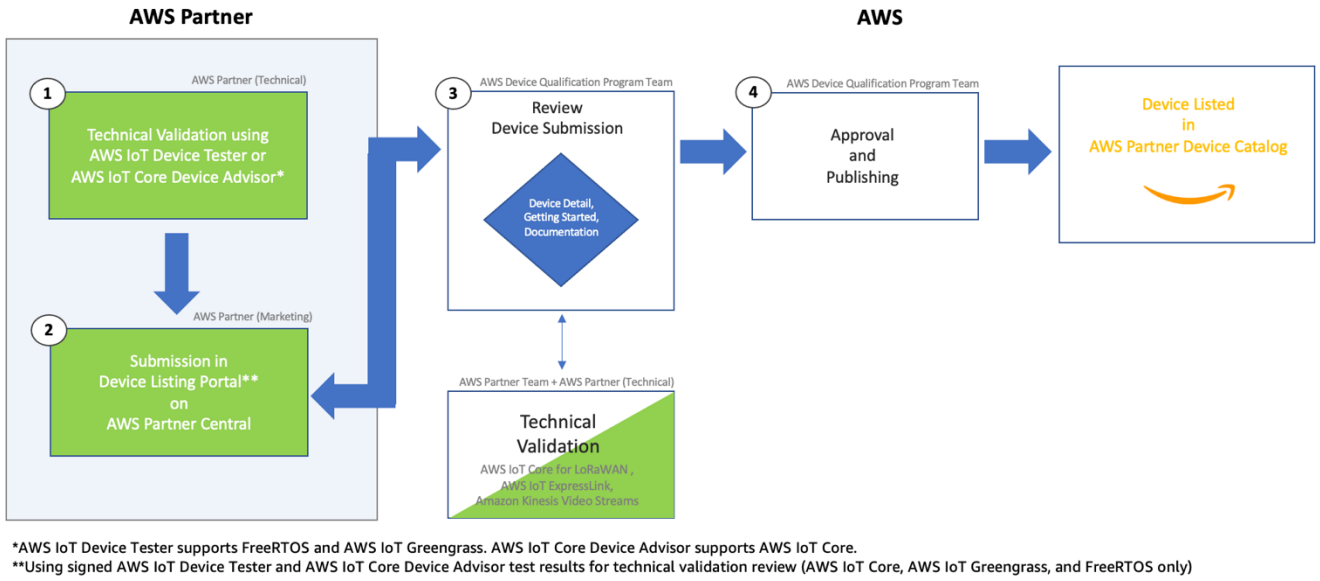

Figure 1: General Device Listing Flow

Device Listing Portal

In order to submit a device for listing in the catalog, log in to your AWS Partner Central account and select "Device Listing" in the main navigation bar to access the Device Listing Portal.

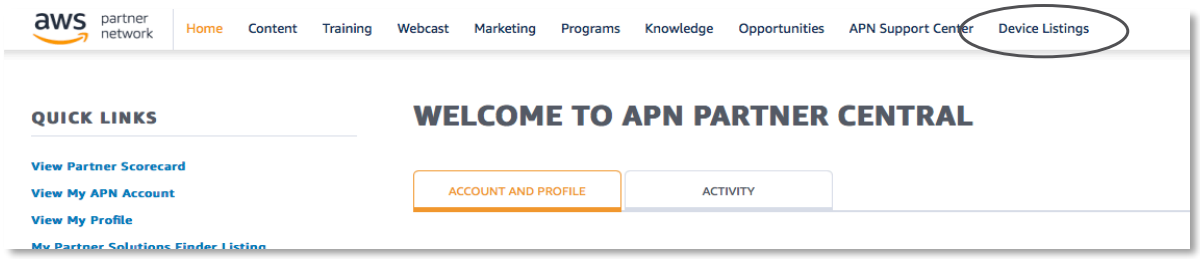

Figure 2: Access to Device Listing Portal on AWS Partner Central

The Device Listing Portal is your central hub that allows you to submit new devices for listing, monitor their submission/review status, and manage all your active listings.

Device Submission

As part of the device submission through the Device Listing Portal you are providing both technical and marketing related detail for your device, which will be used to review your submission and publish the device listing in the AWS Partner Device Catalog after successful approval.

Note: Customers will use the information you are providing about your device here to explore the Device Catalog and find devices that match their needs. Please make sure you provide as much detail as possible to enable customers to be successful, including more than one image of your device (or software). Be accurate and focus on the differentiation and expertise you are delivering.

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The first step is to provide information about the AWS service your device is supporting and its unique SKU (part number) information. The SKU is matched against applicable technical validation documentation assets, including AWS IoT Device Tester or AWS IoT Core Device Advisor test result files, that you are submitting with your listing.

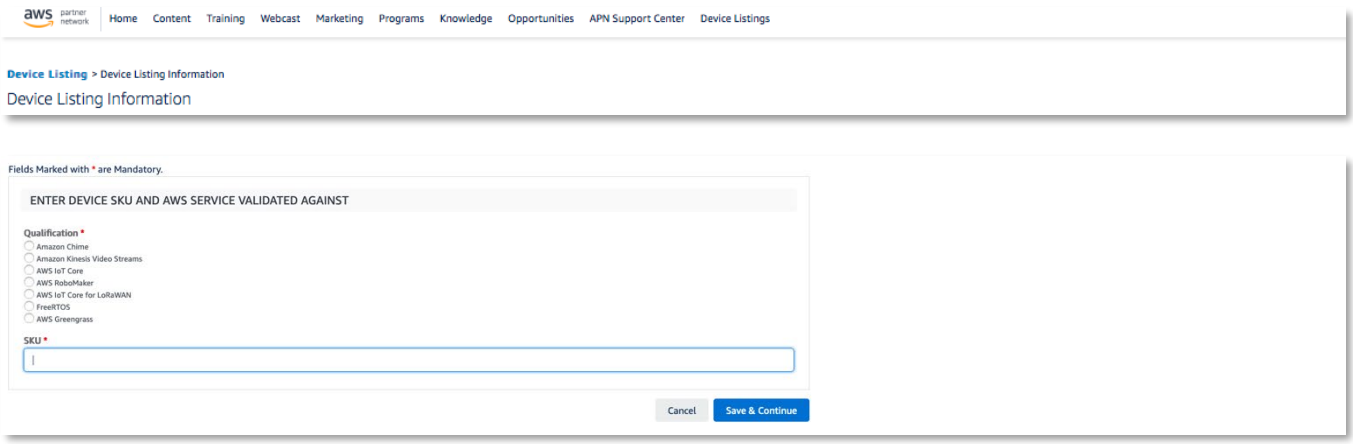

Figure 3: Device Listing Detail (1 of 4)

For FreeRTOS and AWS IoT Greengrass submissions, you are required to upload the AWS IoT Device Tester test result file. For AWS IoT Core submissions, you are required to upload the AWS IoT Core Device Advisor test result file. Only test result files indicating no test case failures are accepted by the Device Listing Portal.

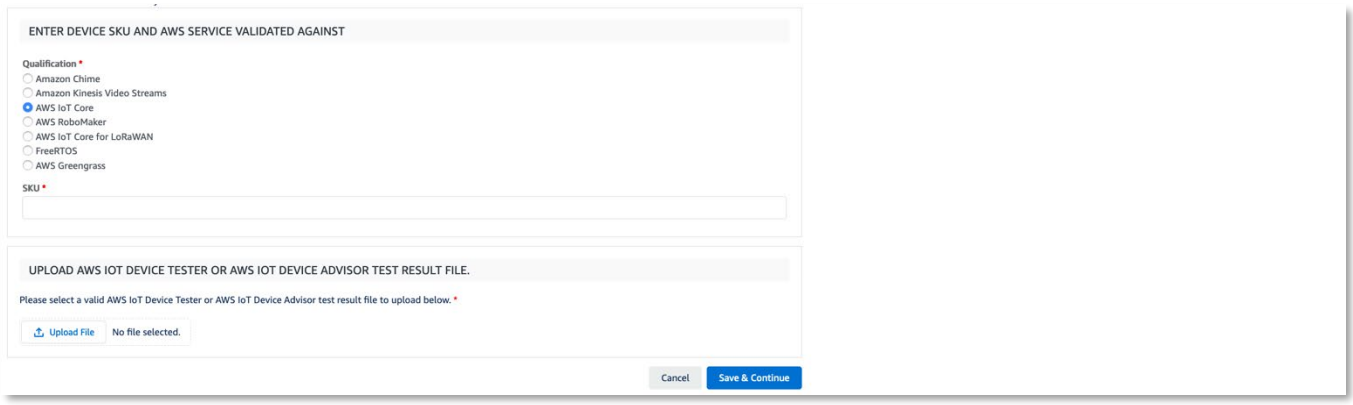

Figure 4: Device Listing Detail (2 of 4)

The SKU value you enter **must** be unique and match the SKU value in the AWS IoT Device Tester or AWS IoT Core Device Advisor test result file that you are providing.

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In the next step you are providing general device information such as device name, device type, descriptions, industries, applications, global availability, environmental specifications, up to four optional supporting assets such as technical validation documents, up to four product images, optional multimedia content, and all device listing detailed related URLs.

Adding multiple images provides additional value for users exploring the catalog. The same applies to relevant multimedia content that allows customers to learn more about your offering in general as well as the differentiating qualities of your products

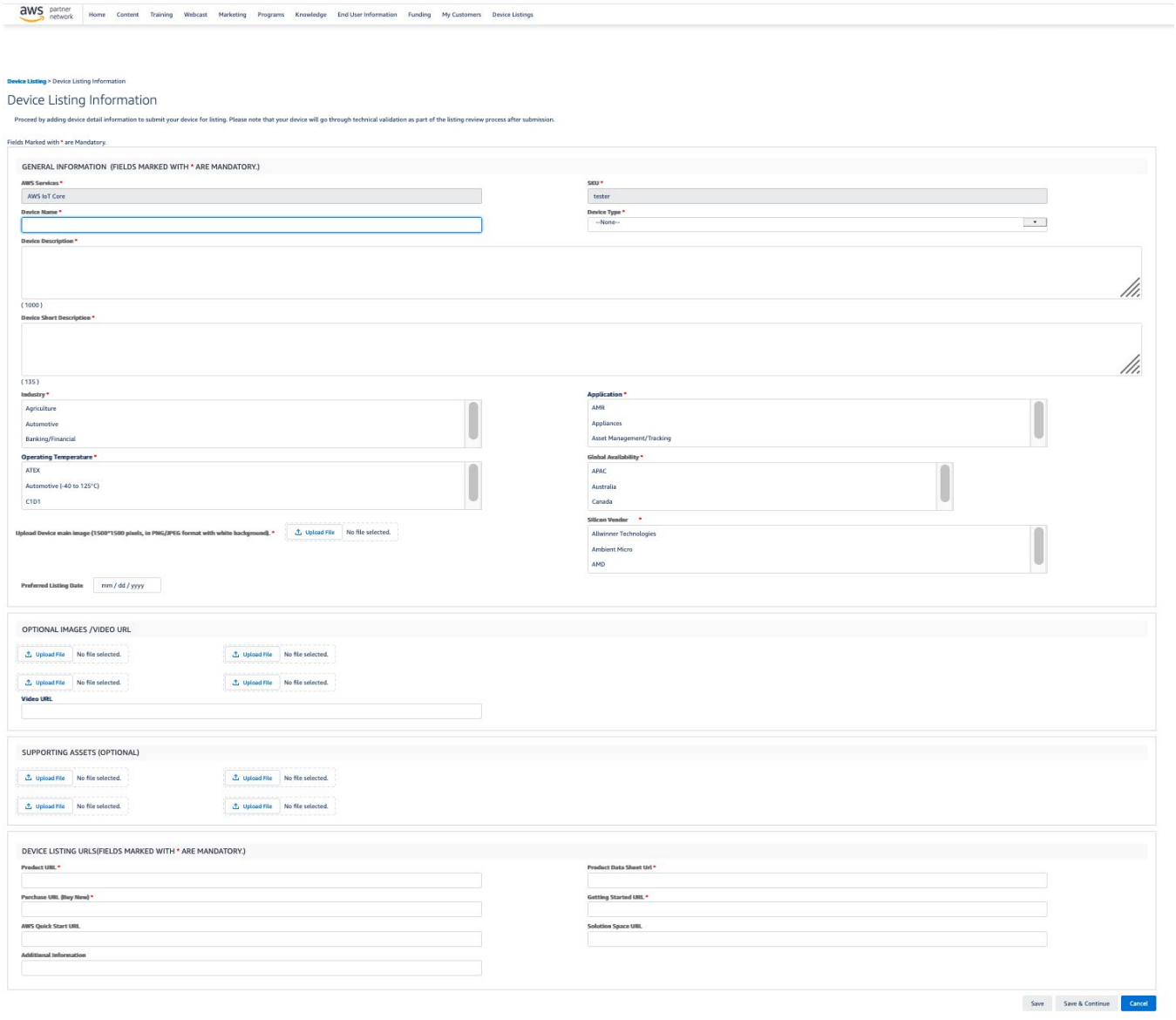

Figure 5: Device Listing Detail (3 of 4)

Note: The product images you are submitting need to have a white or transparent background, with an individual file size of less than 1 MB. The preferred image file formats are PNG and JPEG.

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Next, you specify the technical features and capabilities of your device, including industrial connectivity, security, hardware architecture, I/O interfaces, connectivity, programming languages, operating system support, mounting/form factor, and power requirements.

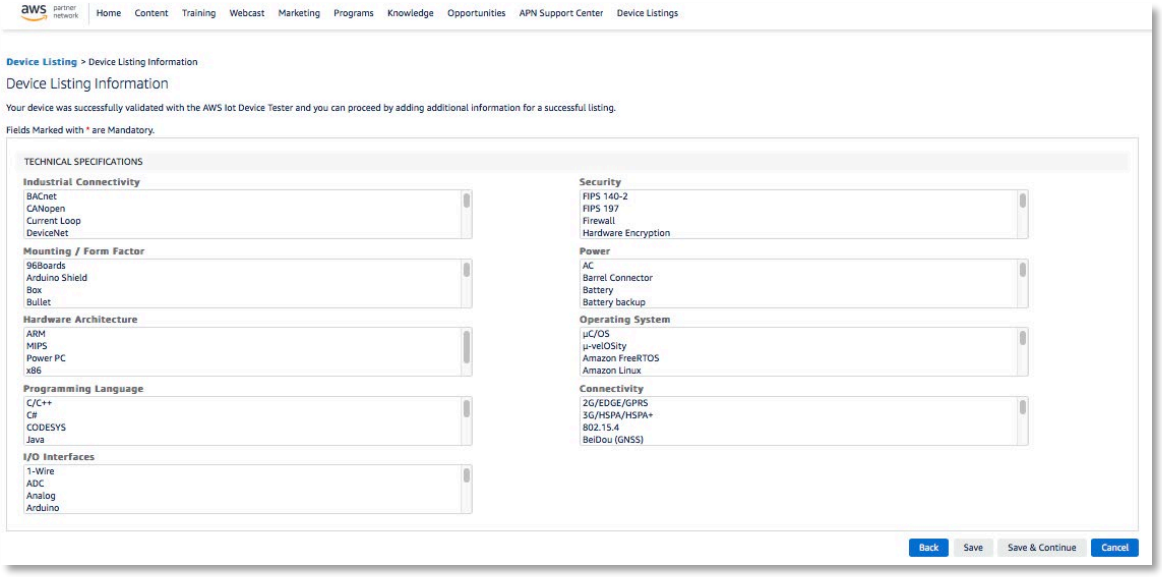

Figure 6: Device Listing Detail (4 of 4)

In the final step you will see a summary of the information you provided before you submit it for APN review. As part of this step you must also accept the terms and conditions of listing by click on the “Submit” button.

After you submitted your device, it will be listed in the Device Listing Portal with an initial Publication Status of “In Review”. The table below outlines the different kind of states your submission can have in the Device Listing Portal, the meaning, and whether the content of the submission can be edited.

Publication Status	**What does it mean?**	**Can Partners edit content?**
In Review	The content you submitted is being reviewed by the APN team	No, Partners cannot edit the submitted content while the submission is in this state
Rejected	The content was reviewed by the APN team and requires follow-up – please review the comments/reason provided	Yes, Partners can edit the content and resubmit it for approval
Accepted	The submission was approved and is listed in the AWS Partner Device Catalog	Yes, Partners can edit the content and resubmit it for approval

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Device Catalog

All devices that have been submitted and approved will be listed in the AWS Partner Device Catalog.

The catalog lists qualified devices that work with FreeRTOS, AWS IoT Greengrass, AWS IoT Core, AWS IoT Core for LoRaWAN, AWS IoT ExpressLink, and Kinesis Video Streams. This includes development kits and embedded systems to build new devices, as well as off-the-shelf-devices such as asset trackers, gateways, edge servers, sensors, and cameras for immediate IoT project integration.

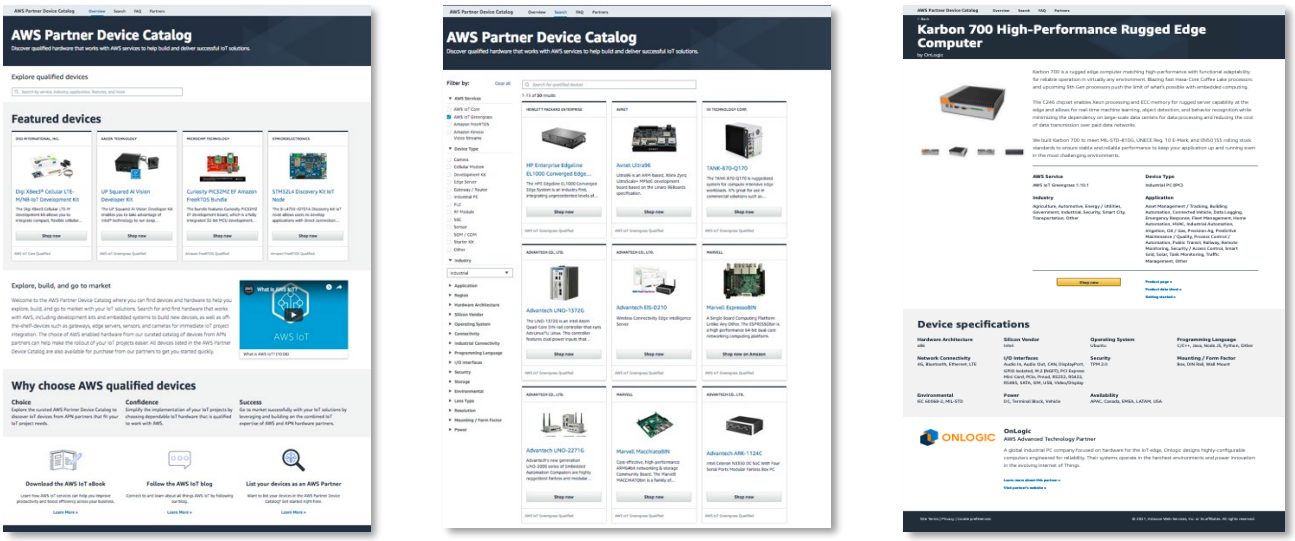

Figure 7: AWS Partner Device Catalog Examples

Choosing AWS enabled hardware from the curated AWS Partner Device Catalog can help make the rollout of IoT projects easier for customers by allowing them to build on the expertise of AWS Partners who offer hardware designed to work with AWS services. It is also a directory of qualified hardware devices that can be referenced when customers build AWS solutions with edge hardware.

Validation Guidelines

To list your device using the AWS Device Qualification Program, you submit your device and any additional materials requested to us for review. You can currently submit devices that work with FreeRTOS, AWS IoT Greengrass, AWS IoT Core, or Kinesis Video Streams for listing in the Device Catalog.

Qualification	What is the Technical Validation process?	Does Technical Validation have to be completed before submission?	Is a Getting Started Document for AWS required?	Is my Device Hardware required for listing approval?
FreeRTOS	Technical Validation for your devices must be completed using AWS IoT Device Tester for FreeRTOS	Yes, the AWS IoT Device Tester test result file indicating successful validation must be uploaded at the time of submission	Yes, all submissions must include a link to a Getting Started document that guides customers through the AWS setup for the submitted devices	Hardware may be requested after submission to verify technical validation requirements

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Qualification	What is the Technical Validation process?	Does Technical Validation have to be completed before submission?	Is a Getting Started Document for AWS required?	Is my Device Hardware required for listing approval?
AWS IoT Core	Technical Validation for your devices must be completed using AWS IoT Core Device Advisor	Yes, the AWS IoT Core Device Advisor test result file indicating successful validation must be uploaded at the time of submission	Yes, all submissions must include a link to a Getting Started document that guides customers through the AWS setup for the submitted devices.	Hardware may be requested after submission to verify technical validation requirements
AWS IoT Core for LoRaWAN®	Submitted devices will be qualified through a device-specific validation process	No, the technical validation of your device will be completed as part of the submission review process	Yes, all submissions must include a link to a Getting Started document that guides customers through the AWS setup for the submitted devices	Hardware may be requested after submission to verify technical validation requirements
AWS IoT ExpressLink[7]	Submitted devices will be qualified through a device-specific validation process	No, the technical validation of your device will be completed as part of the submission review process	Yes, all submissions must include a link to a Getting Started document that guides customers through the AWS setup for the submitted devices	Hardware may be requested after submission to verify technical validation requirements
AWS IoT Greengrass	Technical Validation for devices must be completed using AWS IoT Device Tester for AWS IoT Greengrass	Yes, the AWS IoT Device Tester test result file indicating successful validation must be uploaded at the time of submission	Yes, all submissions must include a link to a Getting Started document that guides customers through the AWS setup for the submitted devices	Hardware may be requested after submission to verify technical validation requirements
Kinesis Video Streams	Submitted devices will be qualified through a device-specific validation process	No, the technical validation of your device will be completed as part of the submission review process	Yes, all submissions must include a link to a Getting Started document that guides customers through the AWS setup for the submitted devices	Hardware may be requested after submission to verify technical validation requirements

Table 2: General Validation Requirements

Note: Getting Started Guide templates are available for download on AWS Partner Central. They are intended to help you create Getting Started Guides quicker with consistent document content, outline, and format. The use of these templates is optional.

We may review your device and related materials for listing in the Device Catalog at any time, including but not limited to security-related concerns or to check the accuracy of descriptions and other materials related to the device you submit.

All documentation and marketing related content provided by Partners must meet the requirements of the AWS Trademark Guidelines and APN Badge Guidelines, be provided in English (US) language, and be free of technical errors. Your participation in the AWS Device Qualification Program is subject to the APN Terms & Conditions and the AWS Device Qualification Program related Terms & Conditions outlined on the submission page of the Device Listing Portal.

[7] Currently in Preview. Please contact us for qualification guidance.

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AWS IoT Core

AWS IoT Core lets you connect IoT devices to the AWS cloud without the need to provision or manage servers. It can support billions of devices and trillions of messages, and can process and route those messages to AWS endpoints and to other devices reliably and securely.

AWS IoT Core supports HTTP, WebSockets, and MQTT (a lightweight communication protocol specifically designed to tolerate intermittent connections, minimize the code footprint on devices, and reduce network bandwidth requirements). AWS IoT Core also supports other industry-standard and custom protocols, and devices can communicate with each other even if they are using different protocols.

AWS IoT Core connectivity can be integrated in a wide range of devices including sensors, appliances, gateways, or servers. Qualification of devices for AWS IoT Core allows Partners to validate that their devices interoperate with AWS IoT Core, implement best practices, and helps give hardware vendors and their customers the confidence that devices will interoperate correctly and consistently.

The submission of devices validated for AWS IoT Core requires technical validation using AWS IoT Core Device Advisor. The corresponding test result file must be attached at the time of submission for listing. Only test results files indicating that all mandatory test cases have been passed successfully will be accepted for upload.

As part of the technical validation process for AWS IoT Core, you may be required to provide actual device hardware for qualification. The APN team will contact you after your initial submission has been reviewed to complete the validation process with you.

You can also find additional information for developers about the available AWS IoT Software Development Kits (SDK) for devices here.

AWS IoT Core for LoRaWAN®

AWS IoT Core for LoRaWAN enables customers to connect wireless devices that use low-power, long-range wide area network (LoRaWAN) technology. Using AWS IoT Core, customers can set up a private LoRaWAN network by connecting their own LoRaWAN devices and gateways to the AWS Cloud - without developing or operating a LoRaWAN Network Server (LNS). This eliminates the undifferentiated development work and operational burden of managing an LNS and associated infrastructure, accelerating the network setup time.

The technical validation process for AWS IoT Core for LoRaWAN may require you to provide actual device hardware to complete your qualification. The APN team will contact you after your initial submission has been reviewed to complete the validation process with you.

Learn more about AWS IoT Core for LoRaWAN here.

AWS IoT ExpressLink

A module powered by AWS IoT ExpressLink is a hardware connectivity module that makes it fast and easy to connect electronic devices directly to the AWS Cloud. Modules powered by AWS IoT ExpressLink accept a set of standard commands over a serial port, helping host applications establish a secure connection to the AWS Cloud and exchange data with AWS services. They offload the application processor from the complex workload required to communicate with the cloud, such as authentication, and messaging, and simplify device management, including helping with monitoring and securely updating fleets of devices at scale. Modules powered by AWS IoT ExpressLink were developed based on input from microcontroller vendors, OEMs, and

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module makers regarding the complexity and repetitiveness of migrating existing hardware and software designs to new/different MCUs and RTOSs. These modules provide a scalable solution for migrating millions of embedded applications to cloud-connected applications.

Learn more about AWS IoT ExpressLink here.

Note: AWS IoT ExpressLink is currently in Preview. Please contact the AWS Device Qualification Program team via e-mail at aws-dqp@amazon.com to discuss the qualification of AWS IoT ExpressLink enabled devices before you submit your device through the Device Listing Portal on
AWS Partner Central.

AWS IoT Greengrass

AWS IoT Greengrass lets you build IoT solutions that connect different types of devices with the cloud and each other. Devices that run Linux, including distributions such as Ubuntu and Raspbian, and support Arm or x86 architectures can host the AWS IoT Greengrass Core. The AWS IoT Greengrass Core enables the local execution of AWS Lambda code, messaging, data management, and security. Devices running AWS IoT Greengrass Core act as a hub that can communicate with other devices that are running FreeRTOS or have the AWS IoT Device SDK installed. These devices can vary in size, from smaller microcontroller-based devices to large appliances. AWS IoT Greengrass Core devices, AWS IoT Device SDK-enabled devices, and FreeRTOS devices can be configured to communicate with one another in an AWS IoT Greengrass group. If the AWS IoT Greengrass Core device loses connectivity to the cloud, devices in the AWS IoT Greengrass group can continue to communicate with each other over the local network.

The submission of devices validated for AWS IoT Greengrass requires technical validation using the AWS IoT Device Tester tool for AWS IoT Greengrass. The corresponding test result file must be attached at the time of submission for listing. Only test results files indicating that all mandatory test cases have been passed successfully will be accepted for upload.

Learn more about AWS IoT Device Tester for AWS IoT Greengrass, and refer to the AWS IoT Greengrass FAQ for current information about supported target CPU architectures and operating system platforms.

As part of the technical validation process for AWS IoT Greengrass, you may be required to provide actual device hardware for qualification. In this case, the APN team will contact you after your initial submission has been reviewed to complete the validation process with you.

FreeRTOS

FreeRTOS is an open source, real-time operating system for microcontrollers that makes small, low-power edge devices easy to program, deploy, secure, connect, and manage. Distributed freely under the MIT open source license, FreeRTOS includes a kernel and a growing set of software libraries suitable for use across industry sectors and applications. This includes securely connecting your small, low-powered devices to AWS cloud services like AWS IoT Core or to more powerful edge devices running AWS IoT Greengrass. FreeRTOS is built with an emphasis on reliability and ease of use.

IoT Reference Integrations are pre-integrated FreeRTOS projects ported to microcontroller-based evaluation boards that demonstrate end to end connectivity to the cloud. The Device Qualification Program for FreeRTOS validates pre-integrated FreeRTOS projects ported to microcontroller-based boards using AWS IoT Device Tester for FreeRTOS. It gives developers confidence that the FreeRTOS port behaves correctly and consistently with AWS IoT. For more information, see the FreeRTOS documentation.

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The qualification process helps ensure that developers can get a reliable and consistent experience across a wide range of qualified MCU-based development boards, allowing them to focus on designing the application code for their product. It also makes a qualified board eligible for listing in the AWS Partner Device Catalog, which further simplifies the development experience by allowing developers to search for, verify, and select qualified hardware. This enables them to rapidly evaluate, prototype, and productize IoT solutions by bridging the gap between cloud developers and embedded engineers.

The submission of devices requires you to provide mandatory technical validation detail specific to FreeRTOS:

- Validation of the target port using the AWS IoT Device Tester for FreeRTOS
    - Corresponding test result file for your device must be attached at time of submission
    - Only test results files indicating that all mandatory test cases have been passed successfully will be accepted for upload

- Link to our code repository (URL) hosting your FreeRTOS BSP and related files

Learn more about AWS IoT Device Tester for FreeRTOS, and how to get started with FreeRTOS for additional information about current target platform/porting and validation requirements.

As part of the technical validation process for FreeRTOS, you may be required to provide actual device hardware for qualification. In this case, the APN team will contact you after your initial submission has been reviewed to complete the validation process with you.

Kinesis Video Streams

Amazon Kinesis Video Streams enables you to securely ingest, process, and store video and time-encoded data from IoT devices such as cameras at any scale for real-time and batch-oriented machine-vision based applications that power smart homes, smart cities, industrial automation, security monitoring, and more. It supports HTTP Live Streaming (HLS) to enable live and on-demand playback of video ingested from devices on any browser or mobile app. Integration with Amazon Rekognition Video enables building computer vision applications that detect and recognize faces in streaming video, including machine learning frameworks such as Apache MxNet, TensorFlow, and OpenCV for custom applications. Kinesis Video Streams automatically provisions and elastically scales all the infrastructure needed to ingest video streams from millions of devices.

Please contact the AWS Device Qualification Program team via e-mail at aws-dqp@amazon.com to discuss the qualification of Kinesis Video Streams enabled devices before you submit your device through the Device Listing Portal on AWS Partner Central.

Device Qualification Program Badge and References

The Device Qualification Program Badge is provided to Partners participating in the AWS Device Qualification Program. Its use is limited to marketing and technical information for devices that are actively listed in the AWS Partner Device Catalog and the specific AWS service they were qualified for.

AWS Partners are responsible for the qualification of their devices, and AWS reviews the technical validation results of device qualification submissions by Partners before their devices are approved for listing in the catalog. **Do** refer to qualified devices listed in the catalog as “qualified to work with AWS” or “qualified for AWS” in conjunction with the AWS service name the devices are qualified for, e.g. “qualified to work with AWS IoT Greengrass” or “qualified for AWS IoT Greengrass”. **Do not** reference to qualified devices (or the qualification) using such terms as “AWS qualified”, “AWS certified”, “certified for AWS”, or any other terms suggesting AWS is responsible for qualifying your device or that your device has been certified in any manner.

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Badge Designs

The badge is currently available with black and white background. The available languages are Chinese (Simplified), English, French, and Japanese.

Device Qualification / Language	AWS IoT Core, AWS IoT Core for LoRaWAN, AWS IoT Greengrass	FreeRTOS	Amazon Kinesis Video Streams
English	aws qualified device internet of things	aws qualified device FreeRTOS	aws qualified device
Chinese (Simplified)	aws 合格设备 物联网	aws 合格设备 FreeRTOS	aws 合格设备
French	aws produit qualifié Internet des objets	aws produit qualifié FreeRTOS	aws produit qualifié
Japanese	aws 認定デバイス IoT	aws 認定デバイス FreeRTOS	aws 認定デバイス

Table 3: AWS Device Qualification Program Badges

Placement Examples

The badge should be shown prominently and only in direct association with a Partner's qualified device, not by itself without the immediate context of qualified device related product information.

Below you will find recommended placement choices based on the example of a product web page:

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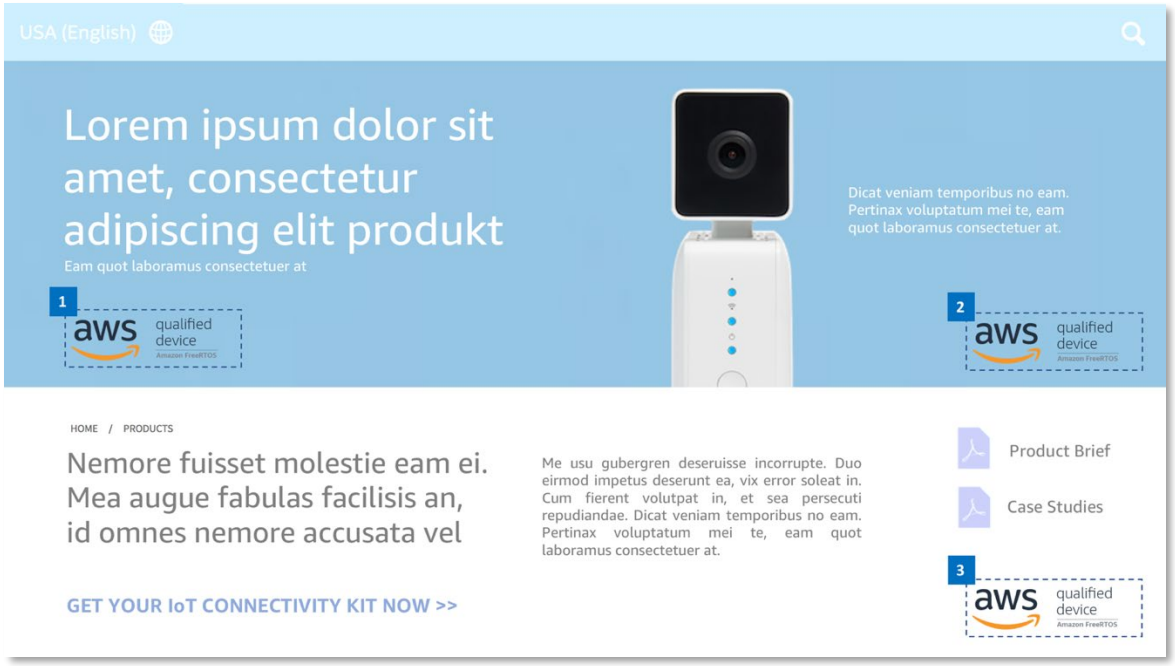

Figure 8: DQP Badge Placement Examples

See also the APN Messaging and Branding Guide for detailed guidelines to help AWS Partners to build assets for marketing campaigns that reference AWS, including the AWS Device Qualification Program. Each section in this guide contains principles to help you build engaging marketing collateral that follows APN messaging and branding guidelines.

Partners in the AWS Partner Network (APN) are responsible for the qualification of their devices. AWS reviews the technical validation results of device qualifications submission by partners before they are approved for listing in the catalog. You may only refer to qualified devices listed in the catalog as “qualified to work with AWS” or “qualified for AWS” in conjunction with the AWS service the devices are qualified for, e.g. “qualified to work with AWS IoT Greengrass” or “qualified for AWS IoT Greengrass”. You may **not** reference to your qualified devices as “AWS qualified”, “AWS certified”, “certified for AWS”, or other wording implying that device qualification is the responsibility of AWS.

Badge Usage Guidelines

The Guidelines below are intended for use by eligible AWS Partner Network (“APN”) members that participate in the AWS Device Qualification Program (“AWS DQP”) and wish to use badge(s) that AWS makes available in connection with AWS Device Qualification Program (“AWS DQP Badges”). Only APN members that are explicitly authorized in writing by AWS to use the AWS DQP Badge (“AWS DQP Partners”) may do so. Unless you have received an email or other written communication from AWS authorizing you to do so, you may not use the AWS DQP Badges. These guidelines do not include guidelines for use of non-AWS DQP specific trademarks such as the Amazon Web Services trademarks, which can be found online. For details regarding use of the overall AWS brand, please reference the AWS Trademark Guidelines. If you are unsure of how these requirements apply to your specific business case, contact us for assistance.

The requirements apply to each individual element of your product offering, ad creative, or promotional material (e.g. website, sales material, order forms, banner ads, email newsletters, printed materials, or other advertising, etc.)—anywhere you mention your participation in the AWS DQP.

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Eligibility for use: AWS Partners that are participating in the AWS DQP are eligible to use the AWS DQP Badges. The Badge is intended for use only by eligible AWS Partners wishing to show that the specific AWS Partner product offering ("Device") is an active listing in the AWS Partner Device Catalog ("Catalog") for the specific AWS service the listing was approved for.

Use of AWS DQP Badges: AWS DQP Partners will have a nonexclusive, worldwide, royalty-free, revocable license to display the most recent version of that badge on their website or in their own offline materials (e.g., in any printed material, mailing, or other document) solely to identify that the specific Device is listed in the Catalog. This includes use of the AWS DQP Badges on trade show booths, sales material, etc.

General Guidelines for Usage of the AWS DQP Badges: When using the AWS DQP Badges all AWS DQP Partners must comply by the following general guidelines, in conjunction with the AWS Trademark Guidelines:

- *Keep the focus on your company.* The AWS DQP Badges should not be more prominent than your badge. On any email or mail campaigns, it needs to be clear that the correspondence is not from AWS, but from your company. Additionally, AWS cannot be mentioned in the subject line of any e-mails or on the outside of any direct mail pieces.
- *Prohibited brand usage.* You may not use any AWS brand, including the AWS DQP Badges, to disparage Amazon or AWS, its products or services, or Partners in a manner which, in AWS's sole discretion, may diminish or otherwise damage or tarnish Amazon's or AWS's goodwill.
- *AWS is not a sponsor of your promotions.* Your use of the AWS brand, including the AWS DQP Badges, should not imply a formal business Partnership or sponsorship of your promotions.
- *"Amazon Web Services" is our name.* If you choose to reference our three-word name, each word and abbreviated letter is always capitalized and can be used only as "Amazon Web Services" or as "AWS." "Amazon" is always capitalized, unless you are referring to our website at www.aws.amazon.com.
- *You are a participant in the AWS DQP.* You cannot directly advertise the AWS website. Do not publish links to an AWS sign-up page. Incidental references to AWS product pages are permissible when necessary to explain a feature of your services (e.g. Product allows back-up on Amazon S3 and a link to the Amazon S3 product page is provided). Use of AWS URLs should also conform to the AWS Trademark Guidelines. Any mention of AWS URLs should be removed upon request by AWS.
- *URL Links.* Do not use "AWS" or any of the AWS trademarks within your URL. For example, the URL, www.acme-aws.com, is not permissible use of the AWS brand or trademark. An example of permissible use would be: www.acme-software.com/aws. AWS may request removal of a URL link that is in violation of these guidelines.
- *Modification of Badges:* You must comply with our Trademark Guidelines found at http://aws.amazon.com/co-marketing/#badge-program. Our trademarks should not be altered in any way.

Right to Audit: AWS may periodically perform random audits of your materials to ensure compliance with these requirements. If an item is selected for review, AWS will contact you directly.

AWS reserves the right, at its sole discretion, to modify these AWS DQP Badge Guidelines at any time and to take appropriate action against any use without permission or any use that does not conform to these requirements.

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FAQs

Who is eligible for listing devices in the AWS Partner Device Catalog?
Partners in the AWS Partner Network (APN) are eligible to submit devices for validation and listing in the Device Catalog as part of the AWS Device Qualification Program. You can register as an AWS Partner here.

How much does it cost to qualify a device for listing?
Participation in the AWS Device Qualification Program is made available to AWS Partners at no additional cost.

Where can I find more information about the FreeRTOS and AWS IoT Greengrass validation using AWS IoT Device Tester?
Please visit the Device Tester pages for FreeRTOS or AWS IoT Greengrass for details about AWS IoT Device Tester and the related validation requirements.

Where can I learn more about using AWS IoT Core Device Advisor for AWS IoT Core validations?
You can learn more about how to use AWS IoT Core Device Advisor here.

Where can I learn more about the AWS Device Qualification Program?
Visit the AWS Device Qualification Program page here to learn more about the program.

How do I get technical support related to the qualification/validation process of my devices?
For technical questions related to the device validation process, including the AWS IoT Device Tester tool, you may use AWS support options such as the AWS online forums and AWS Support. Additional paid-for support services to assist partners in device qualification related efforts such as porting or validation readiness are also available from third-party service providers.

How do I provide hardware for device qualification, and will I get the device I provided back?
If hardware is required to complete a technical validation, we will contact you after you have submitted your device for listing to arrange the shipping details. Unless mutually agreed upon, we will return submitted hardware to you when it is no longer needed for qualification related purposes.

How do I get help for questions related to access and use of the Device Listing Portal on AWS Partner Central?
Please contact the APN Support team via email for questions related to the Device Listing Portal user experience on AWS Partner Central, including issues and general feedback.

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Program Terms & Conditions

Your participation in the Device Qualification Program is subject to the APN Terms & Conditions. You will ensure that all materials and information you submit in connection with the Device Qualification Program, including all data, text, music, sound, photos, graphics, code or other materials ("Your Materials") remain up-to-date and accurate. You may remove a device from the Device Qualification Program at any time in accordance with the AWS Device Qualification Guidelines. We may also remove any device from the Device Qualification Program at any time for any reason. We are not involved in any underlying transaction between you and any purchaser of your devices and you are solely responsible for technical support for your listed devices. You will defend, indemnify, and hold harmless us, our affiliates and licensors, and each of their and our respective employees, officers, directors, and representatives from and against any loss, claim, liability, damage, action or cause of action (including reasonable attorneys' fees) arising out of or relating to any third party claim concerning: (a) alleged infringement or misappropriation of any third-party rights by any device you submit to the Device Qualification Program or Your Materials; (b) a dispute between you and any purchaser of a device you submit to the Device Qualification Program; or (c) any actual or alleged violation of law, gross negligence, willful misconduct, or fraud by you in connection with Your Materials or devices you submit to the Device Qualification Program.

By submitting devices for listing in the device catalog you represent and warrant that (a) Your Materials do not infringe upon, violate or misappropriate any trademarks, trade secrets, copyrights, patents or other intellectual property or proprietary rights of any third party in any country; (b) Your Materials are accurate and not misleading; and (c) use and posting of Your Materials does not violate the APN Terms & Conditions and will not violate any rights of or cause injury to any person or entity.

We may list your company name, company badge, website or any other information currently available in the Amazon Partner Network directory in a Device Qualification Program directory, in other similar resources, and/or on our website. You grant us a nonexclusive, worldwide, royalty-free license to use (i) Your Materials and (ii) your name, website, general contact information and any trademark, service mark, trade name, other proprietary badge or insignia, URL, domain name, or other source or business identifier that you provide to us and (iii) any other content that you provide to us in connection with the Device Qualification Program; in connection with a Device Qualification Program directory, customer lists, commercial presentations, flyers, brochures, newsletters and similar resources. We may make reasonable changes or alterations to Your Materials to optimize viewing. Neither party, nor any of their respective affiliates, is an agent of the other for any purpose or has the authority to bind the other.

We may change the Device Qualification Program or any aspect of it, including terms contained on this page, at any time in our sole discretion upon notice to you, including without limitation, changing or discontinuing any benefits offered under the Device Qualification Program. Unless we state otherwise, any changes to the Device Qualification Program will become effective at the time of delivery of such notice. By continuing your participation in the Device Qualification Program after the effective date of any such modifications, you agree to be bound by the modified terms.

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