

Cyberspect Quick Start

Abbott Laboratories | January 2023

Contents

Overview	1
Requesting Access	1
Login	1
Scanning a Mobile App	2
Recent Scanned Apps	3
Viewing Security Scan Results	3
Static Analyzer Details	3
Security Scorecard	4
Dependencies	4
Email Notification	5
Monthly Scan Notification	5
Technical Support	6

Overview

Cyberspect is a cloud hosted mobile application security scanning solution used by Abbott Laboratories. It provides a self-service workflow to upload mobile applications, scan them for security vulnerabilities and compliance concerns, and deliver reports containing the results.

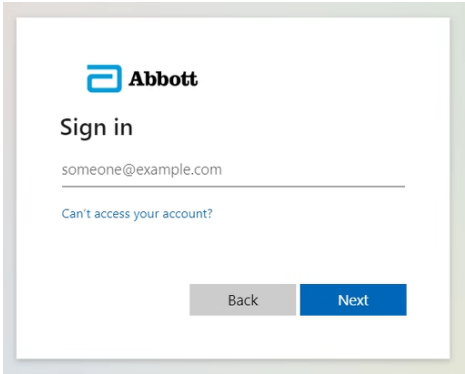
Requesting Access

To request access to the Cyberspect solution:

- Login to IIQ: <https://iiq.abbott.com/identityiq/home.jsf>
- Request Access to the Mobile Security Platform group (**APP-Cyberspect-Users**)

Login

- Browse to <https://abbott.cyberspect.io>
- You will need to login using your Abbott domain credentials.



- NOTE: If you pause at the login page for more than 15 minutes, you may receive a 401 Authorization Required error when attempting to login. If this occurs, please refresh the page, and try again.

Scanning a Mobile App

To upload and scan a mobile application package and/or source code for a mobile app, use the following steps:

The screenshot shows a web form for uploading and analyzing a mobile application. The form is set against a blue background. It includes the following elements:

- application name**: A text input field with a small icon to its right.
- 1.0**: A text input field for the version number.
- Production**: A dropdown menu for the release status.
- select division**: A dropdown menu with options: Global, Afghanistan, and Aland Islands.
- select data privacy**: A dropdown menu with options: PII: Personal Information, PHI: Health Information, and PCI/DSS: Financial Information.
- Mobile App File**: A section with a 'Choose File' button and the text 'No file chosen'.
- Source Code File (optional)**: A section with a 'Choose File' button and the text 'No file chosen'.
- Upload & Analyze**: A large button at the bottom with an upload icon.









Fill out the required fields displayed above with the information applicable to the mobile application.

- **Application Name:** The name of the mobile application as it appears (or will appear) in the applicable app store.
- **Version:** The version of the mobile application.
- **Production or Preproduction:** The release status of the mobile application.
- **Division:** The Abbott Labs organizational division applicable to the mobile application.
- **Country:** Select Global if the application is used worldwide, or one or more countries.
- **Data Privacy Classification:** Choose the appropriate classification for the mobile application from Abbott's Information Classification Policy.
- **Data Privacy Attributes:** Choose one or more data privacy attributes:
 - PII: Personal Information
 - PHI: Health Information
 - PFI: Financial Information
 - GEO: Geolocation Data
 - CTI: Consumer Tracking Info
 - C18: Data of Children Under 18
 - ABT: Abbott Personnel Info
- **Mobile App File:** The mobile application package file (.apk, .ipa) to scan.
- **Source Code File:** Including a .zip file containing the source code for the mobile application is optional, but if included will result in more accurate results.

Click the **Upload & Analyze** button to upload the file(s) and start the scanning process.

Recent Scanned Apps

Recent Scanned Apps


HASH / DATE	APPLICATION	FILE	TYPE	ACTIONS
a2158b2ed410e882ab2e52b273ca8a66 Dec 14, 2022 8:58 PM RELEASE	AMDPG - 1.0  AMDPG - 1.1.0.4 com.oneabbott.BTS101AMDPG	com.oneabbott.BTS101AMDPG-1.1.0.4.apk		Scan Details Scorecard Dependencies  
5c6e037bc9fe9ba42372a5175896f62e Dec 14, 2022 8:56 PM RELEASE	Octofy - 1.0  Octofy - 1.0.0.2 com.hrsgsolutionsOct.twa	Octofy_1.0.0.2_Apkpure.apk		Scan Details Scorecard Dependencies  

After submitting a mobile application to analyze you will be taken to the Recent Scanned Apps page. This page will also show any mobile applications that you have previously scanned. The Application column will display a gray circle with the words "No Icon" and a "scan in progress" label while the scan is being performed. The static analysis details for an application could take a few minutes to be available depending on the size and complexity of the mobile application. Once complete, you will see additional information and can view more detail using the buttons on the far right.

Viewing Scan Results

To view the scan results, click a button in the Actions column on the right to view Static Details, Scorecard, or Dependencies information.

Static Analyzer Details



Static Analyzer

Information

Scan Options

URL Schemes

Permissions

Security Analysis

Malware Analysis

Reconnaissance

Libraries

Files


RECENT SCANS

STATIC ANALYZER

SUPPORT

ABOUT

Search Scan ID



APP SCORES

Security Score 44/100

Trackers Detection 0/428

[Security Scorecard](#)

FILE INFORMATION

File Name freestyleLibre.ipa

Size 213.07MB

MDS 9a5ceb6976e43f5c380f7579291b6310

SHA1 fb680d7f8d8b5007c19f572d6a6f810cf1828f30

SHA256 511253c9f6092b329ef491241fdf2f61314e2cf1f38286635421b293e22704b2

APP INFORMATION

App Name FSL2

App Type Swift

Identifier com.oneabbott.adc.freestylelibre2eDetailAid

SDK Name iphoneos14.1

Version 5 Build 1.5.2 Platform Version 14.1

Min OS Version 11.0

Supported Platforms iPhoneOS,

BINARY INFORMATION

Arch ARM64

Sub Arch CPU_SUBTYPE_ARM64_ALL

Bit 64-bit Endian <

SCAN OPTIONS

[View Info.plist](#)

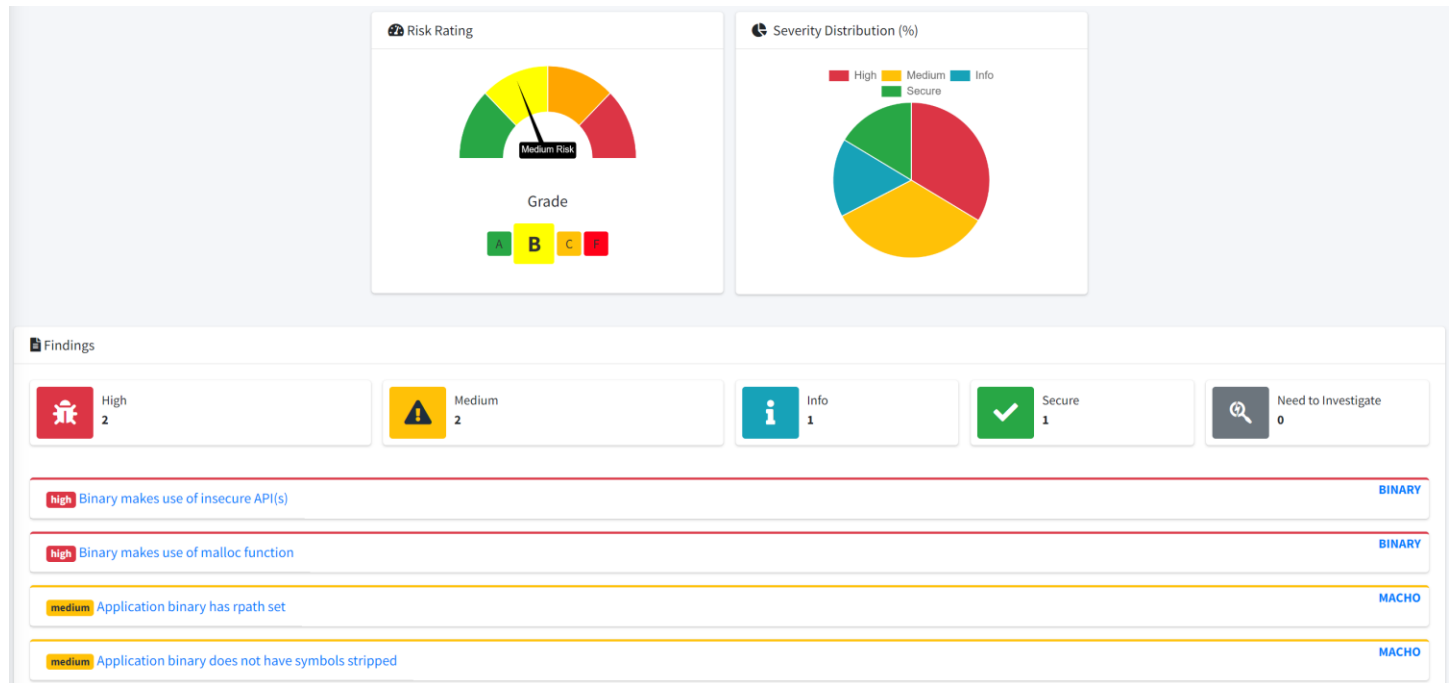
[View Strings](#)

[View Class Dump](#)

This page includes a lot of information about the mobile application, not all of which is security related. The Security Scorecard (which you can access from this page using the Security Scorecard button) includes a summarized list of all security findings and is generally what you want to focus on, but the detail on this page may provide further context when addressing any security concerns.

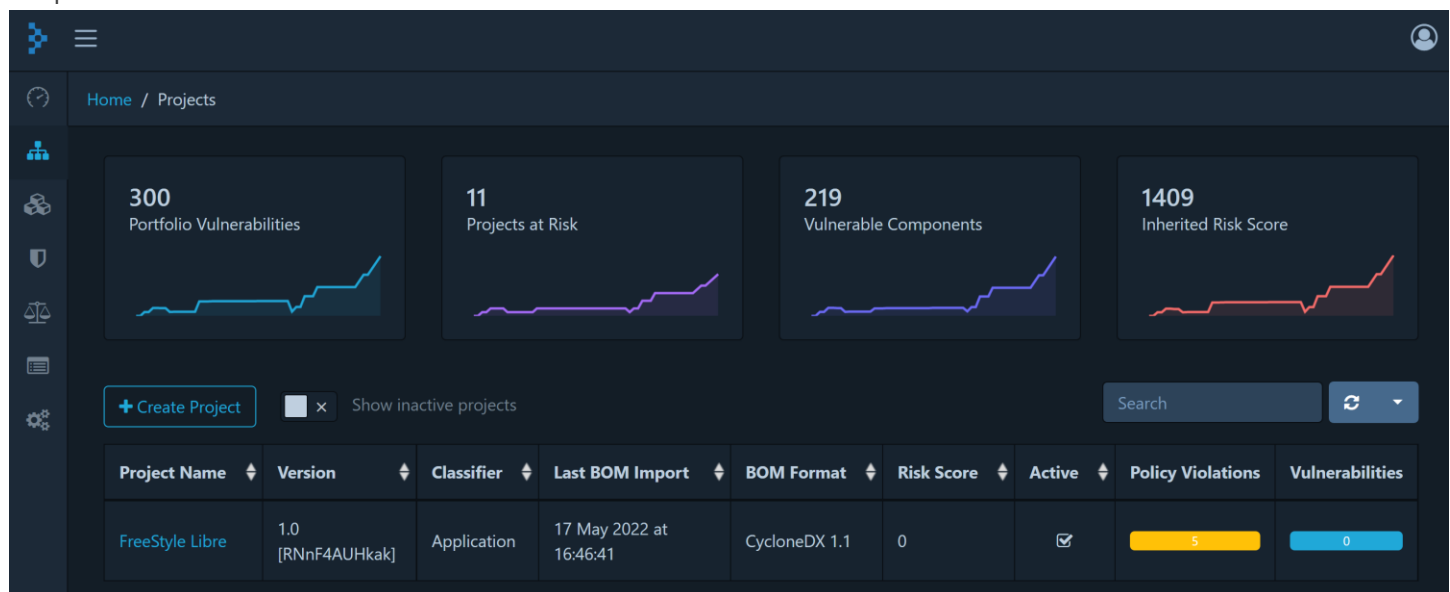
For example, if the scan is for an Android based application you can access and view the decompiled Java source code from this page. This page also allows you to determine what information embedded in the mobile application will be publicly accessible to others who may use similar tools to extract the contents.

Security Scorecard



The Security Scorecard page includes a summarized view of all security relevant findings from the static analysis (SAST) scan. Clicking each of the rows that start with "high", "medium", "info", etc. will reveal more detail about the finding.

Dependencies



The Dependencies area allows you to view more details about third-party and open-source libraries used by the mobile application. This list of libraries is also referred to as a software bill of materials, or SBOM. This area of the system includes information about published security vulnerabilities and policy violations based on Abbott standards. To return to the Recent Scans area of the system, simply click the blue arrow looking icon in the upper left.

Third-party library details take longer to process and may not be available as soon as the Static Analyzer Details and Security Scorecard information are. Once all scanning has completed you should receive an email containing the results.

Note that the information displayed in the Dependencies area is updated daily as new information about published security vulnerabilities is made available.

Foodie
1.0 [bINcV5FgmEQ]

5

11

13

2

0

View Details

Overview

Components 1713

Services 0

Dependency Graph 0

Audit Vulnerabilities 31

Exploit Predictions 6

Policy Violations 0

+ Add Component

- Remove Component

Upload BOM

Download BOM

Search

Refresh

<input type="checkbox"/>	Component	Version	Group	Internal	License	Risk Score	Vulnerabilities
<input type="checkbox"/>	underscore	1.6.0			MIT	15	3
<input type="checkbox"/>	minimist	1.2.5			MIT	10	1
<input type="checkbox"/>	simple-plist	1.3.0			MIT	10	1
<input type="checkbox"/>	plist	3.0.4			MIT	10	1
<input type="checkbox"/>	plist	3.0.1			MIT	10	1

Email Notification

Once the file(s) have been uploaded and the full scan is complete, the submitter will receive an email with attachments containing the Static Analysis (SAST) and Software Bill of Materials (SBOM) reports. The email will also include a document on how to read the scan results, and links to the web interface to view more information.

Cyberspect Scan Results: AbbWorld

noreply@cyberspect.io

To
Will McCardell; Brice Williams

10:02 AM

SAST_AbbWorld_1.0.pdf
303 KB

SBOM_AbbWorld_1.0.pdf
21 KB

How to Read Scan Results.pdf
201 KB

Your mobile application security scan is complete and the results attached.

Static Analysis Scorecard

https://sast.abbott-dev.cyberspect.io/appsec_dashboard/58bd52931d07dd4f7d8719f5512a375e/

Software Bill of Materials (SBOM)

<https://sbom.abbott-dev.cyberspect.io/projects/fe784de6-6625-4858-afd1-14f3ff44d04b>

Be aware that if multiple users upload the same file, each user will be added to the recipient list for the email notification.

Monthly Scanning

Automatic monthly scanning is performed for mobile applications marked as Release; an activity performed by the Abbott Mobility Team. You may receive this email if you have been assigned to one or more of these release applications. The email message will look like that shown below and include the current high, warning, and info findings for each application, along with links to the web interface for more information.

Cyberspect Monthly Scan Results



noreply@cyberspect.io
To: Brice Williams

You forwarded this message on 1/1/2023 11:20 AM.

Reply Reply All Forward

Sun 1/1/2023 10:54 AM

Monthly Scan Summary

Apps Scanned	Failed Scans	High Findings	Warnings	Info Findings	Avg Scan Time
9	1	18	22	25	54.84

Mobile Apps Scanned

App Name	Version	Scan Type	High	Warning	Info	Status	Scan Time	Scorecard	Dependencies
ConsentTool	1.0.3	IPA	4	8	8	Success	61.36	Scorecard	Dependencies
Nutritional Connection	1.1.2	IPA	2	1	1	Success	60.60	Scorecard	Dependencies
AbbWorld	1.4.1	IPA	3	1	1	Success	60.41	Scorecard	Dependencies
Field Toolkit	3.0.3	IPA	2	2	1	Success	60.46	Scorecard	Dependencies
Startup Toolkit	2.0.3	IPA	1	2	0	Success	60.41	Scorecard	Dependencies
AR Atheneum	1	IPA	4	1	1	Success	60.37	Scorecard	Dependencies
eHR India	1.2	IPA	2	1	0	Failed	8.99	Scorecard	Dependencies
Foodie	2.0.0	IPA	0	3	0	Success	60.45	Scorecard	Dependencies
Abbott	1.2	IPA	0	3	0	Success	60.51	Scorecard	Dependencies

Technical Support

For technical assistance please email cyberspectsupport@syslogicinc.com and include any information relevant to the issue or question you have.

Cyberspect Quick Start

<https://cyberspect.com>

© Copyright 2023 Cyberspect LLC

