

# Compliance Portal- User Guide

Version 1.3

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<b>Abstract:</b> This user guide contains step-by-step instructions to navigate different aspects of the ioXt Compliance Portal website.
<b>Keywords</b>

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## 2 Document Version Information

Version	Date	Author	Description
0.1	04/24/20	Subin Shrestha (ioXt)	Initial draft of the step by step user guide.
0.2	05/05/20	Subin Shrestha (ioXt)	Made the document cleaner and easier to read, adopted some suggestions provided by Elizabeth.
1.0	05/06/20	Subin Shrestha (ioXt)	Moved to released.
1.1	05/15/20	Subin Shrestha (ioXt)	Changed demo URL.
1.2	09/17/20	Subin Shrestha (ioXt)	Update for updated UI
1.3	09/22/20	Subin Shrestha (ioXt)	New feature updates

## 3 Participants

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## 4 Introduction

### 4.1 Purpose

This user guide provides a step-by-step guide on using the ioXt Compliance portal. This includes viewing the certified devices as a public user, log in as an authorized user, walk through each step to answer certification questions, and finally make a payment so that ioXt can provide the appropriate certification assets.

### 4.2 Acronyms and Abbreviations

Acronym	Definition
AA	Automatically applied updates Pledge Item
VDP	Vulnerability Disclosure program pledge item
SE	Security Expiration Date pledge item
UP	No universal password pledge item
PC	Proven Cryptography pledge item
SD	Security by default pledge item
SI	Secured interfaces pledge item
VS	Verified software pledge item
GMS	Google Mobility Services

### 4.3 Definitions

Term	Definition
Manufacturer	The manufacturer is the entity that is certifying the device.
Tester	The tester is the entity that is performing the test of the device. If the device is being validated by the manufacturer, then the tester is the manufacturer. Otherwise, the tester is a third-party test lab.
Device	The device being tested may be a physical device, device with connected service, or application.
Device State: Unconfigured	This is the state in which the device has been shipped from the factory. The device has not been connected to any account, network, or can perform normal operations.
Device State: Initialized	This is the state in which the device has been configured and connected to the user's network. This state does not include the association of the device to the user's account.
Device State: Registered	This is the state in which the device has been connected to a network and has been associated with a user account. The device is not in the operational state.
Device State: Operational	This is the state in which the device has gone through initialization and registration and is now ready for normal user operations.

Device State: Management	This is the state in which the device is being configured by an administrator to set security impacting features, such as user access lists or passwords.
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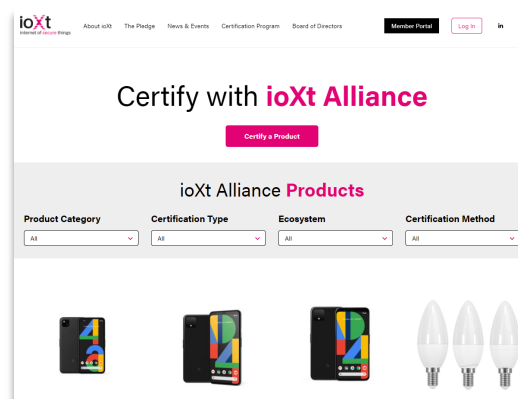
#### 4.4 References

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## 5 Accessing the portal

The ioXt Compliance Portal website can be accessed here –

<https://compliance.ioxtalliance.org/products>

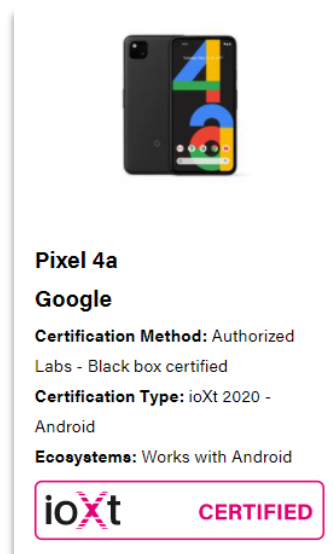


## 6 Navigating the portal as public user

### 6.1 Features available for a public user

#### 6.1.1.1 View all ioXt Alliance registered products

**In the Compliance portal home page, scroll down to see a grid of all registered products.** This view displays the product image, product name, the manufacturer name, Certification Method, Certification Type and Ecosystems as denoted by the manufacturer and an ioXt Certified stamp (if the device is certified).



### 6.1.1.2 Filter results for Alliance products

Use the available dropdown filters on the home page to narrow the product grid results. You can filter by Product Type, Certification Type, Ecosystem, Certification Method and Ecosystems

Product Type	Certification Type	Ecosystem	Certification Method
All	All	All	All

### 6.1.1.3 Identify products that are ioXt Alliance certified

The ioXt Alliance certified logo allows the user to quickly view products that have been **certified** by the Alliance. If a product has at least one firmware that has been certified by the ioXt Alliance, then **the product will display an ioXt certified logo in the product grid and the product details page.**



### 6.1.1.4 View product details

1. Click on a product in the product grid to view the product details page. In the product details page, you can:
  - a. View various firmware versions of the device and the security levels of each firmware version.
  - b. View the security level achieved by the device firmware for each pledge item

**Pixel 4a**  
**Google**

QD4A.200806.003

**ioXt CERTIFIED**

Meet Pixel 4a, the helpful Google phone at a helpful price. It comes packed with the things you want most in a phone. You can take great photos, even if the lighting isn't right. It can even capture the Milky Way. (Yes, that Milky Way.) It has an Adaptive Battery that lasts up to 24 hours. And with the new Google Assistant, you get the help you need, fast. Pixel 4a comes with all this and more, for a lot less than you'd expect.

[Visit Pixel 4a web page](#)

[Dispute Certification](#) [Report Vulnerability](#)

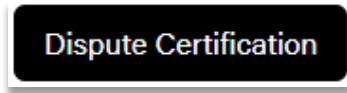
2. Click on the dropdown arrow next to each pledge (e.g. Verified Software) to view the yardstick details

Verified Software ^	Level 3
VS1 - Manufacturer has an update patch policy	Yes
VS2 - Software images including plug-ins and apps are signed and verified	Yes
VS3 - Proven Cryptography	Yes
VS4 - Anti-rollback	Yes
VS5 - Software images are verified at boot time	Yes
VS6 - Secure Boot based on hardware root of trust	Yes



#### 6.1.1.5 Submit disputes against the manufacturer's security claims

Click on the “Dispute Certification” button in the product details page to challenge the manufacturer's security claims.



This will open a pop-up window where the user can submit a dispute on an individual pledge item against the manufacturer's security claims

A form for submitting a dispute. It includes fields for Pledge (dropdown), Test Case (dropdown), Full Name (text), E-Mail Address (text), and Message (text area). Below the message field is a checkbox for "I agree to Terms and Conditions" and a link "Click here to view researcher rewards". At the bottom is a red "Submit" button.

## 7 Navigating the portal as a corporate user

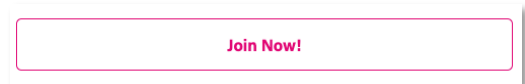
### 7.1 Features available for a corporate user

#### 7.1.1.1 Create a new corporate user (first time user)

1. In the Certification portal's main page, click on the “Certify a Product” button, or the “Log In” button on the top right to get to the login page.



2. Click the “Join Now” button in the Log in page.



3. Enter your information in the web form and click Submit.

An ioXt Alliance member will contact you with a user agreement contract. Once the contract is signed and returned, ioXt will create an account and send an email with a one-time link to create a new password for your new account.

#### Register for the ioXt Certification Program

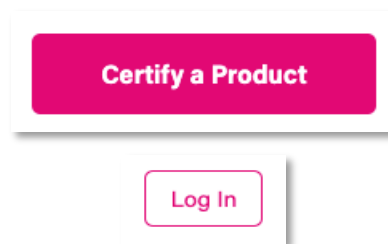
Enter your information and an ioXt Alliance representative will contact you to begin the Certification Program. If you are currently not an Implementor or Contributor member with the ioXt Alliance, by registering you will be upgraded to the Implementor membership. [Click here](#) for additional information on membership levels.

A registration form with fields for Full Name (first and last), Phone, Company, Title, and Work E-Mail. Below the fields are two checkboxes: "As an ioXt Alliance member, I have read and agree to the ioXt Alliance Policy Statement." and "As an ioXt Certification Program participant, I have read and agree to the Subscription and Certification Services Agreement." At the bottom are "Cancel" and "Submit" buttons.

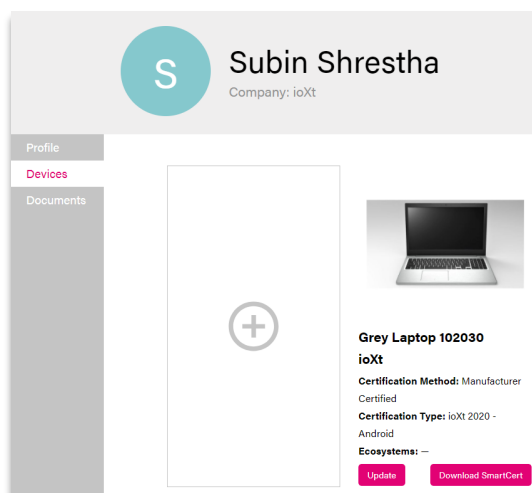


### 7.1.1.2 Add a new device for certification or registration

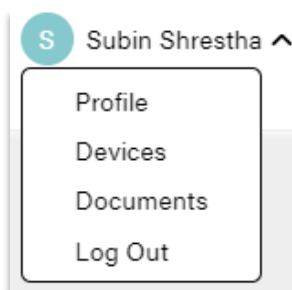
1. Once you have received the account information from ioXt and created your password, sign in to the portal with your new password by either clicking the “Certify a Product” button or the “Log In” button on the home page.



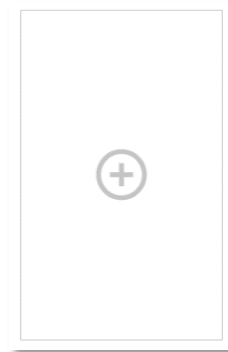
2. You will be navigated to the Manufacturer Dashboard: Devices page.



3. You can also get to the Devices Dashboard, by clicking on account name on the top right, and select “Devices”.



4. Click on the big “+” icon.



5. Fill in the details of the product and firmware that you want to register.

- a. Make sure to select the targeted certification type for the device in the “Certification Type” dropdown to answer questions related to that certification type.

Certification Type	ioXt 2020
Certification Method	ioXt 2020 - Android
Publication Date	ioXt 2020 - Smart Speaker

- b. The “Publication Date” provides the option to choose the date that the user wants the product firmware to be published in the ioXt Alliance Certified Products website publicly. You can independently toggle the visibility of your device after you’ve completed the certification of the devices.

Publication Date	, mm/dd/yyyy	📅
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6. Click “Next”. This action will save your device firmware info in our database, so that you can easily revisit the device and change its properties as needed.

7. In the next page add any external certifications if applicable (Optional – click “Next” if no external certifications to add)

### External Certifications

Select all applicable ioXt partner certifications for this device firmware version from the list below. Click Next to skip.

#### Certification Type

Android GMS Certification

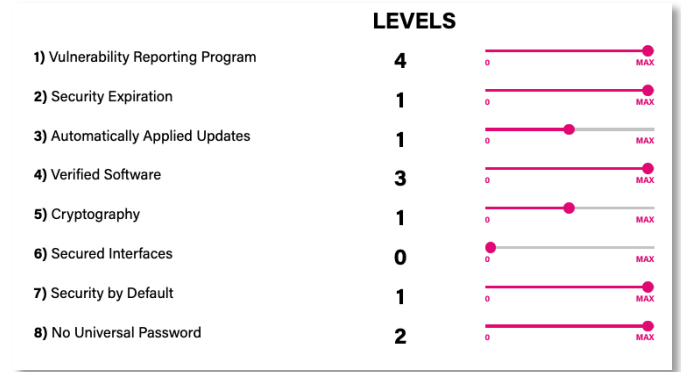


8. For the next set of 8 pages (more if you selected a certification type that is not ioXt 2020 base), fill in the questionnaire for each Pledge item page and click “Next” after each page

MANUFACTURER	
<input checked="" type="checkbox"/>	1 Vulnerability Reporting Program
<input checked="" type="checkbox"/>	2 Security Expiration
<input checked="" type="checkbox"/>	3 Automatically Applied Updates
<input checked="" type="checkbox"/>	4 Verified Software
<input checked="" type="checkbox"/>	5 Cryptography
<input checked="" type="checkbox"/>	6 Secured Interfaces
<input checked="" type="checkbox"/>	7 Security by Default
<input checked="" type="checkbox"/>	8 No Universal Password
	9 Review



9. Once all items are filled, the review page will display a summary of the security profile for the device.



10. Click Submit if you are ready to register this device firmware.

11. In the payment page, click on the “Request Invoicing” button.

Payment method:

☒ PayPal

☐ PayPal CREDIT

☐ Debit or Credit Card

Powered by PayPal

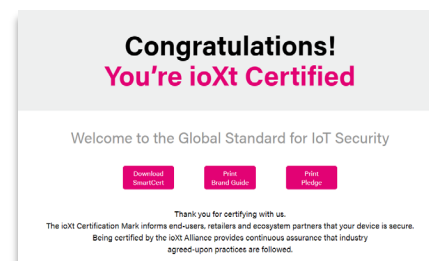
OR

☒ Request invoicing

12. Fill in the invoice form with appropriate data and click the “Request Invoice” button.

Congratulations! You have just completed certification of your device.

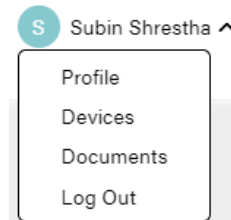
Please be sure to download the available marketing materials for your review.



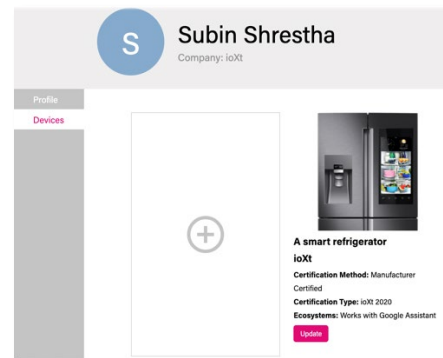
If you entered the “Publication Date” to current day or earlier while creating the firmware (in Step # 5b), then your device will now be visible on the ioXt Alliance Compliance portal products page. You can always go back and update this value from the Devices Dashboard page.

#### 7.1.1.3 Update a device

1. Click on the user menu on the top right, and select devices



2. You will be navigated to the Manufacturer Dashboard: Devices page. Click the “Update” button for the device you want to modify.



3. Select a previously created firmware by clicking on the dropdown or create a new firmware by typing a new value in the same text box.
4. Repeat the process as necessary.

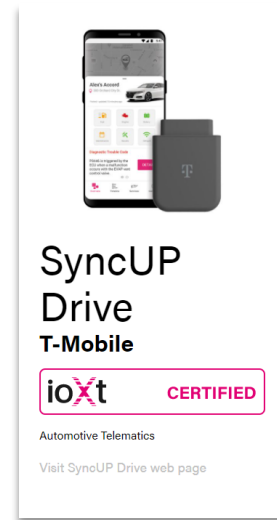


#### 7.1.1.4 Download SmartCert QR Code for your device (if certified)

1. If you have completed the certification of a product and made the appropriate payments, you should see a “Download SmartCert” button below your product in the Devices page.

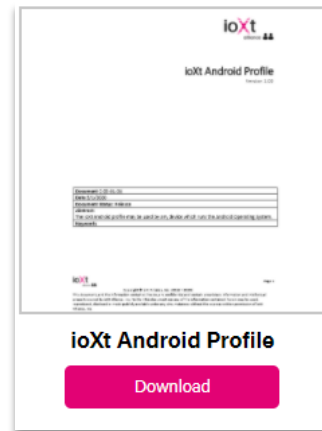


2. Click the “Download SmartCert” button to download a unique QR Code for the product. Scanning this QR code will navigate the user to our mobile friendly SmartCert page for the consumer.



#### 7.1.1.5 Download available documents

1. As a logged in user, click on the “Documents” tab on the left to view all available Alliance documents (e.g. ioXt 2020 Base profile, ioXt Certified assets Brand guidelines etc.)



2. You will also find any Compliance Reports that are ready for your certified devices here.



Contact [labsupport@ioxtalliance.org](mailto:labsupport@ioxtalliance.org) for any questions.

