creditsafe*

Switching to KYC Protect API A quick guide

This guide is for customers switching from legacy Protect to Creditsafe's new KYC Protect

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Contents

What's New	3
Basic Workflow Overview	5
Legacy Protect	
New KYC Protect	6
How to Update Your Existing Integration	7
AML Screen	7
Notable Changes & Improvements	7
New KYC Protect AML Screen Integration	8
Additional AML Screening Endpoints	
Profiles	15
Notable Changes & Improvements	15
Profile Endpoints	
AML Monitor	17
Notable Changes & Improvements	17
AML Monitor Endpoints	17



What's New

In our legacy Protect product you can:

- Run AML Screening
- Set-up AML Monitoring
- Perform Identity Verification Checks
- Audit Processes
- Upload Batch Files
- Export Reports

In our <u>new KYC Protect</u> product, you can do the above <u>and more</u>. Here are some key benefits you can expect from the new application:

- Integration with Creditsafe Business Data: The new system is integrated with our business data, ensuring that you have the correct legal entity and added ability to perform KYC processes on the entity, directors, group structure, controllers and owners of a business if required.
- Improved Profile Creation and Management: Create profiles of your customers and vendors using preloaded templates.
- Enhanced Accuracy: The new system employs advanced algorithms and technologies to improve the
 accuracy of identifying suspicious activities, reducing false positives (by up to 80%), and ensuring
 compliance with regulatory requirements.
- Improved User Interface: We've redesigned the user interface to be more intuitive and user-friendly, making it easier for you and your team to navigate and perform all necessary KYC tasks efficiently.
- Faster Processing: With optimized workflows, automated profile creation and enhanced performance, you can expect faster processing times, allowing you to screen transactions and entities swiftly without compromising on thoroughness.

- Seamless Integration: The new application seamlessly integrates with your existing systems and workflows, minimizing disruption to your operations and ensuring a smooth transition.
- Improved Screening Data: With new datasets to screen, you can ensure that your organisation is protected from additional regulatory, financial and reputational risks.
- Improved Monitoring Capabilities: With enhanced flexibility in AML Monitoring and NEW KYC
 Monitoring (business change notifications) available, you will now be notified of any AML and KYC risks on a daily basis enabling you to do full KYC in one place on a single platform

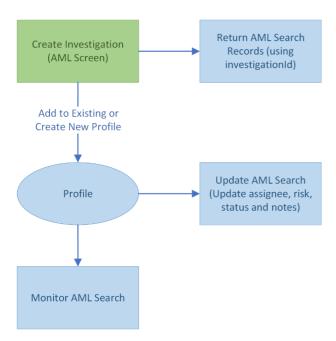
Changing the way companies do business.



Basic Workflow Overview

Legacy Protect

Note: This is the workflow for our legacy Protect product, see here for the improved workflow in KYC Protect.



New KYC Protect

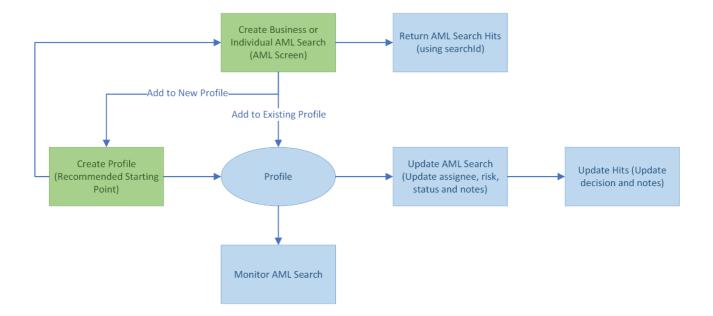
Note: In KYC Protect, you can start the flow at two points:

1. Create an AML Search

a. This is the same process in our legacy Protect product (except it is known as creating an Investigation)

2. Create a profile

- a. This is not available in our legacy Protect product
- b. This allows you to provide all KYB / KYC data before performing screening checks
- c. Creating a profile first also ensure all decisions, screening checks, ID&V, etc are fully audited
- d. This is our recommended starting point





How to Update Your Existing Integration

Legacy Protect has fewer capabilities than KYC Protect. Protect was limited to basic Search and Monitor functionality. Below we outline how to switch your existing integration over to our new KYC Protect endpoints.

This document assumes you only want equivalent capabilities and are not implementing the new features for your initial migration. This is our recommended approach to make the switch to KYC Protect easier. This document only covers AML Screening, Creating a Profile and AML Monitoring.

Full API Documentation:

https://doc.creditsafe.com/tag/KYC-Introduction

AML Screen

Notable Changes & Improvements

- AML screening can be performed before and after creating a profile
 - o KYC Protect best practice is to create a profile before performing AML screening
 - This allows for a quicker screening process as key parties and UBOs can be screened in bulk (once relevant details have been provided in the profile)
 - Hits can only be managed on a profile
- There are now two endpoints for performing AML screening; one business searches and one for searches of an individual
 - This supports the new parameters added (see details below) and makes a clear distinction of which parameters are supported for business and individual respectively
 - Company, PLC, Trust, Partnership and Other Entity profile types should use the business searches endpoints
 - o Individual and Sole Trader profile types should use the individual searches endpoints
- Improvements to AML Screening have reduced false positive hits by 50% (in comparison to legacy
 Protect)
- You can now filter business and individual AML screening results by categories (datasets parameter)

- AML categories refer to specific classifications or types of activities, individuals, or entities subject to Anti-Money Laundering (AML) regulations; these categories help identify and monitor high-risk customers, transactions, or businesses to prevent money laundering and financial crimes
- Individual AML searches can also be filtered by PEP tiers, to select PEP data of interest based on your risk appetite
- For reference:
 - o Current 'investigations' endpoints are now 'searches'
 - o Current 'records' endpoints are now 'hits'

Current AML Screen Integration

Endpoint	https://connect.creditsafe.com/v1/protect/investigations
Post Body	{ "type": "individual / business (delete one)", "name": "string", "screeningThreshold": integer, "countryCode": "string", "firstName": "string", "middleName": "string", "lastName": "string", "dateOfBirth": "string", "nationalId": "string", "gender": "string"}

New KYC Protect AML Screen Integration

Search for a Business		
Endpoint	Live: https://connect.creditsafe.com/v1/compliance/kyc- protect/searches/businesses Sandbox: https://connect.sandbox.creditsafe.com/v1/compliance/kyc- protect/searches/businesses	
	API Documentation: https://doc.creditsafe.com/tag/KYC-AML-Screening-Businesses/operation/KYCSearchBusiness	
Request	A request requires a name, at least one valid dataset, and a threshold.	

countryCodes Array of strings

List of Two-letter country code ISO-3166-2

threshold (required) integer <int32>

Hits with scores below the chosen value will not be

shown.

Must be one of 75, 80, 85, 90, 95, or 100

name (required) string

Name of the business to be searched

Example - Google Inc

Max 200 characters allowed.

datasets (required) Array of strings

Specifies which datasets will be searched PEP - Politically Exposed Persons (All)

PEP-LINKED - Only linked PEPs (PEP by Association)

SAN - Sanctioned (All)

SAN-CURRENT - Only current Sanctions SAN-FORMER - Only former Sanctions

INS - Insolvency AM - Adverse Media POI - Profile of Interest ENF - Enforcement

SOE - State Owned Enterprises (All) SOE-CURRENT - Only current SOE SOE-FORMER - Only former SOE

Note: We are working on allowing a null value, which

will default to all datasets being selected

Search for an Individual

Endpoint Live:

https://connect.creditsafe.com/v1/compliance/kyc-

protect/searches/individuals

Sandbox:

https://connect.sandbox.creditsafe.com/v1/compliance/kyc-protect/searches/individuals

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Screening-

Individuals/operation/ComplianceKYCProtectCreateIndividualsSearch

Request A request requires a name, or first name and last name, at least one valid dataset and a threshold.

countryCodes Array of strings or null

List of Two-letter country code ISO-3166-2.

threshold (required) integer <int32>

Hits with scores below the chosen value will not be

shown

Must be one of 75, 80, 85, 90, 95, or 100

name string or null

Required if FirstName and LastName are not provided

firstName string or null

If firstName is provided then lastName must also be

provided

middleName string or null

middleName is optional, valid along with firstName

and lastName only

lastName string or null

Last name provided in the search. The combination of

first name, middle name, and last name must not

exceed 200 characters

dateOfBirth string or null <date>

Date YYYY-MM-DD or YYYY format. Must be after 1900

and not in the future.

gender string or null

Define the gender of the individual you are searching

for. Available values are male and female.

Enum: "male" "female"

pepTiers Array of strings or null

When searching the PEP dataset, define what tiers of

the PEP profiles should be included in the results.

PEP Tier 1 indicates senior roles PEP Tier 2 - middle-ranking

PEP Tier 3 - junior officials

If the PEP Dataset is NOT included on the list of searched datasets, then this value is ignored.

The PEP Tier filter does not apply to PEP-LINKED

Profiles.

Enum: "pepTier1" "pepTier2" "pepTier3"

"byAssociation"

datasets (required) Array of strings or null

Specifies which datasets will be searchedAM - Adverse

Media

PEP - Politically Exposed Persons (All)
PEP-CURRENT - Only current PEPs

PEP-FORMER - Only former PEPs

PEP-LINKED - Only linked PEPs (PEP by Association)

SAN - Sanctioned (All)

SAN-CURRENT - Only current Sanctions

SAN-FORMER - Only former Sanctions

INS - Insolvency

AM - Averse Media

POI - Profile of Interest

ENF - Enforcement DD - Disqualified Director

Note: We are working on allowing a null value, which will default to all datasets being selected

Additional AML Screening Endpoints

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/investi
gations

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kyc-protect/searches/businesses

and

https://connect.creditsafe.com/v1/compliance/kyc-protect/searches/individuals

Note: There is a different endpoint dependant on profile type

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Screening-Businesses/operation/KYCSearchBusinessGet

and

https://doc.creditsafe.com/tag/KYC-AML-Screening-Individuals/operation/ComplianceKYCProtectGetIndividualsSearch

Download Full List of Results into File

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/investi
gations/{investigationId}/file

Not supported in the Beta version of KYC Protect; it will be available shortly after

Return List of Searches for a Single Profile

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/profile
s/{profileId}/investigations

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kyc-protect/profiles/{profileId}/searches

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Screening-Profile-

 $\frac{Management/operation/KYCProtectGetSListOfSearche}{sOnTheGivenProfile}$

Returns a Single Search

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/investi
gations/{investigationId}

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kycprotect/searches/businesses/{searchId}

or

https://connect.creditsafe.com/v1/compliance/kyc-protect/searches/individuals/{searchId}

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Screening-Businesses/operation/GetKYCSearchBusinessBySearchI d

and

https://doc.creditsafe.com/tag/KYC-AML-Screening-Individuals/operation/GetsAnIndividualSearchForTheC urrentLoggedInUsersCustomerBasedOnSearchId

Add AML Search to Profile

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/profile
s/{profileId}/investigations/{investigationId}

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kyc-protect/profiles/{profileId}/searches/link

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Screening-Profile-

Management/operation/KYCProtectAddsASearchToTh eGivenProfile

Update AML Search on a Profile

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/investi
gations/{id}/risk

https://connect.creditsafe.com/v1/protect/investi
gations/{id}/notes

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kyc-protect/searches/businesses/{searchId}

and

https://connect.creditsafe.com/v1/compliance/kycprotect/searches/individuals/{searchId}

Note: Assigned To, Risk, Status and Notes can be updated in the same endpoint

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Screening-Businesses/operation/PutKYCSearchBusinessBySearchI

and

https://doc.creditsafe.com/tag/KYC-AML-Screening-Individuals/operation/updatesAnIndividualSearch

Delete AML Search from Profile

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/investi
gations/{investigationId}

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kyc-protect/profiles/{profileId}/searches/link

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Screening-Profile-

<u>Management/operation/DeleteKYCProfileSearchesByP</u> rofileId

View Screening Hits for Single AML Search

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/investigations/{investigationId}/records
and

https://connect.creditsafe.com/v1/protect/investi
gations/{investigationId}/results

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kyc-protect/searches/businesses/{searchId}/hits and

https://connect.creditsafe.com/v1/compliance/kyc-protect/searches/individuals/{searchId}/hits

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Screening-Businesses/operation/GetKYCSearchBusinessHitsBySearchId

and

https://doc.creditsafe.com/tag/KYC-AML-Screening-Individuals/operation/getsTheIndividualSearchHits

View Details of a Single Screening Hit

No direct comparison in legacy Protect; all hits returned together in records endpoint

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kyc-protect/searches/businesses/{searchId}/hits/{hitId}

https://connect.creditsafe.com/v1/compliance/kyc-protect/searches/individuals/{searchId}/hits/{hitId}

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Screening-Businesses/operation/GetKYCSearchBusinessHitsBySearchIdAndHitId

and

https://doc.creditsafe.com/tag/KYC-AML-Screening-Individuals/operation/returnsFullProfileInformationOf AlndividualHitByHitId

Update Screening Hit on a Profile

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/investigations/{investigationId}/records

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kyc-protect/searches/businesses/{searchId}/hits/{hitId} and

https://connect.creditsafe.com/v1/compliance/kycprotect/searches/individuals/{searchId}/hits/{hitId}

Note: Decision and Notes can be updated in the same endpoint

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Screening-Businesses/operation/PutKYCSearchBusinessBySearchI dAndHitId

and

https://doc.creditsafe.com/tag/KYC-AML-Screening-Individuals/operation/updateSingleIndividualHit

Delete Screening Hits from a Profile

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/investi
gations/{investigationId}/records

Not available on KYC Protect

Note: The search can be removed (alongside all hits) or the hit status can be updated to undecided, truematch, falsepositive or discarded (This allows comprehensive auditing)

Profiles

Notable Changes & Improvements

- In legacy Protect, the name of a profile can be updated and investigations can be added, however there are no other customisable data points (and no KYC data can be stored)
- In KYC Protect, profiles have a much larger list of capabilities:
 - Store KYC data to have a holistic view of the entity (including the organisation details, key parties and UBOs)
 - Profiles support different entity types, with relevant data points available per type
 (Types are: Company, PLC, Trust, Partnership, Individual, Sole Trader and Other Entity)
 - o Perform identity verification and link results
 - Set the profile risk and assign profiles to colleagues
 - Set your KYC status and assign a date for your next review
 - Store documents obtained as part of your KYC process
 - o Essentially, profiles in KYC Protect can act as a single point of your KYC process
- Note: In order to add a search to AML Monitor, it must be saved as part of a profile

Profile Endpoints

Create a Profile	
Existing Endpoint: https://connect.creditsafe.com/v1/protect/profiles	New KYC Protect Endpoint: https://connect.creditsafe.com/v1/compliance/kyc-protect/profiles
	API Documentation: https://doc.creditsafe.com/tag/KYC-Profile- Management/operation/KYCProtectCreateProfile
View a Single Profile	
Existing Endpoint: https://connect.creditsafe.com/v1/protect/profiles/{profileId}	New KYC Protect Endpoint: https://connect.creditsafe.com/v1/compliance/kyc-protect/profiles/{profileId}
	API Documentation:

	https://doc.creditsafe.com/tag/KYC-Profile- Management/operation/ProtectGetKYCProfilesByP rofileId	
Update a Single Profile		
Existing Endpoint: https://connect.creditsafe.com/v1/protect/profiles/{profileId} Note: Only name can be updated in legacy Protect	New KYC Protect Endpoint: https://connect.creditsafe.com/v1/compliance/kyc-protect/profiles/{profileId} Note: Name, Risk Rating, Status, Internal Id, Assigned To, KYC Review Date and Comments can be updated in the same endpoint	
	API Documentation: https://doc.creditsafe.com/tag/KYC-Profile-Updates/operation/ProtectUpdatesKYCProfileById	
Get all Profiles		
Existing Endpoint: https://connect.creditsafe.com/v1/protect/profiles	New KYC Protect Endpoint: https://connect.creditsafe.com/v1/compliance/kyc -protect/profiles	
	API Documentation: https://doc.creditsafe.com/tag/KYC-Profile- Management/operation/ComplianceProtectGetKY CProfiles	
Delete a Single Profile		
Not available in legacy Protect	New KYC Protect Endpoint: https://connect.creditsafe.com/v1/compliance/kyc-protect/profiles/{profileId}	
	API Documentation: https://doc.creditsafe.com/tag/KYC-Profile- Management/operation/ProtectDeleteKYCProfiles-Byld	

AML Monitor

Notable Changes & Improvements

- In KYC Protect, you can monitor specific AML categories
 - Available categories: Sanctions, Enforcement, Insolvency Register, State Owned Enterprise,
 PEP, Profile of Interest, Adverse Media
 - o This allows you to customise what you receive AML monitor alerts for
- Additional match % thresholds for monitoring have been introduced
 - You can now configure AML Monitor to alert of any changes with a 75 100 match % (in increments of 5)
 - Previously this was 85 100
- Improvements to AML Screening have reduced false positive hits by 50% (in comparison to legacy
 Protect), resulting in more accurate AML Monitor alerts

AML Monitor Endpoints

Add AML Search to AML Monitor		
Existing Endpoint: https://connect.creditsafe.com/v1/protect/schedules	New KYC Protect Endpoint: https://connect.creditsafe.com/v1/compliance/kyc-protect/schedules	
	API Documentation: https://doc.creditsafe.com/tag/KYC-AML-Monitoring-Management/operation/KYCProtectCreateSchedule	
Get List of all AML Monitor Schedules for a Single Profile		
No direct comparison in legacy Protect; scheduled Ids returned with list of investigations	New KYC Protect Endpoint: https://connect.creditsafe.com/v1/compliance/kyc-protect/profiles/{profileId}/schedules	
	API Documentation: https://doc.creditsafe.com/tag/KYC-AML-Screening-Profile-Management/operation/KYCProtectGetProfileSchedules	

Get Single AML Monitor Schedule

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/sche
dules/{id}

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kyc-protect/profiles/{profileId}/schedules/{scheduleId}

https://connect.creditsafe.com/v1/compliance/kycprotect/schedules/{scheduleId}

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Screening-Profile-

 $\underline{Management/operation/KYCProtectGetProfileSchedules}\\ ByScheduleId$

or

https://doc.creditsafe.com/tag/KYC-AML-Monitoring-Management/operation/kycprotectgetschedulesbyscheduleid

Update Single AML Monitor Schedule

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/sche
dules/{id}

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kycprotect/schedules/{scheduleId}

Note: Threshold, Data Sets and Email Alerts can be updated in the same endpoint

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Monitoring-Management/operation/KYCProtectPutSchedulesByScheduleId

Delete Single AML Monitor Schedule

Existing Endpoint:

https://connect.creditsafe.com/v1/protect/sche
dules/{id}

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kycprotect/schedules/{scheduleId}

API Documentation:

https://doc.creditsafe.com/tag/KYC-AML-Monitoring-Management/operation/KYCProtectDeleteSchedulesByScheduleId

Get List of All AML Monitor Alerts

No direct comparison in legacy Protect; alerts returned with list of investigations

New KYC Protect Endpoint:

https://connect.creditsafe.com/v1/compliance/kyc-protect/schedules/amlAlerts

	API Documentation: https://doc.creditsafe.com/tag/KYC-AML-Monitoring-Management/operation/KYCProtectGetSchedulesAMLAlerts
Get AML Monitor Alerts for Single Profile	
No direct comparison in legacy Protect; alerts returned with list of investigations	New KYC Protect Endpoint: https://connect.creditsafe.com/v1/compliance/kyc-protect/profiles/{profileId}/amlAlerts
	API Documentation: https://doc.creditsafe.com/tag/KYC-AML-Screening-Profile-Management/operation/KYCProtectGetAmlAlertsByProfiled/