creditsafe Check & Decide User Guide

v1.2 - February 2024



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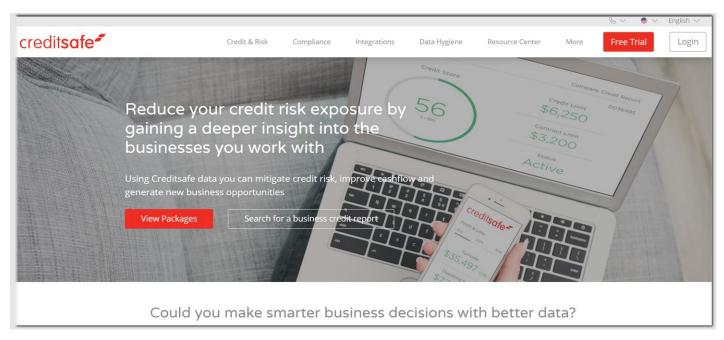


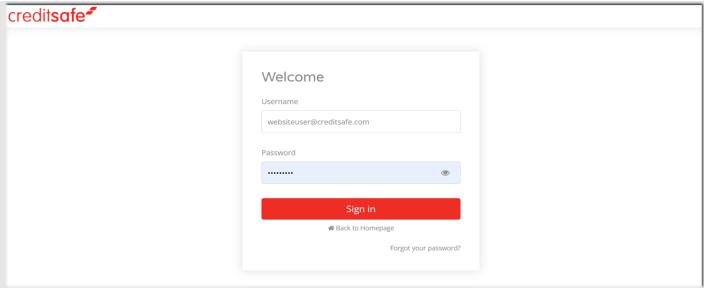
Login

Home

To navigate to the features available within Check and Decide, users must log in to the Creditsafe website by selecting Login from the right-hand menu.

You will be presented with a Login page. In here, you should enter your Creditsafe credentials and click 'Sign In'. Once logged in, users will see several options, a summary of which is contained within this section.





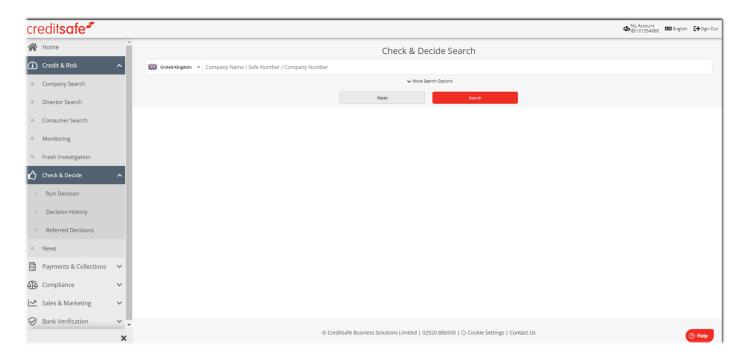
From the 'Home' tab in the left-hand menu, select the Credit & Risk section and navigate to Check and Decide.



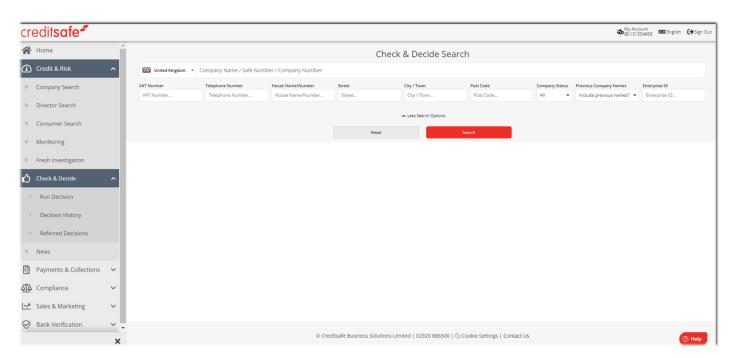
Run Decision

Select Check & Decide from the navigation menu on the left-hand side and then select the "Run Decision" sub-tab to navigate to the Check & Decide Search page.

On the Check & Decide company search page, users must see the default Company Search bar. To refine the search and access more specific criteria, select on the expandable chevron labeled "More Search Options" to reveal more search options.

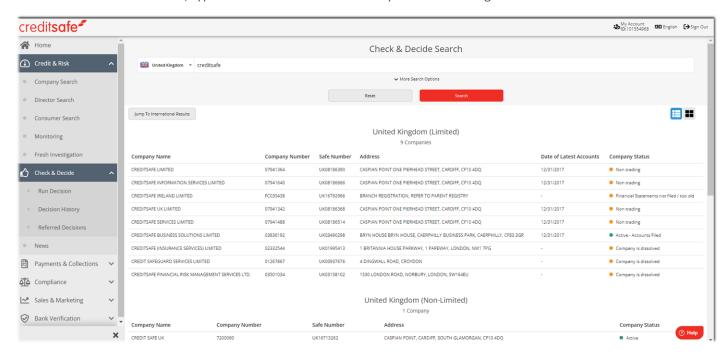


Select the collapsable chevron labeled "Less Search Options" to collapse the search filters and return to the default view.



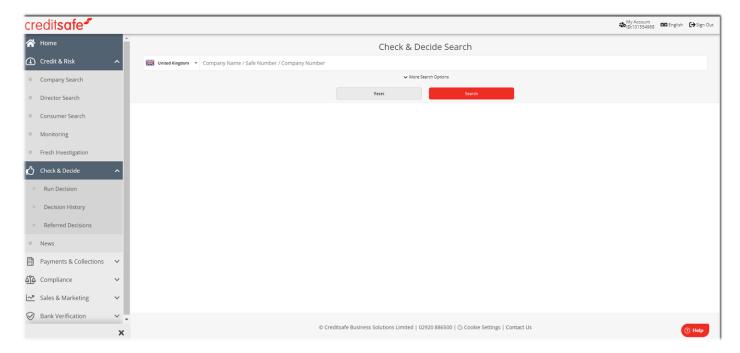


In the Check & Decide Search, type in the name of the business you are searching for and select 'Search'.



Adding any of the search criteria and then minimizing the Search options menu, the selections persist until either the page is refreshed, a search has been completed or the user has removed them by selecting 'Reset.'

For a few entities, we will find the 'Check & Decide' main menu under 'Credit & Risk' menu option on the left navigation bar.

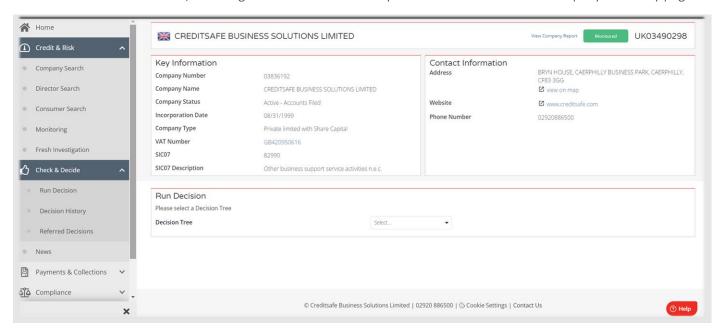




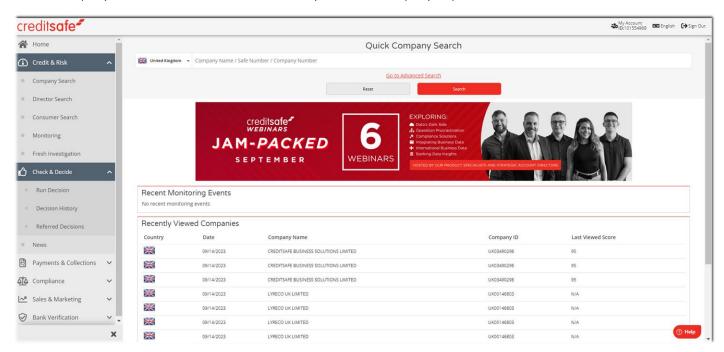
Landing Page

Once you have navigated to the Check & Decide Search page, you can proceed to Search for a company to run a decision against.

In the Check & Decide Search, selecting the business will direct you to the Check & Decide Company Summary page.

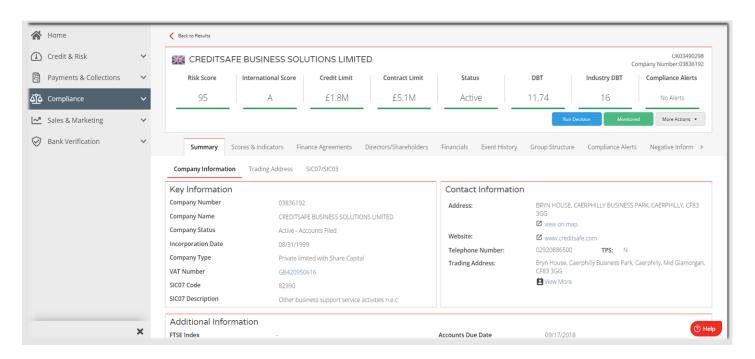


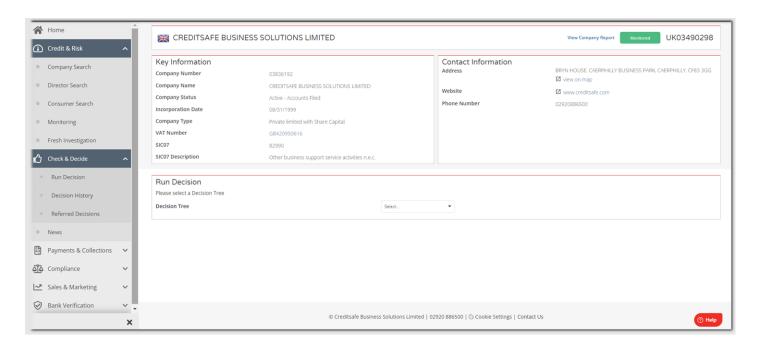
Alternatively, from the Home section you can search for a Company using the Quick Company Search. Selecting the chosen company from the search results will direct you to the Company Report.



Select the 'Run Decision' button from the Company Report. Upon selecting the button, you will navigate to the Decision Details page.





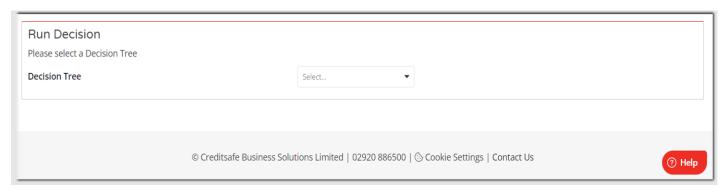




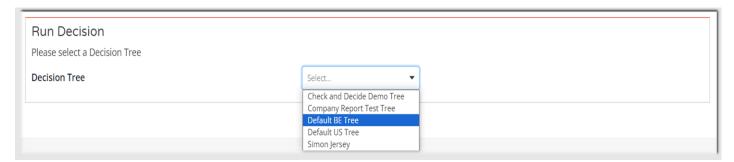
Decision Models

When you scroll down to the 'Run Decision' section, you will see a field named Decision Tree. A decision tree is an automated set of data checks that are performed to generate a decision. Decision trees can be designed using our Decision Templates or they can be a bespoke design and development. You can create as many decision trees as is needed for your business. You can grant users access to one or more trees. The dropdown menu to the right will display a list of all the available decision trees you have access to.

When you navigate to Run a Decision, you will see a prompt message that states "Please select a Decision Tree" instructing you to select a Decision Tree. The message will be shown when no decision tree is selected. The decision details input fields will be hidden initially, as they are only relevant once a Decision Tree has been selected.



Select the Decision Tree you want to use. When you select the Decision Tree, the user input field or fields required to run the decision appears. The user must enter the relevant fields.



IMPORTANT: Both Custom and Template Trees you have access to will appear in this dropdown menu.

Once the user has selected a Decision Tree from the available options, the Run Decision Card will dynamically adjust, displaying the appropriate decision details input fields based on the selected Decision Tree.

After selecting a Decision Tree, the prompt message will be updated to "Please enter decision details and Request Decision". The decision details input fields will be displayed, allowing users to enter the necessary information.

The "Request Decision" button will be available, which users can select to initiate the decision-making process based on the selected Decision Tree and the entered decision details.



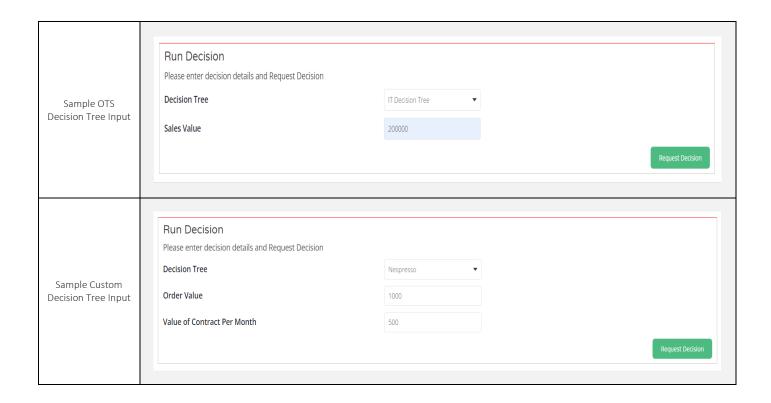


You can then enter the relevant information and proceed to request the decision.



Select the Decision Tree you want to use. When you select the Decision Tree, the User input field or fields required to run the decision appears. The user must enter the relevant fields.

IMPORTANT: Both Custom and Template Decision Trees you have access to will appear in this dropdown menu.





When the input values have been entered, select Request Decision on the bottom right-hand side. This will run the decision and return the decision results.

Decision Outcome

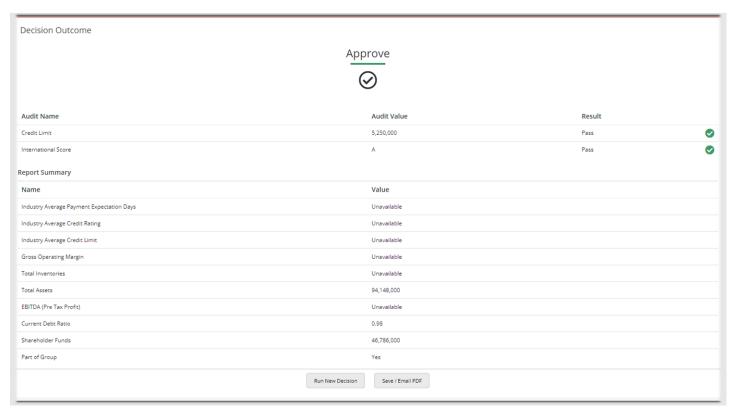
Once a decision has been made, you will be able to see the decision outcome and the decision rules that were used to make that decision. This is displayed in three columns, Rule Name, Audit Description and Result.

- The Rule Name is the metric used to perform the check. (Applicable to Template and Custom Decision Tree)
- Audit Description is the data value used for that check. (Applicable to Template and Custom Decision Tree)
- Result is the value when comparison is passed, failed, or referred for each metric. (Applicable only for Template Decision Tree)

Display Decision Outcome

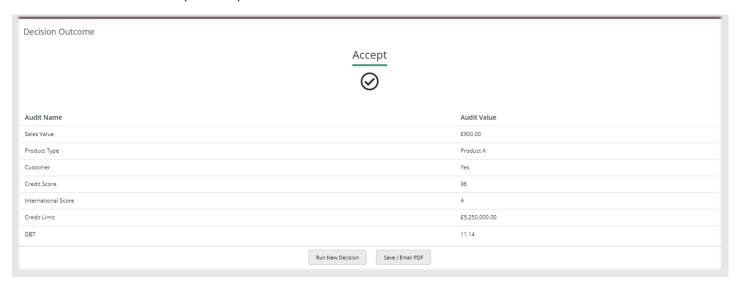
- 1. For **Template Decision Tree**, you will see the decision outcome and the decision rules that were used to make that decision which gets displayed in three columns, Rule Name, Audit Description, and the Result.
- 2. For **Custom (Provenir) Decision Tree**, you will see the decision outcome and the decision rules that were used to make that decision which gets displayed in two columns, Rule Name and Audit Description.

Decision Outcome - Template Decision Tree:



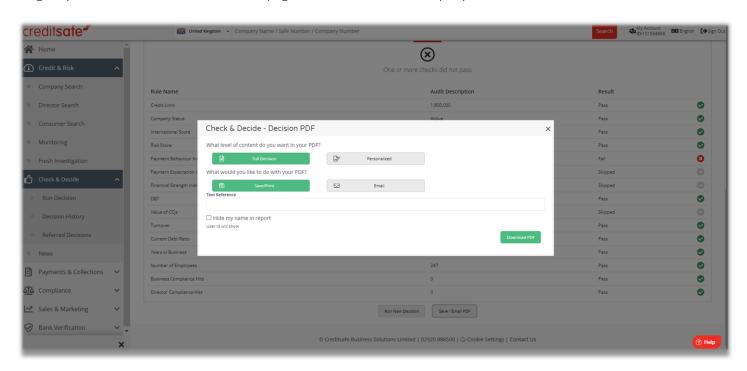


Decision Outcome - Custom (Provenir) Decision Tree:



Save PDF

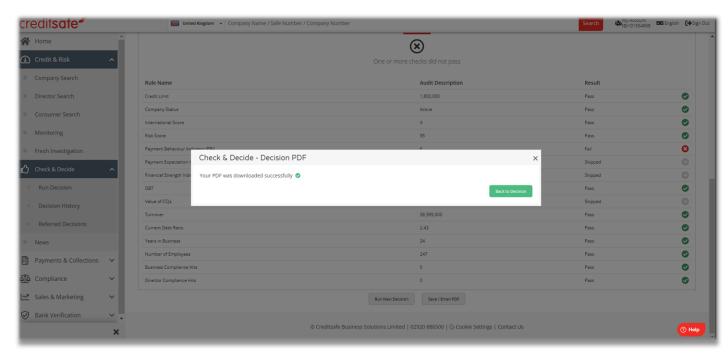
You can choose to save the details of the Outcome as a pdf. Also, selecting the 'Run New Decision' button will navigate you to the Check & Decide search page to look for another company and run a new decision.



Selecting 'Download PDF' button will initiate the download.

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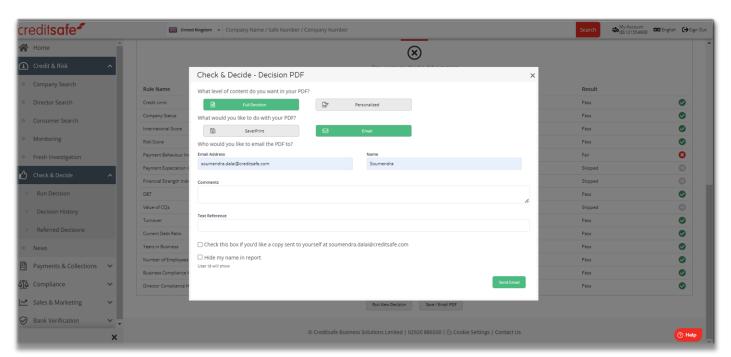


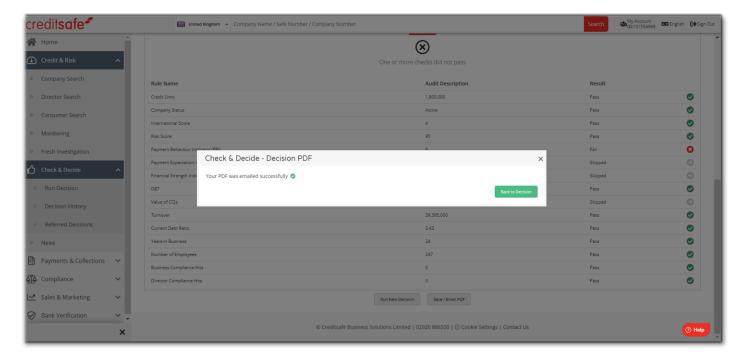




Email

You can choose to email the details of the Outcome as a pdf.

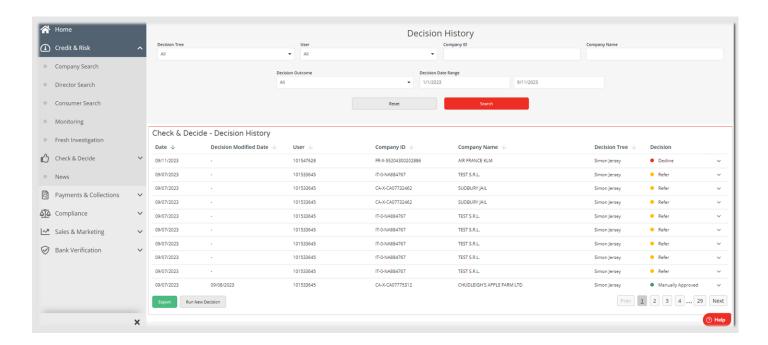






Decision History

You can view recent decisions and the entire history of all checks made within your company. Select Check & Decide from the navigation menu on the left-hand side and then select the "Decision History" sub-tab to see the list of all latest decisions and the history.



Landing Page

The Check & Decide – Decision History displays information about all the decisions that have been made. You will be able to see the key details, such as:

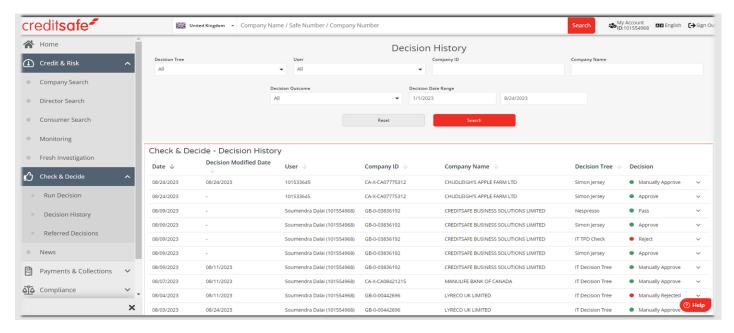
- Date = When the original decision was requested.
- Decision Modified Date = Date on which either a note was added, or a manual decision was taken or both
- User = The name of the user who ran the decision.
- Company ID = The company ID the decision was made against.
- Company Name = The company name the decision was made against.
- Decision Tree Used = The name of the Decision Tree
- Decision = The decision outcome

Note:

- 1. The "Decision Modified Date" column displays a hyphen ('-') before any referred decision is updated or modified.
- 2. For any other decision outcomes apart from "Refer", the "Decision Modified Date" column must always display hyphen ('-').



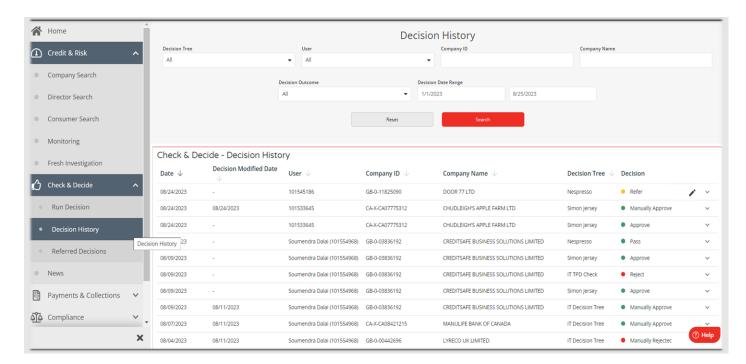
3. A date would be reflected in the "Decision Modified Date" column when a referred decision is updated or modified, a note is added on a referred decision or both.



Filter History Results with Advanced Search Criteria

The Decision filter label is updated from "Status" to "Decision Outcome" in the Search Decision History additional criteria.

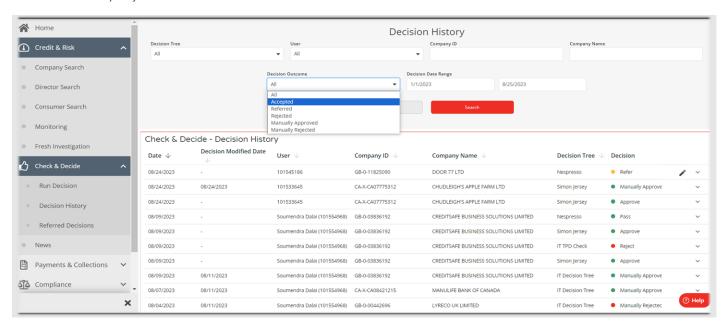
When you select the "Decision Outcome" dropdown, the default value displayed will be "All" and you can select any other dropdown values based on your search requirement.



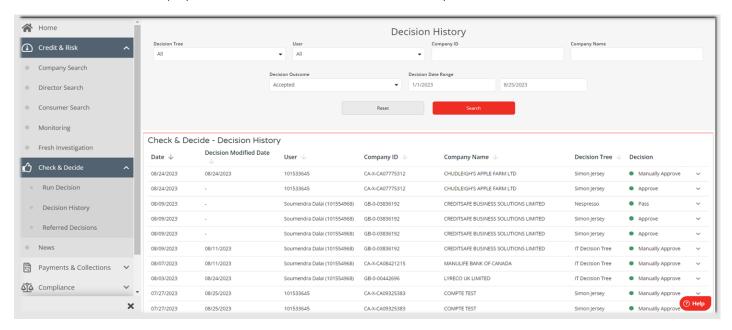


You would see the below list items in the "Decision Outcome" dropdown to filter with. You can select any of the list values to filter the results on the Check & Decide – Decision History section.

- All
- Accepted
- Referred
- Rejected
- Manually Approved
- Manually Rejected



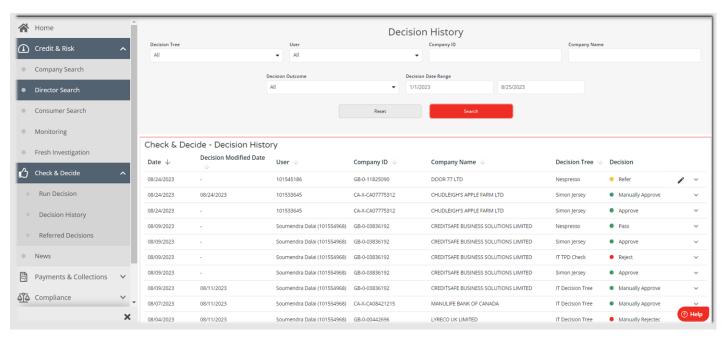
The filtered results are displayed in the Check & Decide – Decision History section.





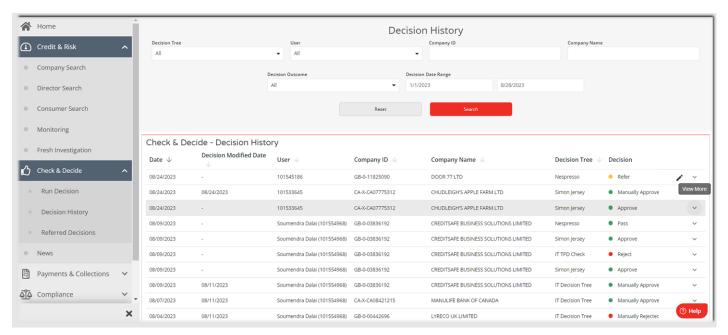
Check & Decide - Decision History Section

Expanding each decision displays the Rule Name and Audit Description for all checks in the decision model applied. In addition to that, the "Decision Details" card would be displayed to indicate the Decision Tree and Input value used during the last decision run.



We display a tooltip that states "View More" when you hover over the downward chevron (For Accept, Reject, Refer (for user with no permission to update a referred decision), Manually Approved and Manually Rejected outcomes)

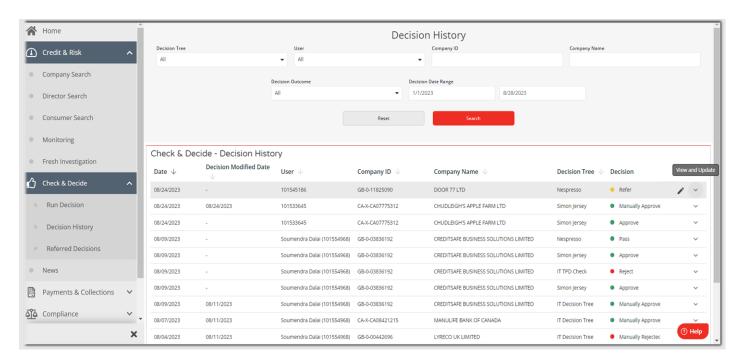
Note: No Pencil/Edit icon would be displayed along with the Chevron if user does not have the required permission to update a referred decision.



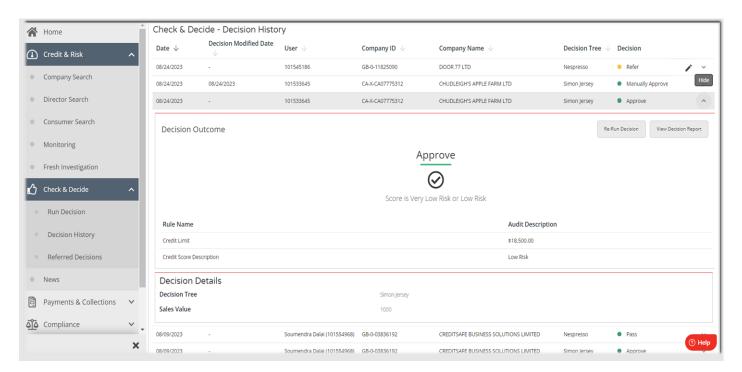


We will display a tooltip that states "View and Update" when you hover over the downward chevron/pencil icon (For Refer decision outcome).

This is applicable only for users with permission to manually update a referred decision.



Once the decision history record is expanded, we display a tooltip that states "Hide" when you hover over the upward chevron. Selecting the upward chevron will minimize/collapse the window and revert to the default list view.



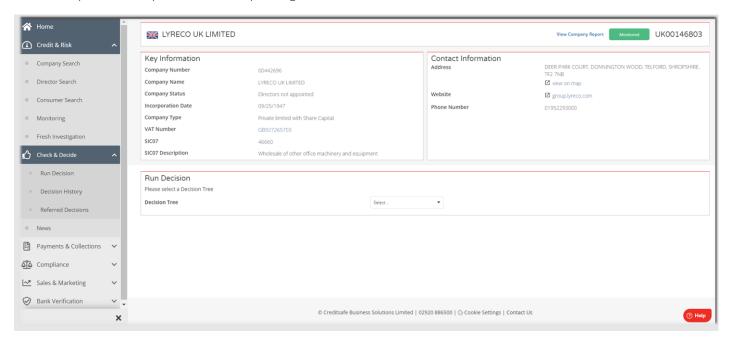
Upon expanding a decision record, you will see two calls to action labelled as "Re-Run Decision" and "View Decision Report" to the top right corner of the Decision Outcome card.



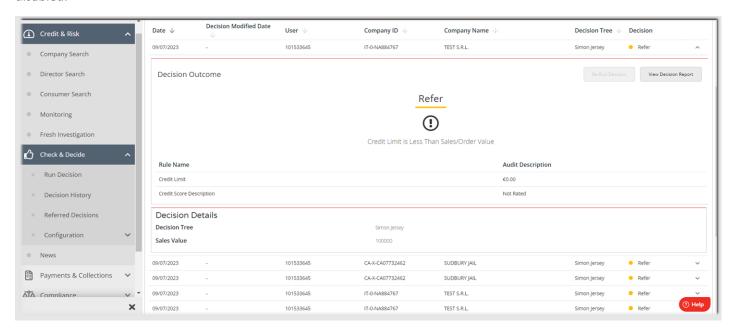
How to Re-Run a Decision?

When you navigate to the Decision History page to view the latest decisions, you can re-run the decision without navigating back through the search to find a company. You can request a decision again with the same set of input values or with new set of input values.

Selecting the "Re-Run Decision" button on the Decision Outcome card will direct you to the Run Decision page. You can select the same decision tree used during the previous decision or select a new decision tree from the list and enter an input value to proceed with requesting a decision.



If user doesn't have Run permissions on the Decision tree, then the "Re-Run Decision" button will be displayed as disabled.

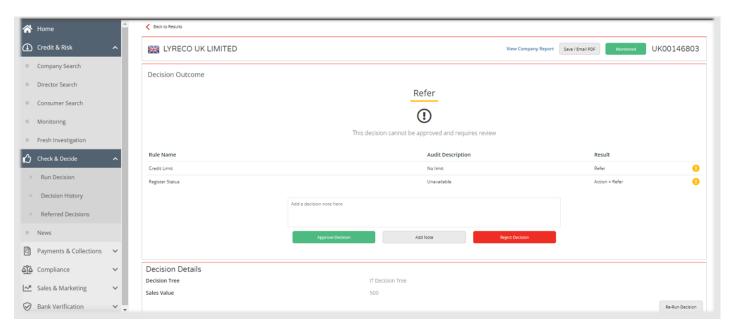




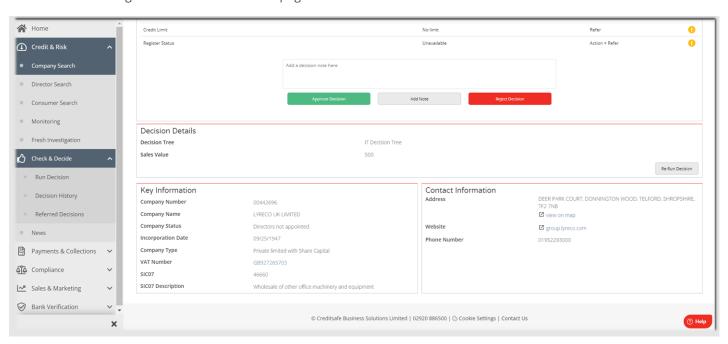
View Decision Report

Once the user selects the downward chevron and decision record is expanded, user must view 'View Decision Report' button at the top right corner of the decision outcome card.

Selecting the 'View Decision Report' button, you must navigate to the Single View Decision page (Decision Details Report). This page details all the key information in a single page view.



Once you navigate to the Single view decision page, you can also select "Re-Run Decision" button on the 'Decision Details' card to navigate to the 'Run Decision' page.





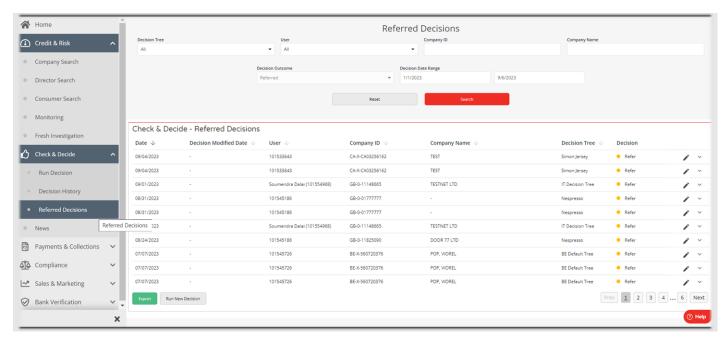
Referred Decisions

We have added a new 'Referred Decisions' sub-tab so that you can quickly and easily access the 'Referred Decisions' functionality within Check & Decide without having to navigate through multiple pages.

You must view a new sub-tab named "Referred Decisions" added under the 'Check & Decide' main tab.

Landing Page

Select the "Referred Decisions" sub-menu under 'Check & Decide' main menu to navigate to the Referred Decisions landing page.

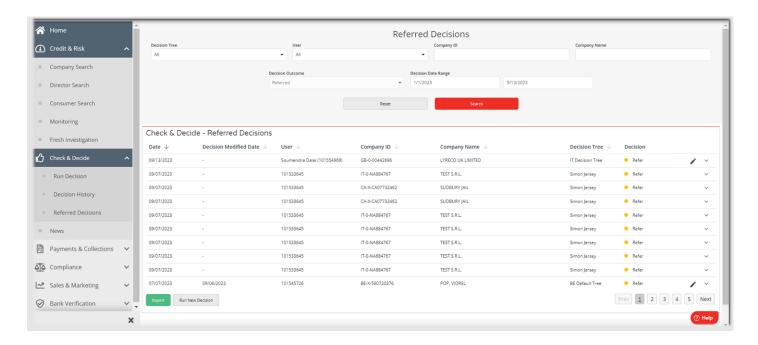


View and Update the Outcome of Referred Decisions

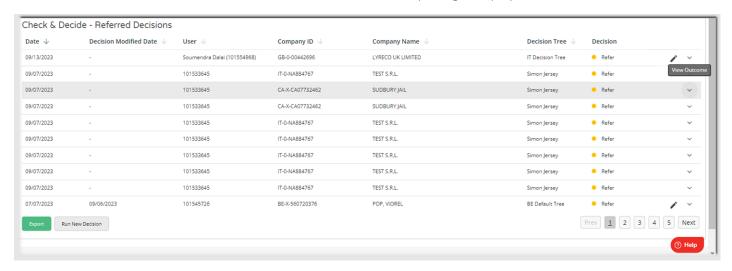
User would be able to view the Referred outcomes by navigating to the below pages:

- 1. 'Referred Decisions' page.
 - User must navigate via Check & Decide -> 'Referred Decisions'
 - When user navigates to the 'Referred Decisions' page, the default Decision Outcome dropdown be filtered with 'Referred' decisions.





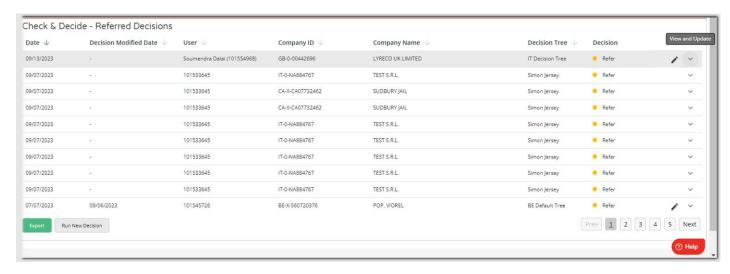
- User must be able to view the referred outcome records.
- The user would view a downward *chevron without an edit icon* for the referred outcomes where they do not have the required permission to update the decision for the decision tree. When user hovers over the chevron, a tooltip will get displayed that states "View Outcome".



With No Update permission to the tree

• The user would view a downward *chevron with an edit icon* for the referred outcomes where they have the required permission to update the decision for the decision tree. When user hovers over the chevron/edit icon, a tooltip will get displayed that states "View and Update".

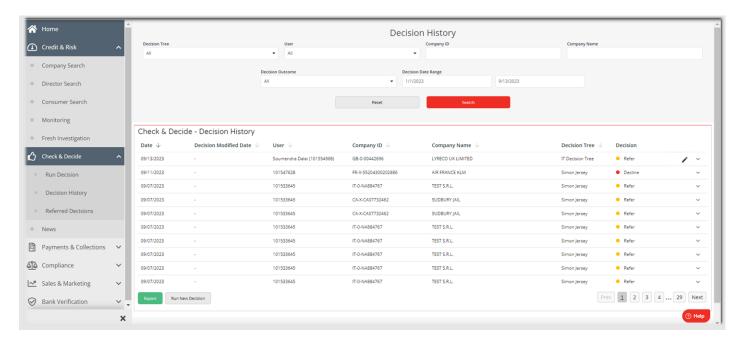




With Update permission to the tree

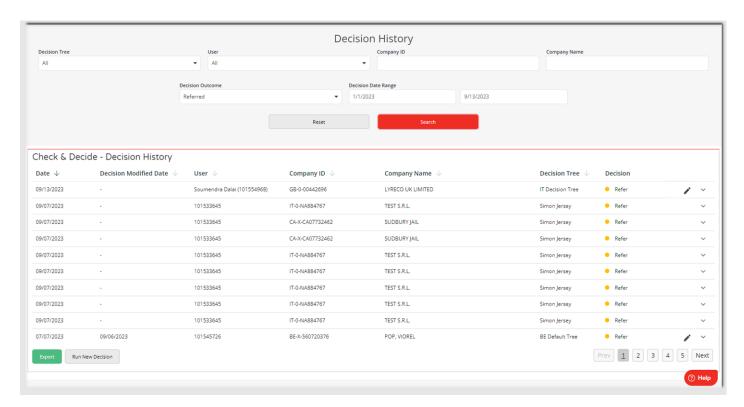
2. 'Decision History' page

- User must navigate via Check & Decide -> 'Decision History'.
- When user navigates to the 'Decision History' page, the default Decision Outcome dropdown be filtered with 'All' decisions.

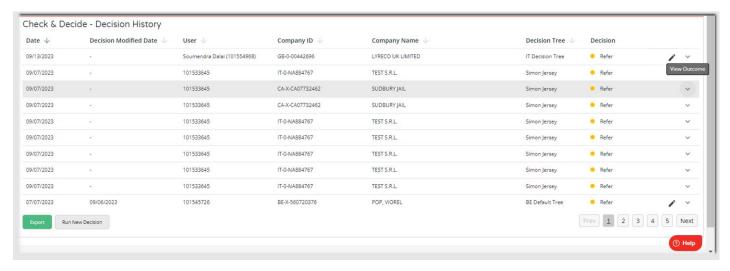


- User can select "Referred" from the 'Decision Outcome' dropdown.
- The results in the Check & Decide Decision History section would be filtered with "Referred" outcomes.



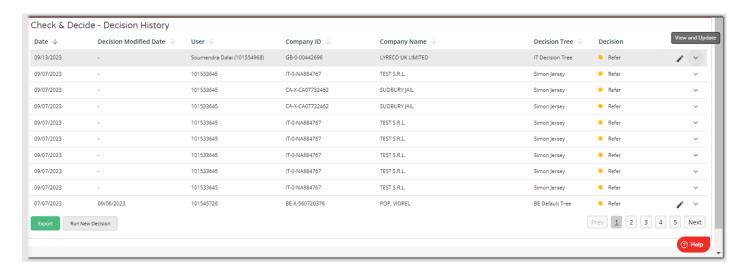


• The user would view a downward *chevron without an edit icon* for the referred outcomes where they do not have the required permission to update the decision for the decision tree. When user hovers over the chevron, a tooltip will get displayed that states "View Outcome".



• The user would view a downward *chevron with an edit icon* for the referred outcomes where they have the required permission to update the decision for the decision tree. When user hovers over the chevron/edit icon, a tooltip will get displayed that states "View and Update".





Manual Approval allows users to change the Outcome of Referred Decisions

The manual approval feature allows an authorised user to change the results of a decision that is in a 'Refer' state. This state is called Status 2 decision state.

The manual Approval functionality will allow website Users or Connect API users to change the status of a decision from 'Refer' to either a Accept or Reject (the value of these states depend on the rules of the tree in question).

When a user changes the decision outcome, they have the option to leave notes explaining the change. This is useful for a comprehensive audit trail.

Who can use Manual Approval?

All users who have a role for the relevant tree except users with only the 'Basic Role' can change Status 2 decisions (refer).

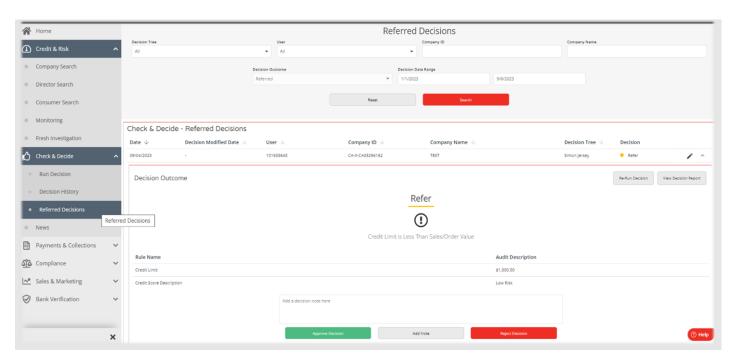
'Senior' users can change decision outcomes for all decisions made by their 'users' (within their own business) on their own trees.

'Admin' users can change decision outcomes for all users (regardless of business) for the given decision tree (now this is limited to CreditSafe staff for support purposes).

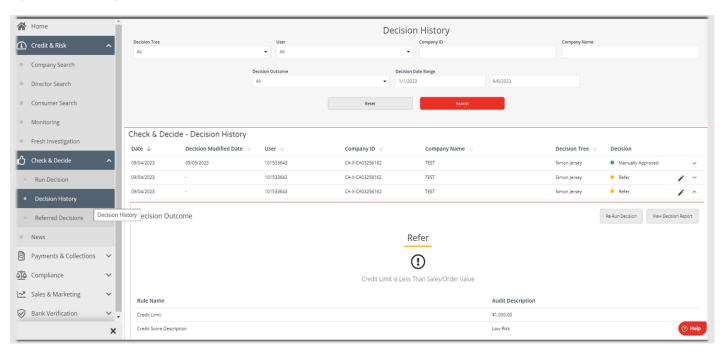
How to override a decision?

As you can see from the image below, if you have the right permissions and a decision comes back in status 2 you can "Approve Decision" or "Reject Decision" and leave some notes using the "Add note" feature:



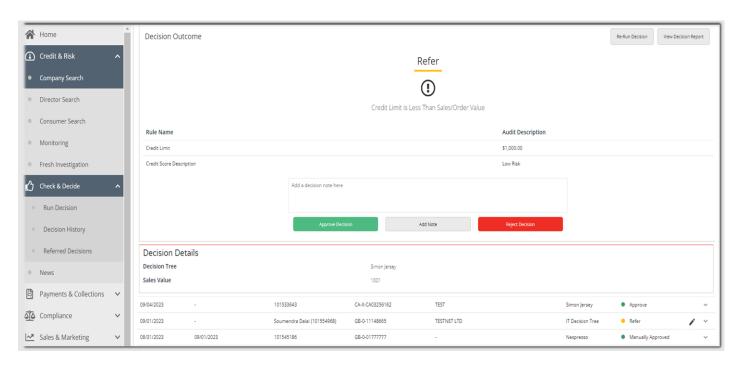


Referred Decisions Page



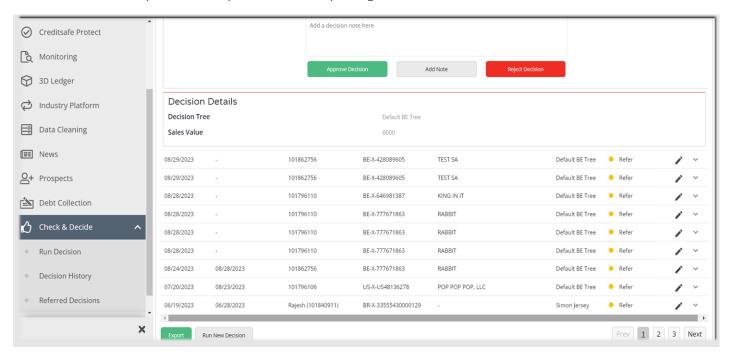
Decisions History Page



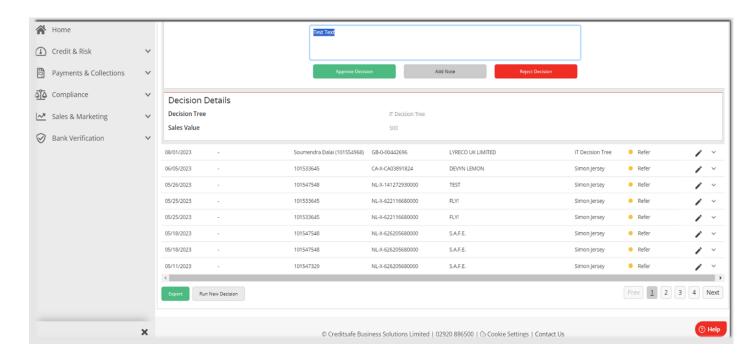


Adding a Note when changing a decision

A user can add as many notes as they wish before they change the outcome:





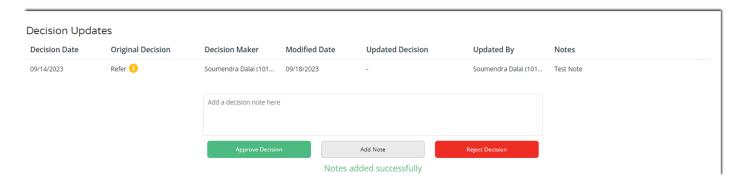


1. Enter text in the box.



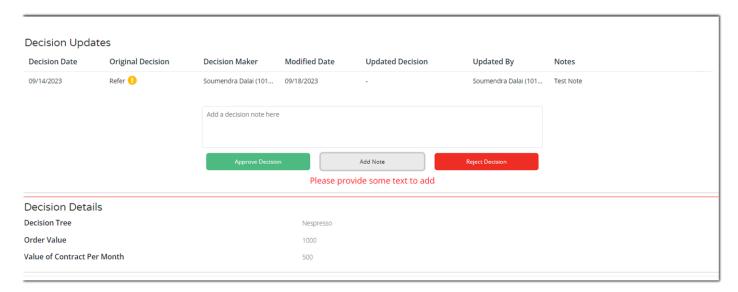
2. Click 'Add Note'

This will save the note and then display a 'Decision Updates' table showing all notes and other details for referred decision:

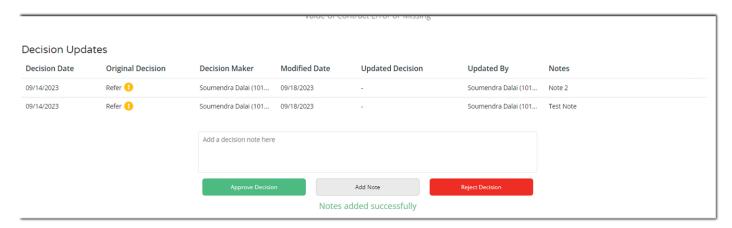


If there is no text to add, the Add Note button will not function.





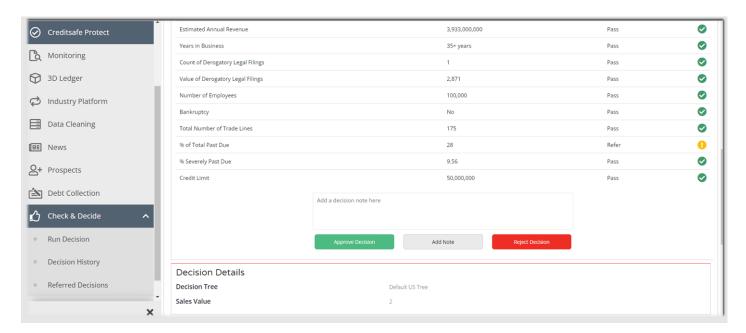
You can repeat 'adding a note' as many times as necessary to convey information and capture working processes or audit information.



Changing a Decision Outcome

Users will be able to change the decision outcome to either a Approve or Reject, in this example we have 'Approve Decision' and 'Reject Decision' as options:





- 1. Add a note about the decision (this is not mandatory)
- 2. Choose to Approve the decision, or
- 3. Choose to Reject the decision.



New Success Pop-up Modal Window

When you are changing the outcome of a Referred decision to either Manually Approved or Manually Rejected, we have added a "Decision Updated" pop-up modal window to provide a clear visual of the decision you have successfully updated. The call to actions provided on the Pop-up modal window will redirect you to the page where you can view the complete details on the last updated decision, and you can navigate back to the source page to act on other referred decisions.

The purpose of this change is to make the user interface more intuitive and prevent users from losing sight of the decision they took on referred outcomes.

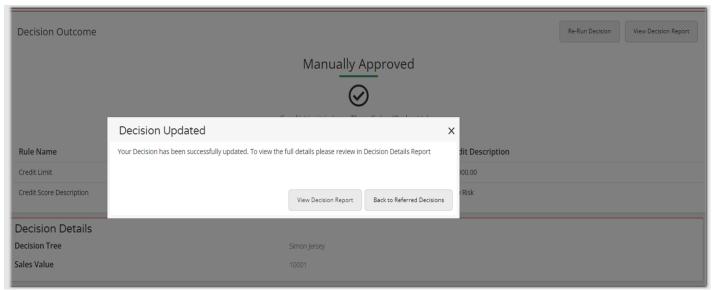
You will see the below 2 calls to action on the "Decision Updated" pop-up modal window when you are navigating from the Referred Decisions page to update a referred decision.

- 1. "View Decision Report"
- 2. "Back to Referred Decisions"

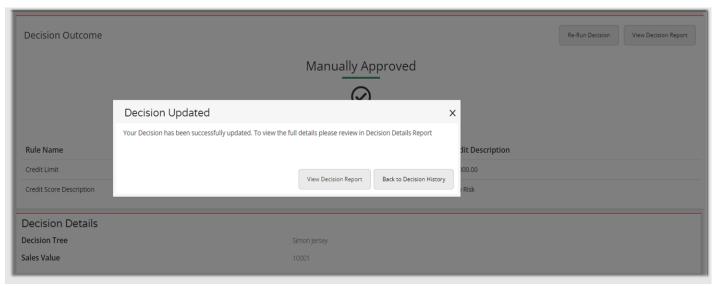
If you are navigating from the Decision History page to update a referred decision, then you must see the below 2 calls to action on the "Decision Updated" pop-up modal window.



- 1. "View Decision Report"
- 2. "Back to Decision History"



Updating a referred decision from Referred Decisions Page



Updating a referred decision from Decision History Page

Selecting the 'View Decision Report' will navigate you to the Single View Decision page (Decision Details Report) from the "Decision Updated" modal window itself to view the complete Decision details.

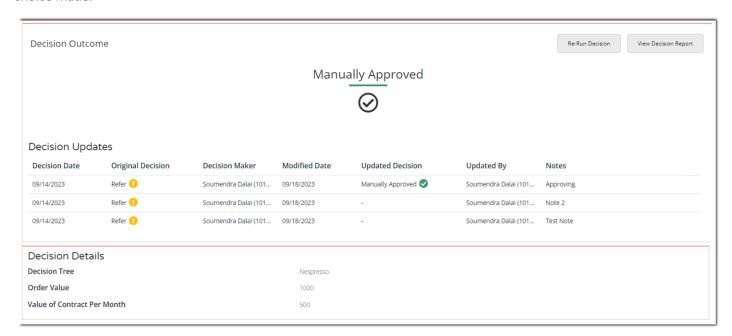
On selecting the "Back to Referred Decisions" button will navigate you to the default list view of the Referred Decisions page.

On selecting the "Back to Decision History" button will navigate you to the default list view of the Decision History page.

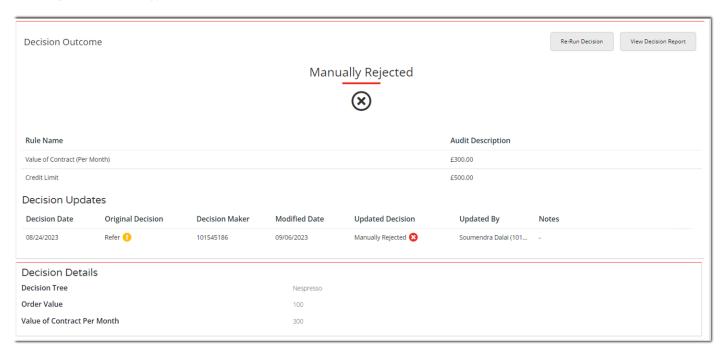


Note: The referred decision record must be updated with the latest decision and be available on the Decision History list

These actions will save the note to the decision (as above) and change the outcome of the decision to reflect the choice made.



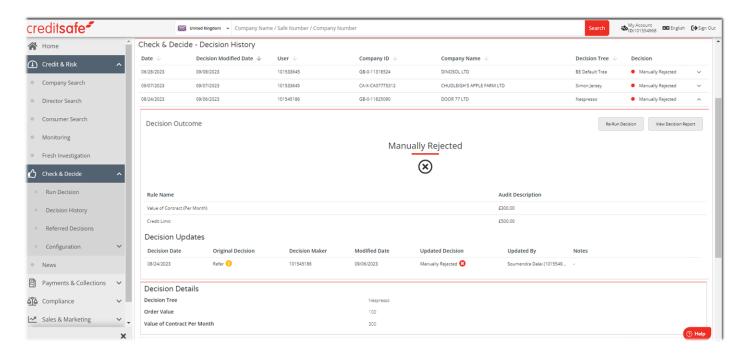
When a Referred decision is Approved



When a Referred decision is Rejected

After changing the status of a decision, the functionality to change a decision is removed from the screen.





You must view the below details displayed in the "Decision Updates" section:

- 1. 'Decision Date': Date on which the original decision was made.
- 2. 'Original Decision': Original Decision is going to be default 'Refer.'
- 3. 'Decision Maker': User [Contact name (User ID)] who ran the decision.
- 4. 'Modified Date': Date on which either a note was added, or a manual decision was taken or both.
- 5. 'Updated Decision': Decision updated to either 'Manually Approved" or "Manually Rejected."
- 6. 'Updated By': User [Contact name (User ID)] who added the notes or updated the decision manually.
- 7. 'Notes': Captures the notes added by the user during reviewing the decision or while updating it.

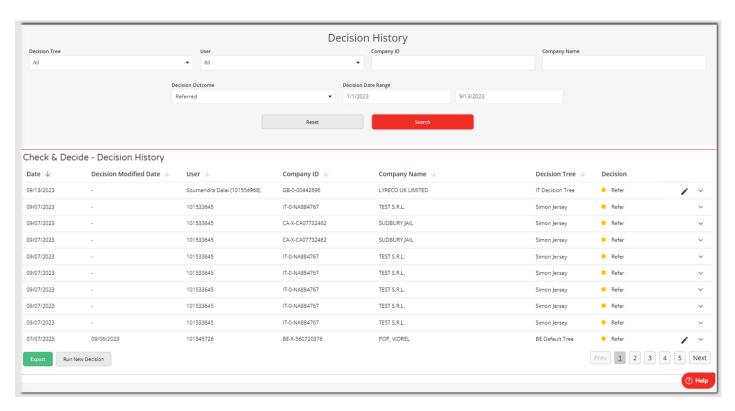
Note: The most recent update on the referred decision will be displayed at the top of the table in "Decision Updates" section. The decision update records must be sorted in descending order based on their modification date.

Editing a decision from the Decision History screen

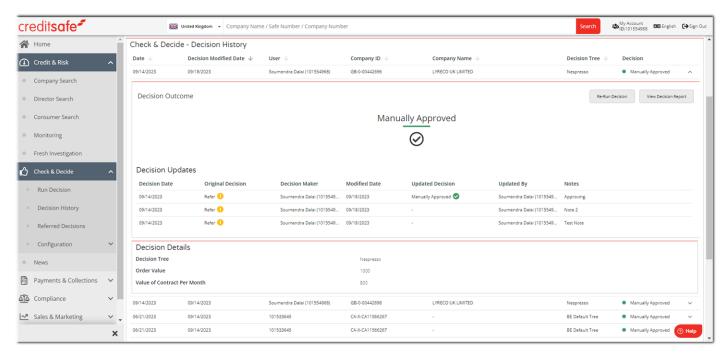
Users with the correct permission will be able to expand an editable referred decision and then edit it in the same way as from the Referred Decisions page earlier:

- 1. Expand an editable decision by clicking the 'pencil' or the down chevron.
- 2. Type a note.
- 3. Save the note.
- 4. Accept the Decision, or
- 5. Reject the Decision





Carrying out these actions will change the status of a decision and display the related changes in a table:





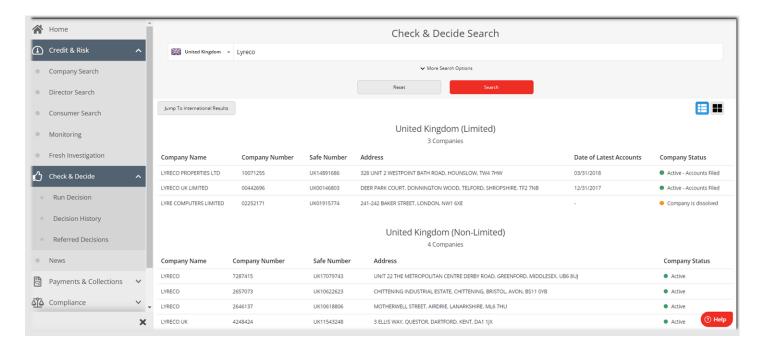
View Company Report

On the Decision Details page and Single Decision view page, we are providing a "View Company Report" hyperlink that would redirect users to the Company Report.

If the Company Report or SAFE number is not available, users will not be able to access the "View Company Report" hyperlink on the page.

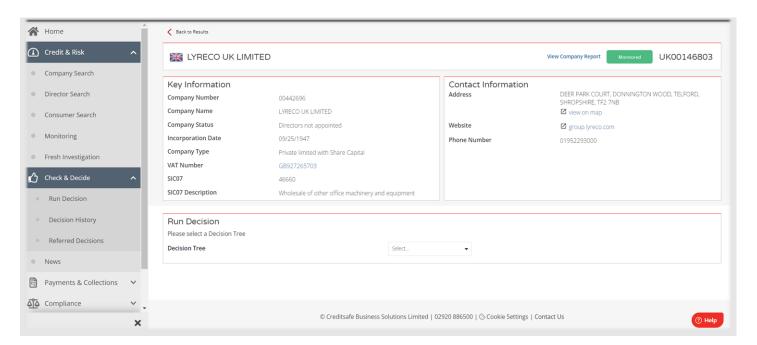
View Company Report from Run Decision Page

1. Search for a Company

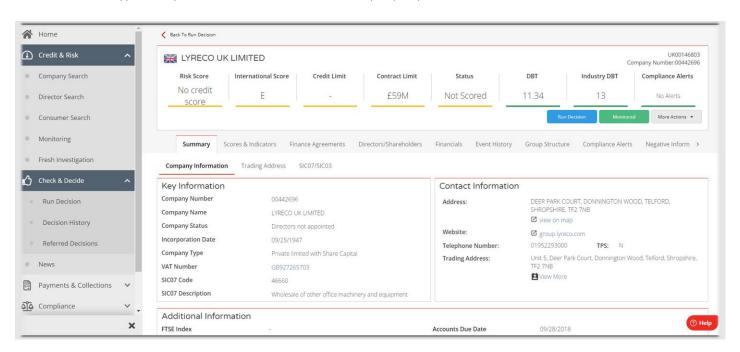




2. Selecting the Company Name, the user would be redirected to the Run Decision page.

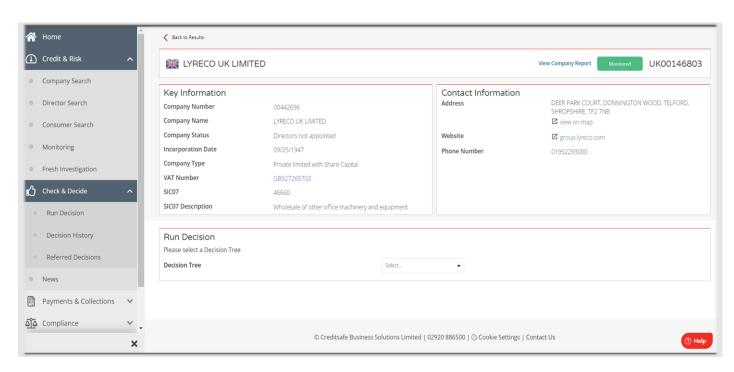


3. On the Run Decision page, you can view the "View Company Report" hyperlink. Upon selecting the hyperlink, you will be redirected to the Company Report.

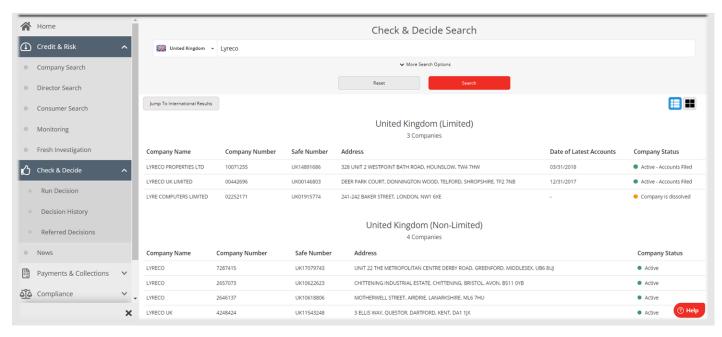


4. Upon selecting "Back To Run Decision" button, user will be redirected to the exact Run Decision page they were on before accessing the Company Report.





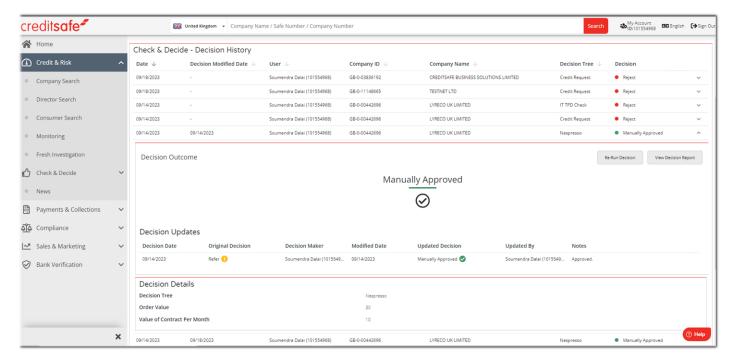
Selecting the 'Back to Results' button will navigate user to the Check & Decide Search page.



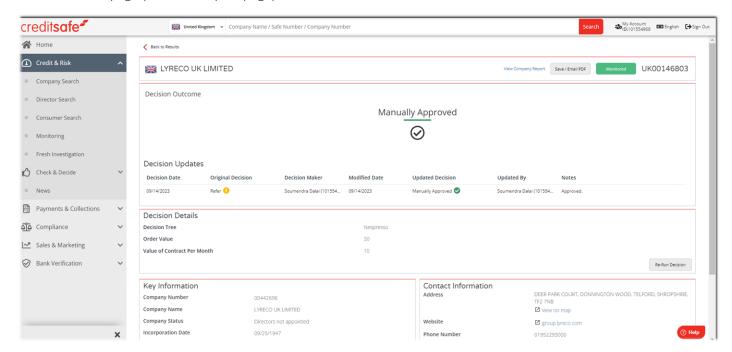


View Company Report from Single View Decision Page

1. User must navigate to either "Decision History" or "Referred Decisions" page. Upon expanding a decision record, they can select "View Decision Report" button.

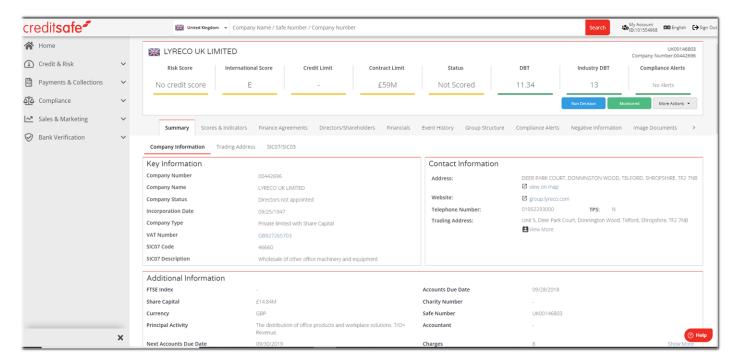


2. Selecting the "View Decision Report" button, you would be redirected to the Single Decision view page (Decision Report page).

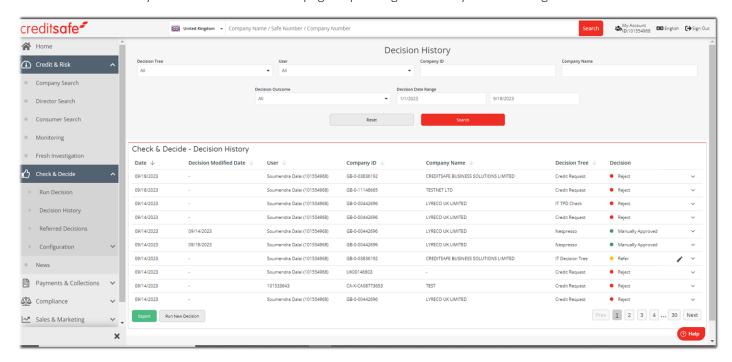


3. On the Single Decision view page, you can view the "View Company Report" hyperlink. Upon selecting the hyperlink, you would be redirected to the Company Report.





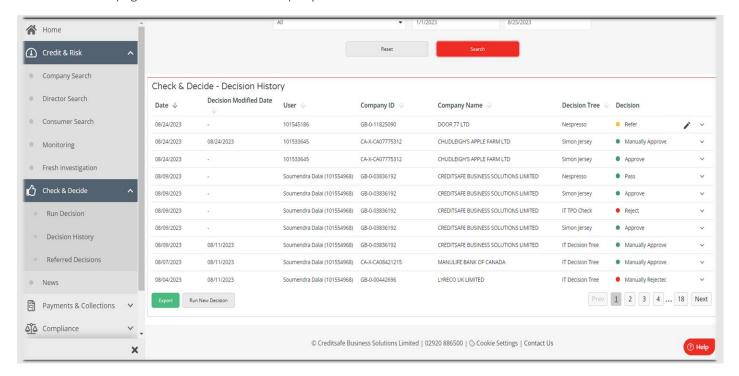
- 4. Upon selecting "Back To Decision Report" button, the user will be redirected to the exact Single Decision view page they were on before accessing the Company Report.
- 5. Upon selecting the "Back to Results" button, user will be redirected to the default list of the "Decision History" or "Referred Decisions" page depending on where you have navigated from.



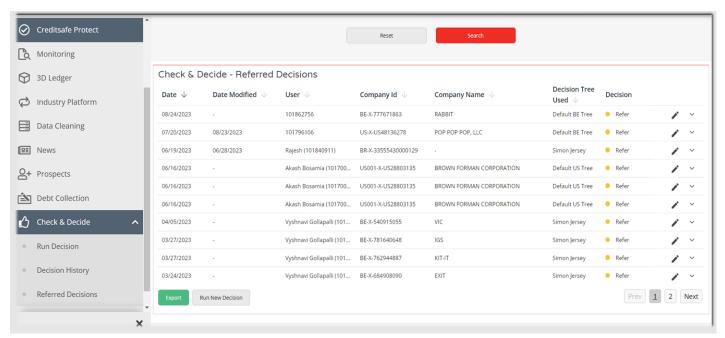


Run a New Decision

On the Decision History page, Referred Decision page and Decision Outcome page, you will find a button labelled as "Run New Decision" to initiate a decision run. Selecting the 'Run New Decision' button will navigate you to the Check & Decide search page to look for another company and run a new decision.

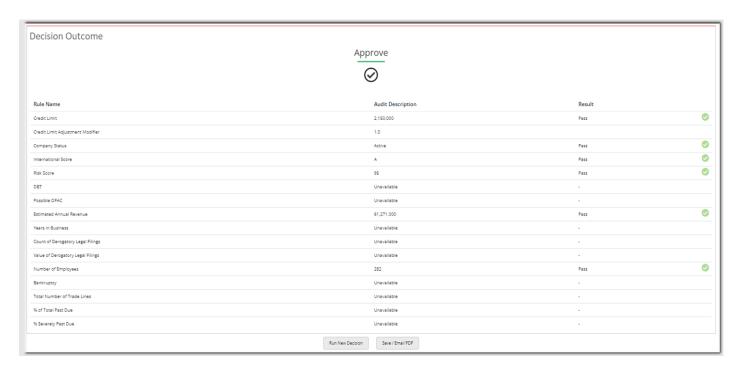


Decision History page



Referred Decisions Page





Decision Outcome Page

Export Functionality

Once you navigate to the Decision History and Referred Decisions page, you will be provided with an ability to export the tabular data. This will enable users to further analyse and manipulate the data.

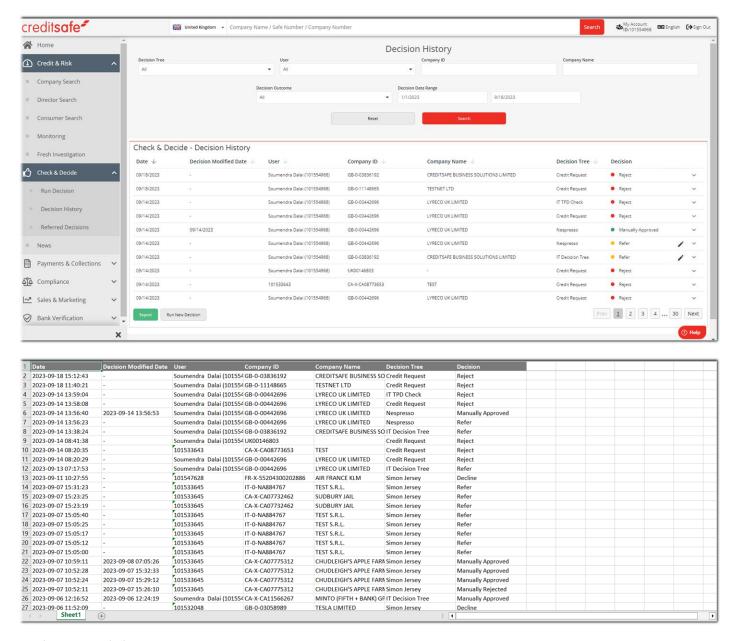
- 1. The Excel file is downloadable and saved to a specific location on the user's device.
- 2. The file extension of the exported Excel file is .xlsx

Export

If user selects "All" in the Decision Tree filter, then the exported file will contain the decision history of all the decision trees used for running the decision.

Note: The exported file when all the decision trees are selected would not include the "Rule Name", "Audit Description" and the "Result" details.



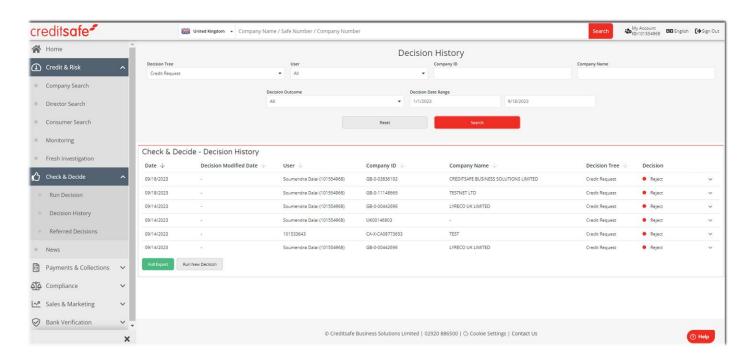


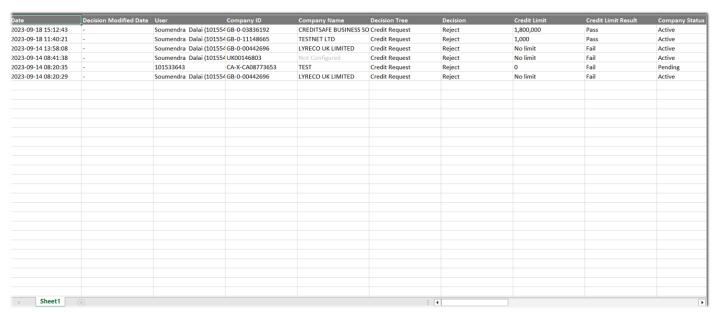
Sample Export Excel File

Full Export

If you select a particular Decision Tree, then the button label would change to "Full Export" from "Export". The "Rule Name", "Audit Description" and the "Result" details are included in the exported file upon performing a full export.







Sample Full Export Excel File

Tree Configuration

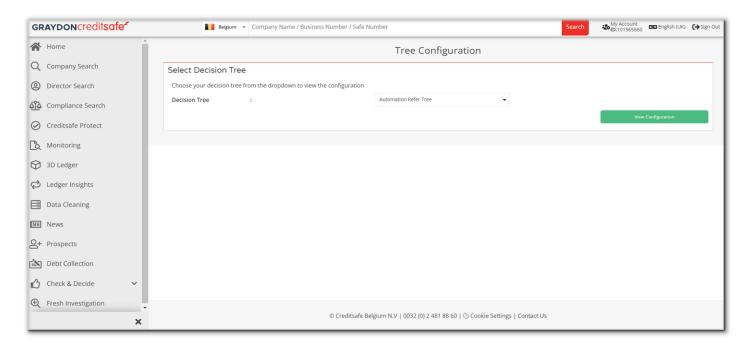
The Tree Configuration functionality allows users to retrieve the configuration details for the decision tree they have permission for. The Tree Configuration page or pane will display only the metrics and thresholds configured for the tree.

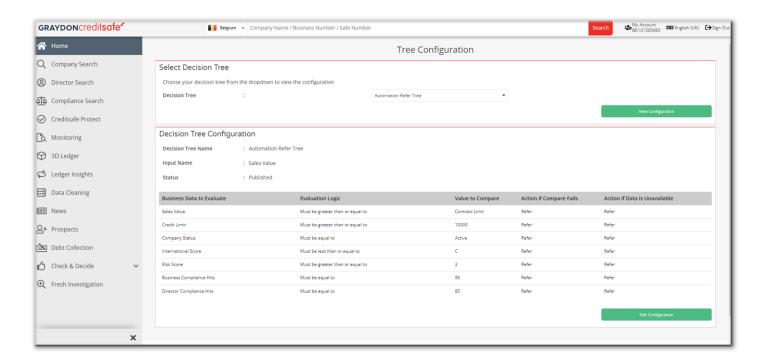
The user would be able to modify the Decision Tree configuration based on the permission granted to them for the respective decision tree. The edit function displays the current selections for an existing instance and allows the user to change any previous selections and thresholds. The user can 'Save' or 'Cancel' the modifications.



View Configuration

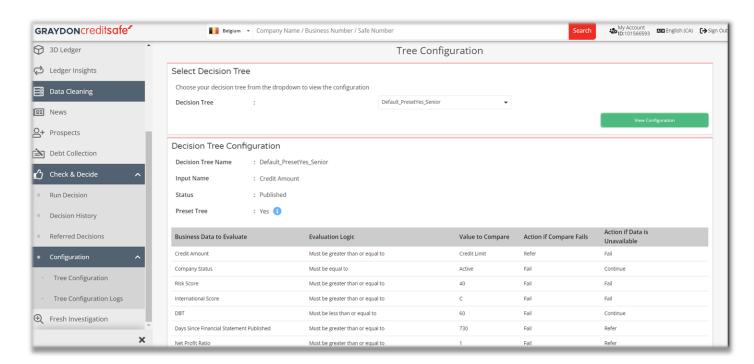
As part of the 'View Configuration' functionality, there is a provision for users to view the existing configuration details for the Decision tree they have access to.





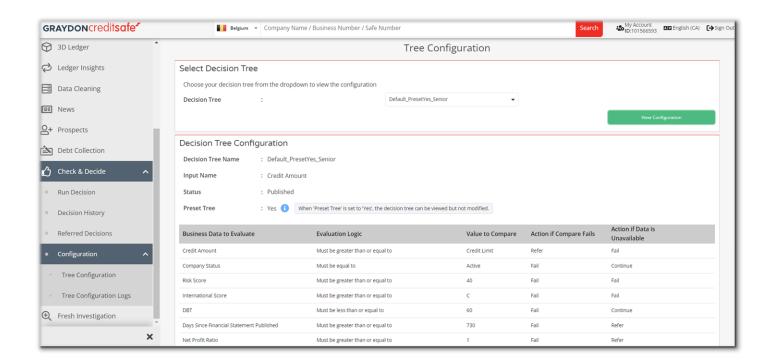
Not a Pre-configured Template





Pre-configured Template

Users can modify an existing Decision tree configuration only if it is not a pre-configured template tree.



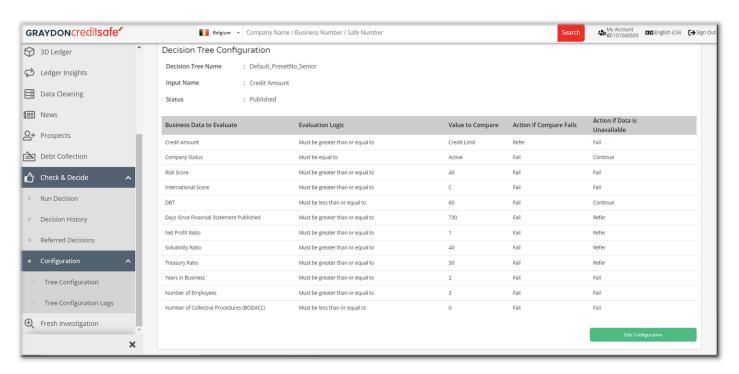


Edit Configuration

Senior users with the required permissions would be able to edit the decision tree configuration details. Edit configuration can only be performed if the Preset Tree value is set to 'No' i.e., the decision tree selected is not a preconfigured template tree.

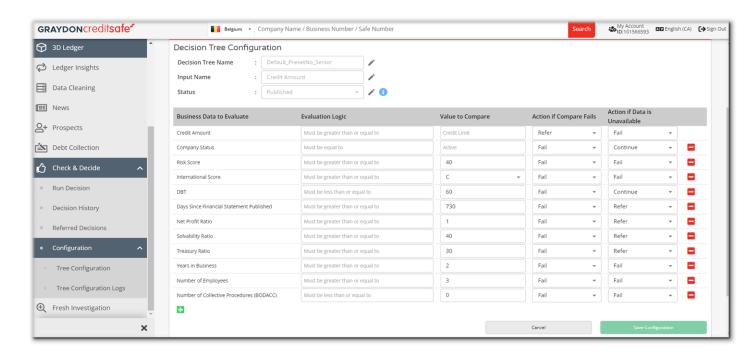
If the Preset Tree value is set to 'Yes', users can only view the configuration details as it is a pre-configured template tree.

Users with the required permissions can select the 'Edit Configuration' button on the bottom right of the Decision Tree Configuration panel.



Upon selecting the 'Edit Configuration' button, the view within the "Decision Tree Configuration" section would transition to an editable state.





On the "Decision Tree Configuration" panel, the senior users will be able to perform the below actions:

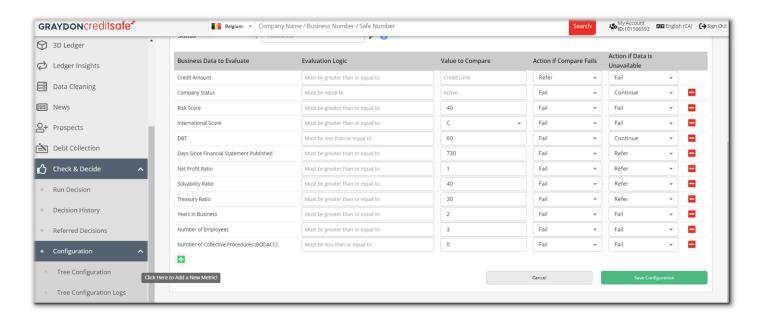
- 1. Change the Decision Tree name.
- 2. Change the Display name for the Input field.
- 3. Change the Status of the Decision Tree (Published/Unpublished)
- 4. Update any existing thresholds.
- 5. Add new metrics not in the current Decision Tree.
- 6. Set thresholds for any new metrics.
- 7. Remove new or existing metrics from the decision tree configuration. This means that the metric will not be included when you run a decision for that decision tree.
- 8. Add/Update the action if compare fails.
- 9. Add/Update the action if data is unavailable.

Add and Remove metric

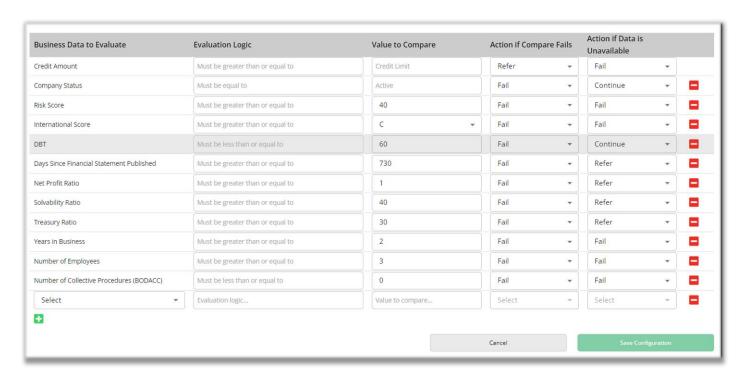
User must be able to add a new metric to an existing Decision tree by selecting the '+' icon on the 'Decision Tree Configuration' panel.

1. When user hovers over the '+' icon, they must view a tooltip that states "Click Here to Add a New Metric!"



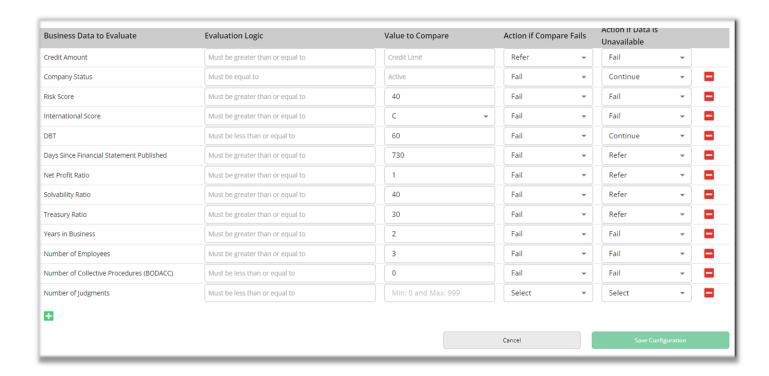


2. When user selects the '+' icon, a new record is added.

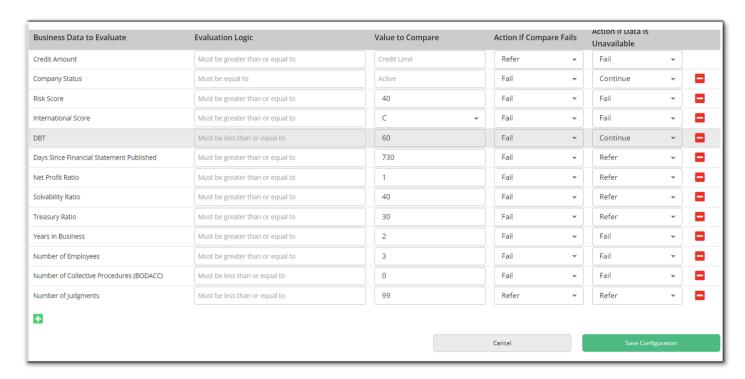


3. User can select the metric from the 'Business Data to Evaluate' dropdown. Based on the metric selection, the evaluation logic will get prepopulated.



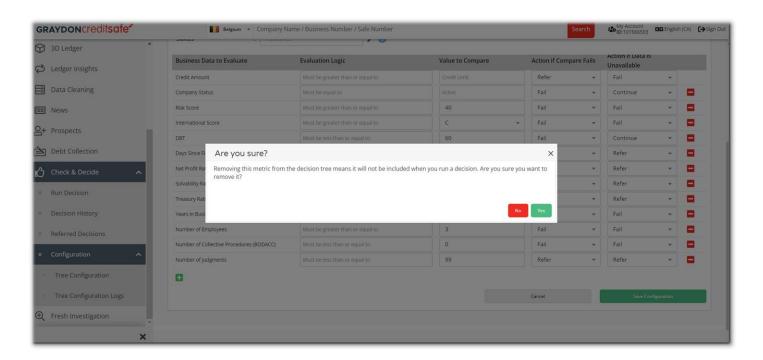


4. Now, user can enter the value to compare and select the statuses for the action if compare fails and if the data is unavailable from the respective dropdowns.

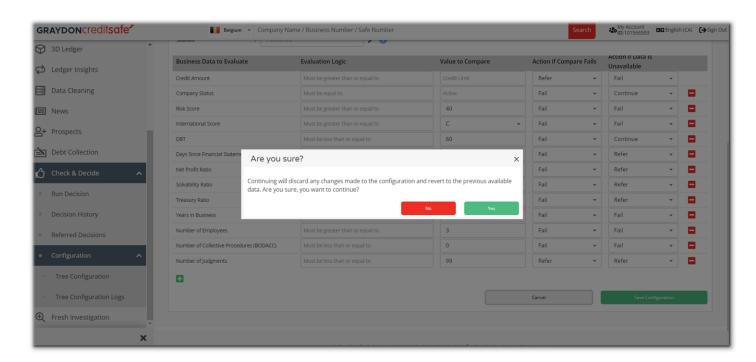


5. If user wants to remove any newly added metric or an existing metric from the configuration, then select the remove icon next to the metric record.





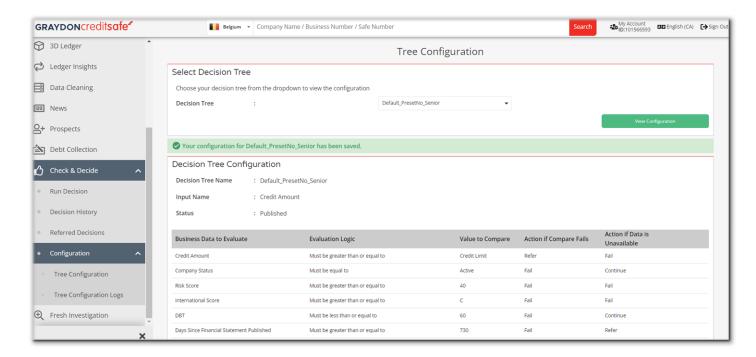
- 6. Upon confirming, the metric will be removed from the configuration.
- 7. If user wants to discard the changes made to the configuration, then select the 'Cancel' button on the 'Decision Tree Configuration' panel. Upon selecting the 'Cancel' button and confirming on the pop-up modal window, all the changes made to the tree configuration will be reverted.



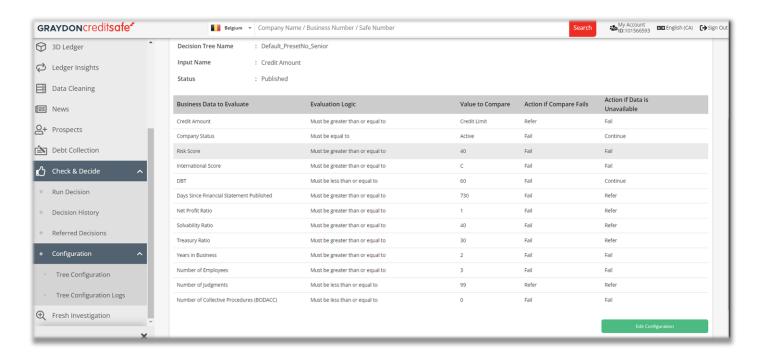
8. Upon selecting 'Yes', user will be navigated to the view configuration page.



9. User can now go ahead and save the configuration. Select the 'Save Configuration' button. Upon selecting the 'Save Configuration' button, all the updates made to the tree configuration will be saved and user will be navigated to the view configuration page.



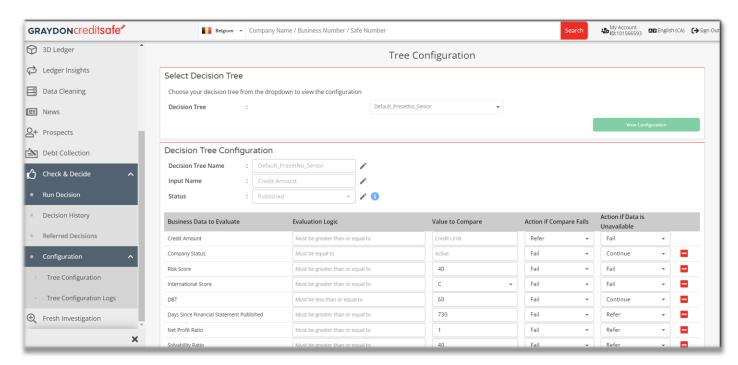
10. Upon save, user can view the updated details on the 'Decision Tree Configuration' panel on the view page.



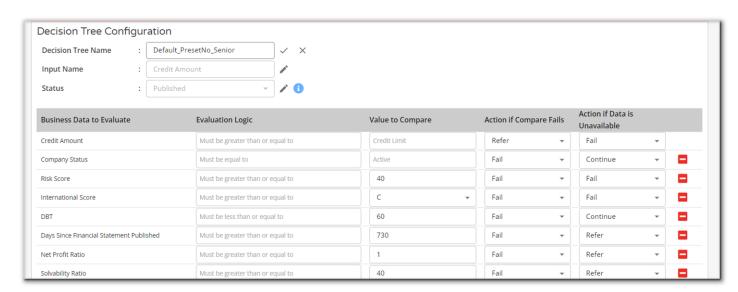


Modify the Basic Tree details

User can also update the basic tree information like the 'Decision Tree Name', display name for the input field i.e., 'Input Name' and 'Status' in the Edit mode.

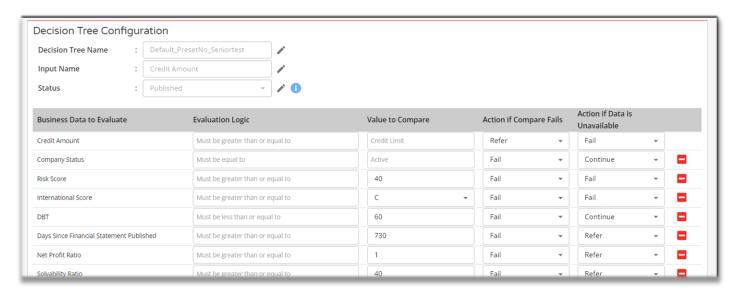


1. User can select the 'Edit' icon next to the field. Upon selecting the 'Edit' icon, the field transitions into an editable state.

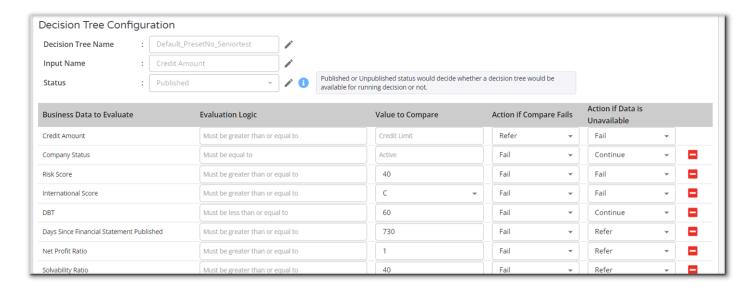




2. User can make the necessary changes and click on the tick icon to update the details.



- 3. Similarly, user can also update the Input Name and the Status.
- 4. The Status field can be updated to either 'Published' or 'Unpublished'. Published or unpublished status would decide whether this decision tree would be available for decision run or not.



Modify Threshold Values, Failed Status and Unavailable Status

User can update the threshold values, Failed statuses, or Data unavailable statuses for the existing metrics as well.



Business Data to Evaluate	Evaluation Logic	Value to Compare		Action if Compar	e Fails	Action if Data is Unavailable		
Credit Amount	Must be greater than or equal to	Credit Limit		Refer	•	Fail	•	
Company Status	Must be equal to	Active		Fail	~	Continue	•	
Risk Score	Must be greater than or equal to	40		Fail	–	Fail	•	
International Score	Must be greater than or equal to	С	•	Select		Fail	•	
DBT	Must be less than or equal to	60		Refer Fail		Continue	•	
Days Since Financial Statement Published	Must be greater than or equal to	730		Fail	~	Refer	•	
Net Profit Ratio	Must be greater than or equal to	1		Fail	-	Refer	~	
Solvability Ratio	Must be greater than or equal to	40		Fail	-	Refer	•	
Treasury Ratio	Must be greater than or equal to	30		Fail	•	Refer	•	
Years in Business	Must be greater than or equal to	2		Fail	•	Fail	•	
Number of Employees	Must be greater than or equal to	3		Fail	•	Fail	•	
Number of Judgments	Must be less than or equal to	99		Refer	-	Refer	•	
Number of Collective Procedures (BODACC)	Must be less than or equal to	0		Fail	~	Fail	-	-

Undate Failed Status

Business Data to Evaluate	Evaluation Logic	Value	to Compare		Action if Compare Fail	s i	Action if Data is Unavailable		
Credit Amount	Must be greater than or equal to	Credit	Limit		Refer	•	Fail	*	
Company Status	Must be equal to	Active			Fail	•	Continue	•	
Risk Score	Must be greater than or equal to	40			Fail	•	Fail	*	
International Score	Must be greater than or equal to	С		~	Fail	-	Select		
DBT	Must be less than or equal to	60			Fail		Continue Refer		
Days Since Financial Statement Published	Must be greater than or equal to	730			Fail		Fail Refer	*	-
Net Profit Ratio	Must be greater than or equal to	1			Fail	•	Refer	•	-
Solvability Ratio	Must be greater than or equal to	40			Fail	•	Refer	•	
Treasury Ratio	Must be greater than or equal to	30			Fail	•	Refer	•	
Years in Business	Must be greater than or equal to	2			Fail	•	Fail	•	
Number of Employees	Must be greater than or equal to	3			Fail	•	Fail	•	
Number of Judgments	Must be less than or equal to	99			Refer	•	Refer	•	
Number of Collective Procedures (BODACC)	Must be less than or equal to	0			Fail	~	Fail	*	-
8									

Update Data Unavailable Status



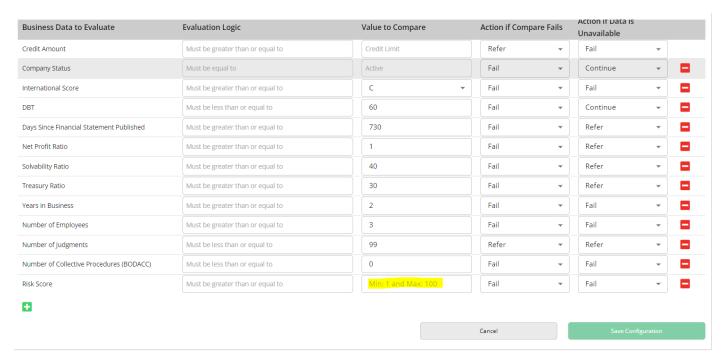
Business Data to Evaluate	Evaluation Logic	Value to Compare	Action if Compare Fails	Action if Data is Unavailable
Credit Amount	Must be greater than or equal to	Credit Limit	Refer 🔻	Fail
Company Status	Must be equal to	Active	Fail 🔻	Continue 🔻 🗖
International Score	Must be greater than or equal to	C	Fail	Fail 🔻 🗖
DBT	Must be less than or equal to	60	Fail 🔻	Continue 🔻 🗖
Days Since Financial Statement Published	Must be greater than or equal to	7300 🗘	Fail 🔻	Refer ▼ 🗖
Net Profit Ratio	Must be greater than or equal to	1	Fail	Refer ▼ □
Solvability Ratio	Must be greater than or equal to	40	Fail 🔻	Refer ▼ 🗖
Treasury Ratio	Must be greater than or equal to	30	Fail 🔻	Refer ▼ 🗖
Years in Business	Must be greater than or equal to	2	Fail	Fail 🔻 🗖
Number of Employees	Must be greater than or equal to	3	Fail	Fail 🔻 🗖
Number of Judgments	Must be less than or equal to	99	Refer •	Refer ▼ 🗖
Number of Collective Procedures (BODACC)	Must be less than or equal to	0	Fail 🔻	Fail 🔻 🗖

Update Threshold Value

Validations

We are performing certain validation checks when a user is updating the data in the configuration table and saving the changes. We are going to display some visual cues to indicate the required fields explaining what went wrong and how to correct it.

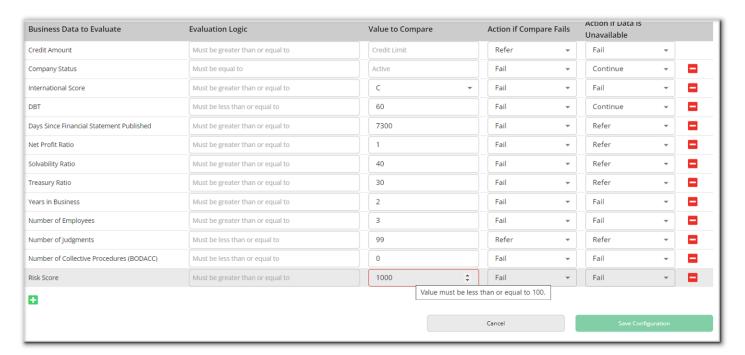
User can view a placeholder text that indicates the defined range for a particular metric. For example, if user wishes to add Risk Score metric to their existing configuration, they can see that the Min and Max value defined for 'Risk Score' in the 'Value to Compare' column.



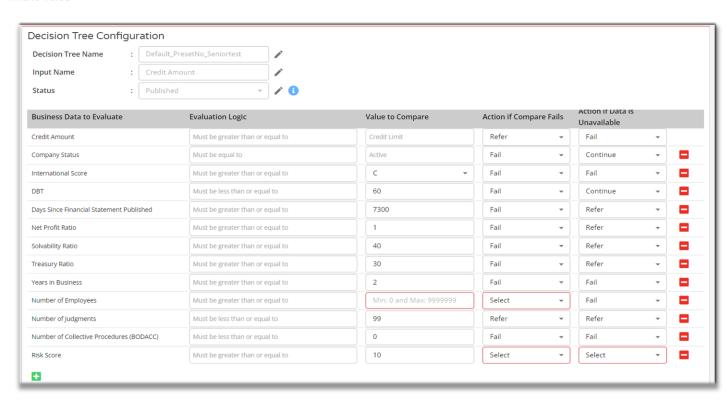


If user enters a value that is beyond the defined range, then we indicate that to the user by highlighting the field and providing some visual information. For example, user has entered 1000 as the threshold value for 'Risk Score' metric but the defined range is 0 to 100. In this case, we highlight the cell and provide a visual cue to the user.

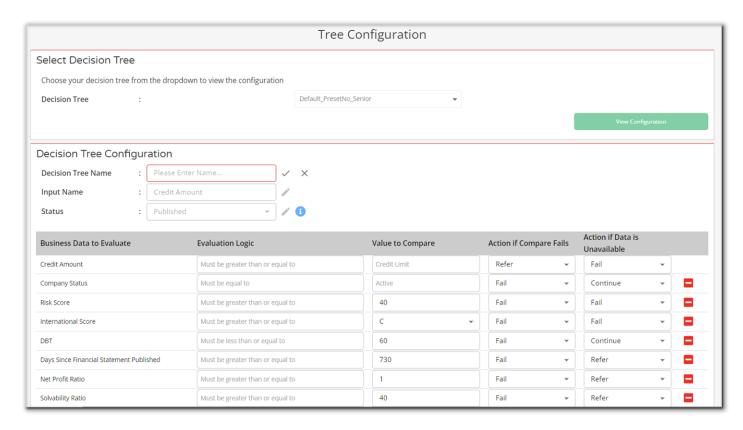
User will not be able to save the configuration unless they enter a valid value wherever applicable or leave a required field blank.



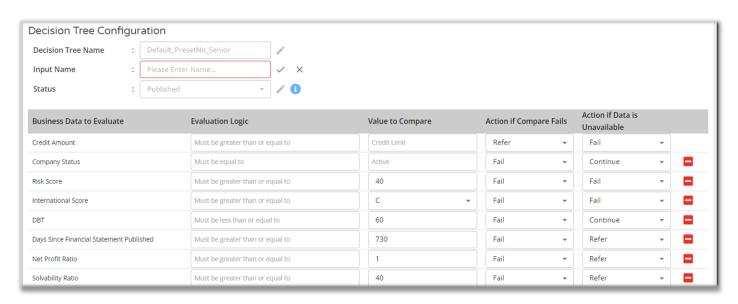
Invalid Value







If Decision Tree Name is empty



If display name for input field is empty

Tree Configuration Logs

Users can quickly and easily access the Tree configuration logs within Check & Decide to view the history log for a Decision Tree to track and review the past actions and changes made to the Tree configuration.

User must view a new sub-tab named "Tree Configuration Logs" added under the 'Configuration' sub-menu. Selecting "Tree Configuration Logs" sub-menu must take the user to the "Tree Configuration Logs" page.

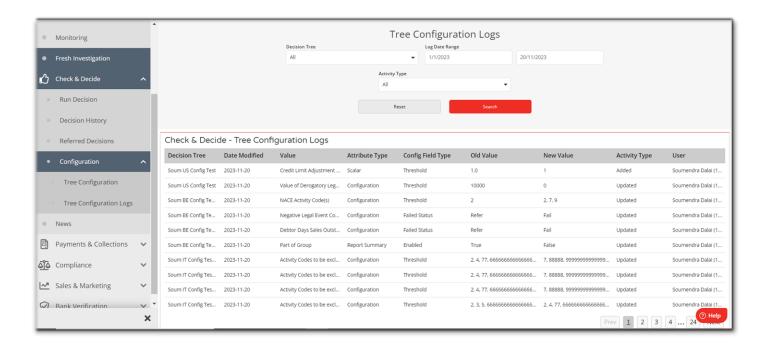


The user must be able to reset the updated search filters by selecting the 'Reset' button. (The default Log Date Range must not be reset).

The user must be able to perform a search with the selected filters by selecting the 'Search' button.

Under the "Tree Configuration Logs" page header, the user must be able to view the below search filters:

- 1. 'Decision Tree' (Default set to 'All')
- 2. 'Log Date Range' (Default 'From' date is start of the year and the default 'To' date must be the current system date)
- 3. 'Activity Type' with the dropdown values:
 - 1. 'Added'
 - 2. 'Updated'
 - 3. 'Removed'



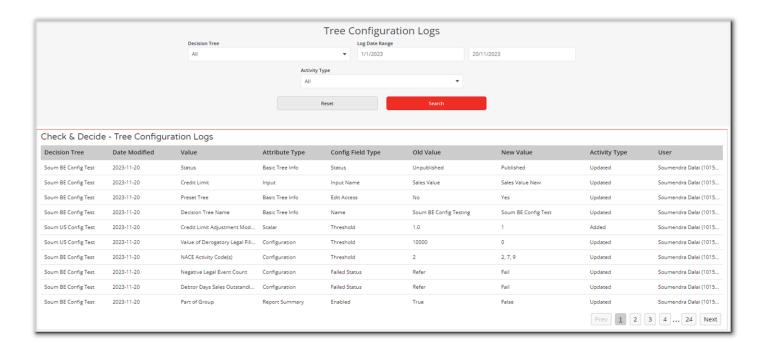
Log of changes to metrics for a decision tree:

- 1. Display a history of the metric added, updated, or deleted.
- 2. Display a history to show what Failed Statuses/Unavailable Statuses have been changed.
- 3. Display a history to show when Failed Statuses/Unavailable Statuses were changed.
- 4. Display a history to show who changed Failed Statuses/Unavailable Statuses.
- 5. Display a history of the Unavailable Status updates.
- 6. Display a history to show what threshold values have been changed.
- 7. Display a history to show when threshold values were changed.
- 8. Display a history to show who changed threshold values.



You must view the below details displayed in the "Instance Log History" section.

- 1. 'Decision Tree Name'
- 2. 'Date Modified'
- 3. 'Value': Metric Name
- 4. 'Attribute Type'
- 5. 'Config Field Type'
- 6. 'Old Value'
- 7. 'New Value'
- 8. 'Activity Type'
- 9. 'User'



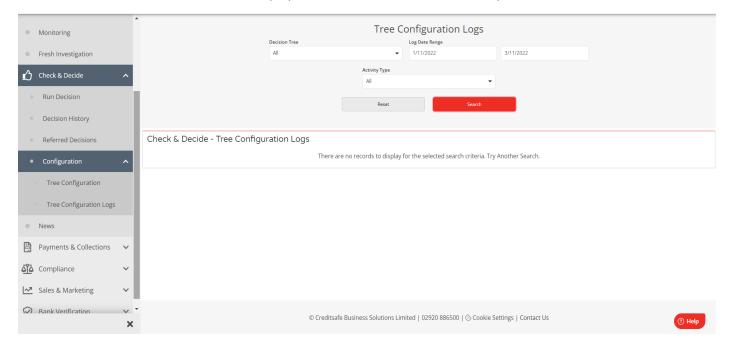
Note:

- 1. The most recent update on the Tree Configuration will be displayed at the top of the table in "Check & Decide Tree Configuration Logs" section. The history log records are sorted in descending order based on their modification date.
- 2. If no Configuration Log History is available, then we must display a banner message on the "Tree Configuration Logs" page that states "Looks like we don't have any Tree Configuration History available".





3. When Instance Log History data is available, but no matching record is found based on the search criteria, we must display an information message in the "Check & Decide – Tree Configuration Logs" section that states "There are no records to display for the selected search criteria. Try Another Search".



Customizable Outcome Wordings in Template Decision Models

View Decision Outcome Values and Descriptions

As part of this functionality, we are providing an ability to access and modify Decision outcome values and decision outcome descriptions for the selected tree directly from the user interface, so that users with required permissions can view the existing decision values and descriptions and easily manage and update decision values and descriptions.

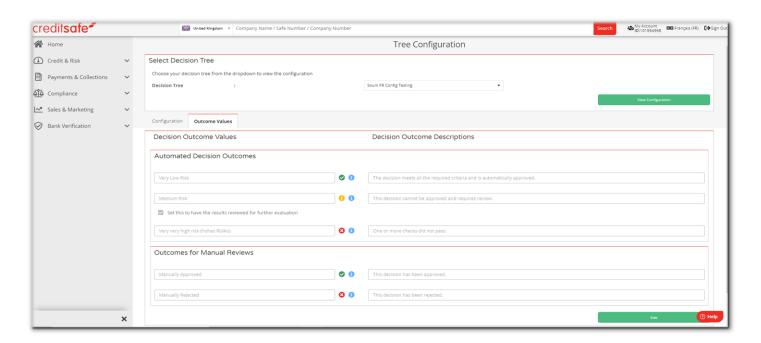


The user must select the 'Tree Configuration' sub-tab from the left navigation bar, and they will be taken to the "Tree Configuration" page.

When the user selects a decision tree and selects the 'View Configuration' button, two tabs labelled 'Configuration' and 'Outcome Values' are displayed at the top of the Tree Configuration page. This will allow users to switch between 'Configuration' and 'Outcome Values' pages effortlessly.

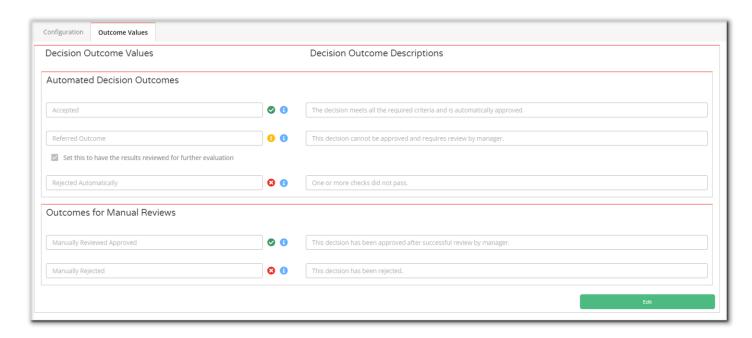
When the user selects the 'Outcome Values' tab, they will be navigated to the page that displays the current decision outcome values and decision outcome descriptions for the selected decision tree.

User can view the state of the Manual review checkbox. Additionally, there will be an 'Edit' button on this page to enable users to perform an update.



Users will be able to view 2 sub-sections named 'Automated Decision Outcomes' and 'Outcomes for Manual Reviews'.



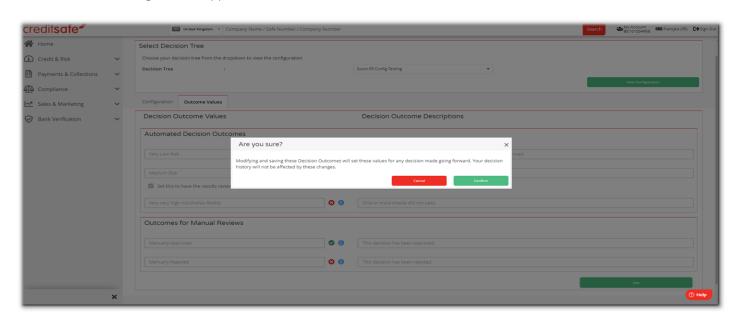


Edit Decision Outcome Values and Descriptions

Users will be able to modify/update the Decision outcome values, descriptions and the manual review restriction state. The authorized users can access the "Edit" button. Users will be provided with a provision to restrict the manual review process if the decision outcome is 'Refer'.

Upon selecting the 'Edit' button, users will be shown a 'Are you sure?' pop-up modal window with a confirmation message that states "Modifying and saving these Decision Outcomes will set these values for any decision made going forward. Your decision history will not be affected by these changes." This is to inform the user that any customization on the Decision outcome values, and Decision outcome descriptions page is not going to affect any of the past decisions on the selected decision tree.

The confirmation dialog box will appear.



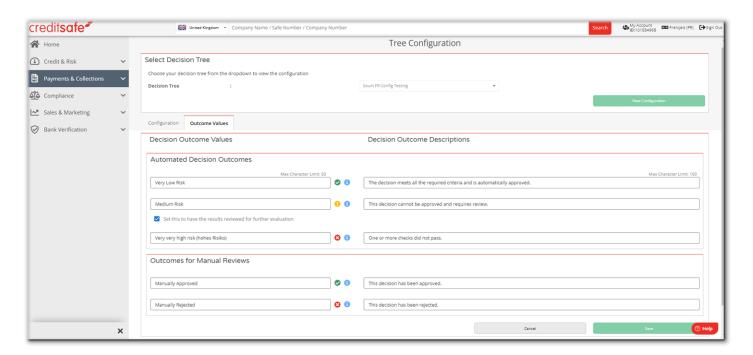


Once user confirms on the dialog box, the page transitions into an editable state. The "Save" button will remain disabled or greyed out if there are no changes to save. When the user starts updating the values, the 'Save' button will become clickable.

The textboxes and the manual review restriction checkbox will transition into an editable state. The users will be able to view the existing decision outcome values and descriptions based on the data available for the selected decision tree.

The input fields for 'Decision Outcome Values' has a maximum character limit set to '50' and the input fields for 'Decision Outcome Descriptions' has a maximum character limit set to '100'.

When attempting to input text, the users will not be able to enter characters more than the specified limit for Decision outcome values and Decision outcome descriptions.

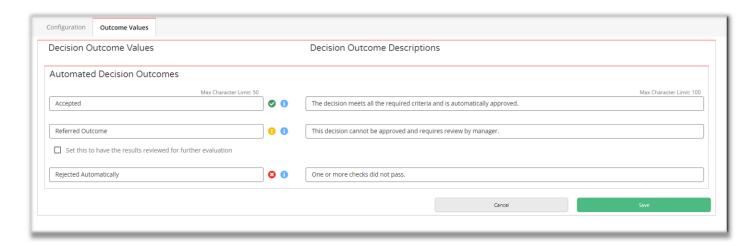


When the user removes the text completely from the input fields i.e., the value is empty or null, the interface displays a placeholder text for the Decision descriptions text input field or Decision outcome values text input field that states "Please Enter..."

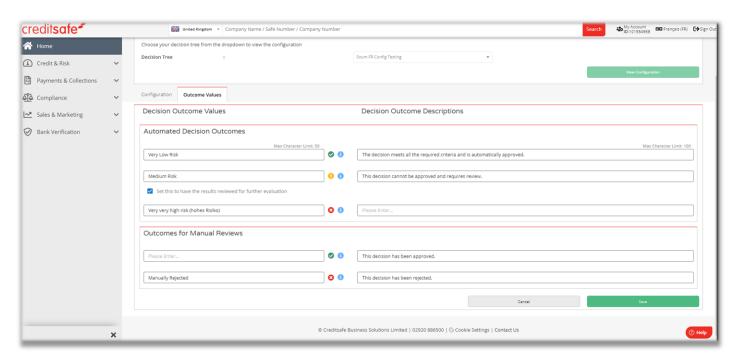
Note: If a user is in the Edit Decision outcome values and Decision outcome descriptions page and wants to switch to the other tab "Configuration", then any of the changes made on the Edit page will be lost and user will be navigated to the other page where they can view the latest details for the selected decision tree.

The user can deselect the checkbox to restrict the manual review process for the selected decision tree if the decision outcome comes as 'Refer'. The 'Outcomes for Manual Reviews' sub-section will be hidden if user deselects the checkbox. It will again be shown if user selects the checkbox.



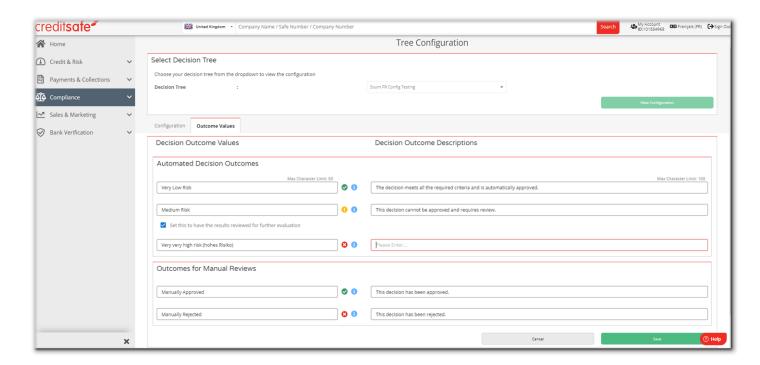


When user removes the text from any of the input fields, the interface displays text that states "Please Enter..."



When a user tries to save the changes with an empty field, the system performs a validation and highlights the cell with a red border and doesn't allow the user to save the changes.





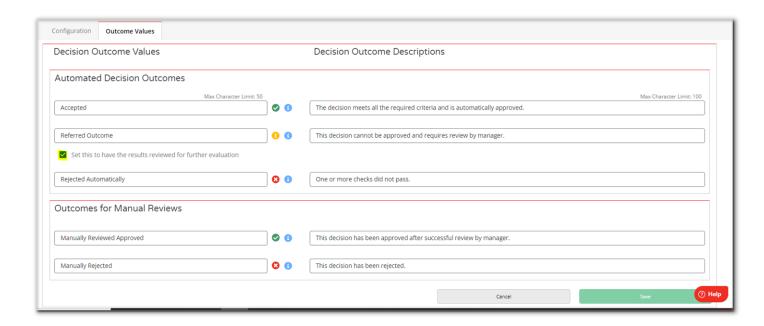
Manual Review Restriction

Currently in Check & Decide, we have manual review process default enabled for any decision outcome that comes as 'Refer'. But we have introduced a provision for user to be able to restrict the manual review process if there is no requirement to do any further evaluation and take a manual action on approving or rejecting a decision outcome that comes as 'Refer'.

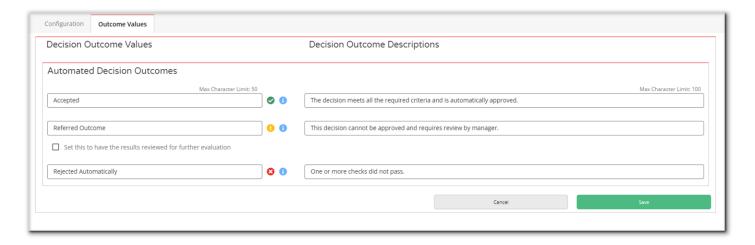
User can view a 'Set this to have the results reviewed for further evaluation' checkbox on the Decision outcome values and Decision outcome descriptions page.

• When a user selects the checkbox and saves the changes, they will have the ability to have the results reviewed by a manual process - then the user will have the option to change the Manual Approved/ Manually Rejected Decision Outcome labels.





• When a user deselects the checkbox and saves the changes, they will not have the ability to have the results reviewed by a manual process - then the Manually Approved and Manually Rejected labels will NOT appear in the UI to edit. These will again appear in the UI when the checkbox is selected.



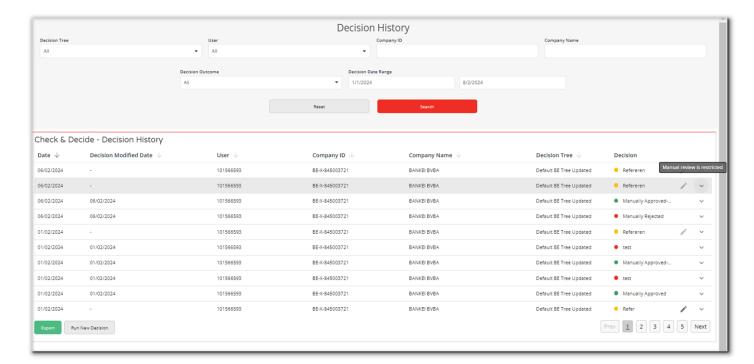
Changes to Decision outcome record in Decision History and Referred Decision page if Manual Review is restricted.

When user restricts the manual review process for a decision tree and runs a decision, the 'Edit' icon will be disabled on the decision record in Decision History and Referred Decisions page for a 'Refer' decision outcome. We also provide a visual cue to the user indicating the reason why the edit icon is disabled.

If the manual review process is restricted, even if user has the update permission for any referred decision outcome, the 'Edit' icon will be disabled with a tooltip message that states, 'Manual review is restricted'.



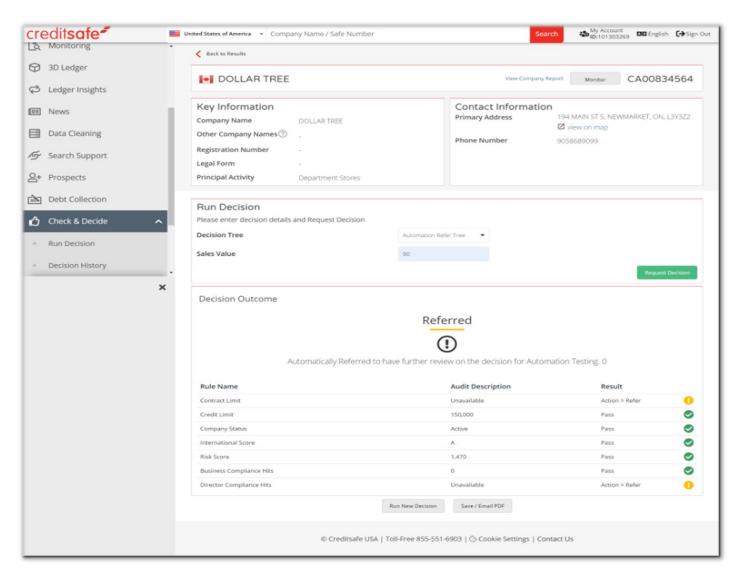


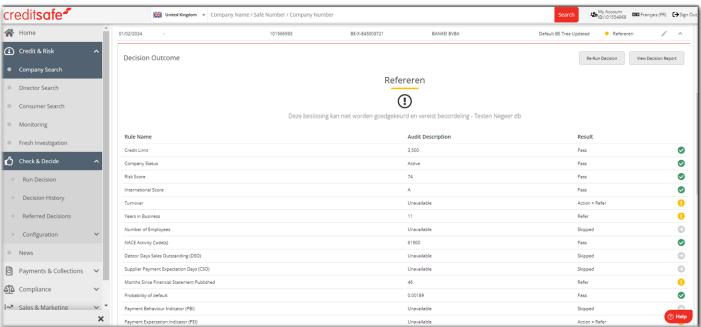


When user expands the decision record, the notes section, 'Add Note' button, 'Approve Decision' and 'Reject Decision' buttons will be hidden.

We would be able to see the same behavior in the Run Decision page if the decision outcome comes as 'Refer' when the manual review is restricted. The users must not be able to take any manual action on the referred decision outcomes.







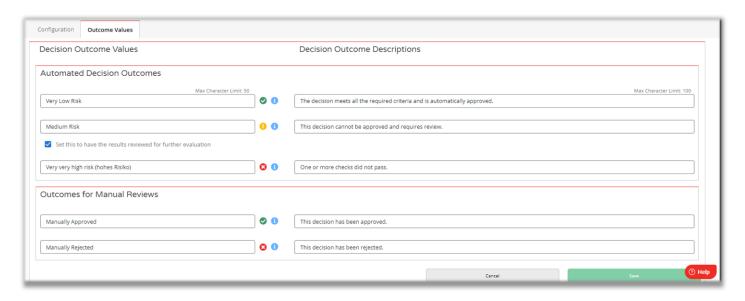




Cancel Changes

There is a provision for users to revert their changes made to the Decision outcome values or Decision description texts. This will provide users with the flexibility to interrupt any tasks if needed.

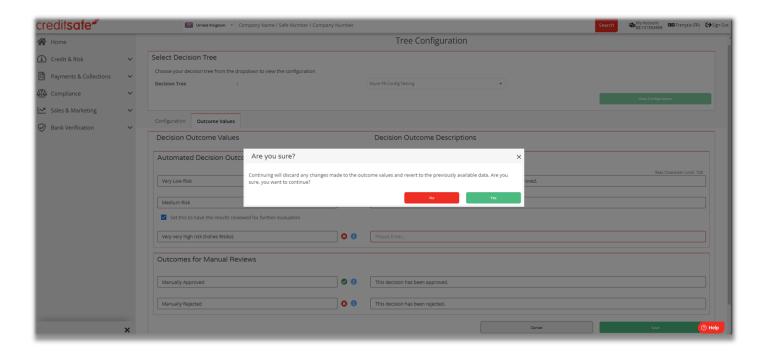
The 'Cancel' button is added to the Decision outcome values and Decision description page.



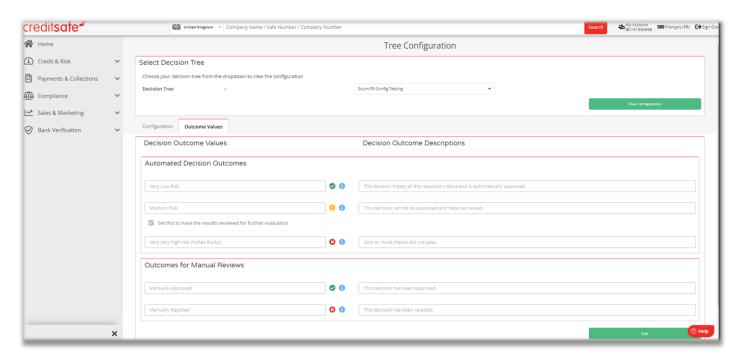
The 'Cancel' button is enabled by default and selecting the button will discard all the changes users would have made on the Decision outcome values and Decision description page.

Selecting the 'Cancel' button will prompt a "Are you sure?" confirmation dialog box asking if user is sure they want to discard the changes. Upon confirming, all the changes made to either Decision outcome values, Decision descriptions or the Manual Review restriction checkbox will be undone.





The 'Decision outcome values and Decision descriptions' page should revert to its previous state.



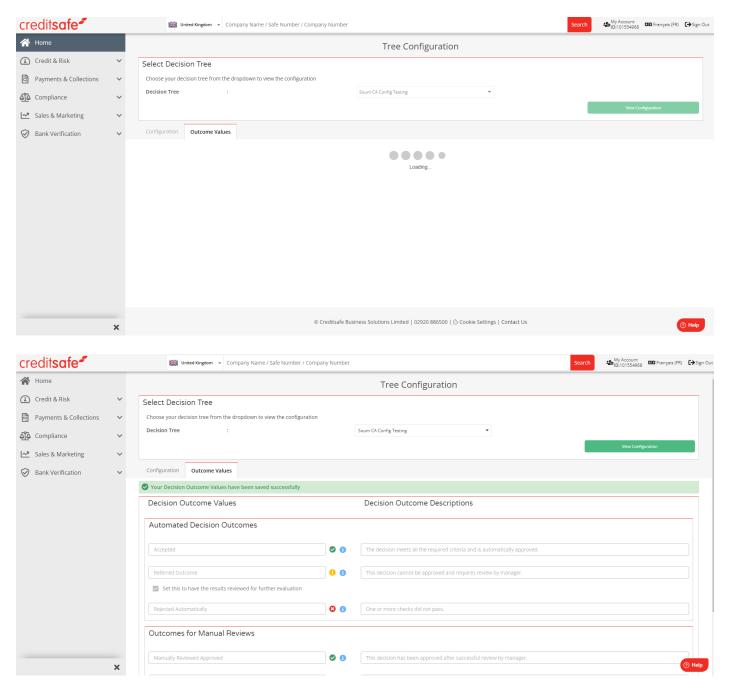
Save Changes

When a user has made changes to the decision outcome values, decision outcome descriptions and Manual review checkbox, an option for saving those changes is provided on the page.

The "Save" button will remain disabled or grayed out if there are no changes to save. Upon selecting 'Save', if there are no validation errors, then the changes are saved successfully.



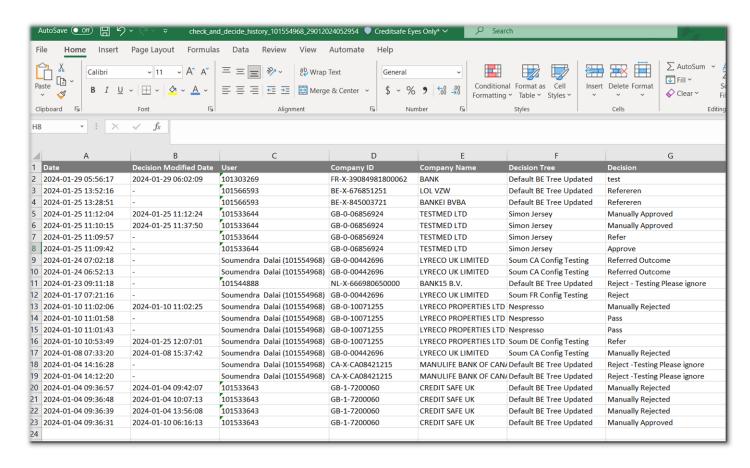
Once the changes are successfully saved, the user must be navigated to the default read only page of the Decision outcome values and Decision outcome descriptions. (Non-Editable)



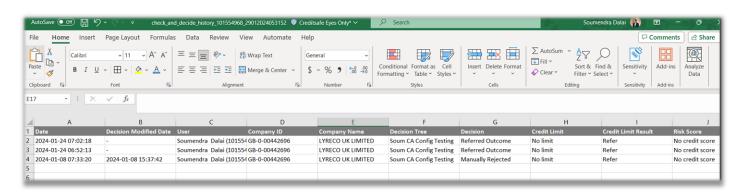
The user can view the latest changes made to the decision outcome values and decision outcome descriptions for the selected decision tree.

Note: The user can view the customized decision outcome wordings in the exported excel file (Applicable to Export and Full Export)





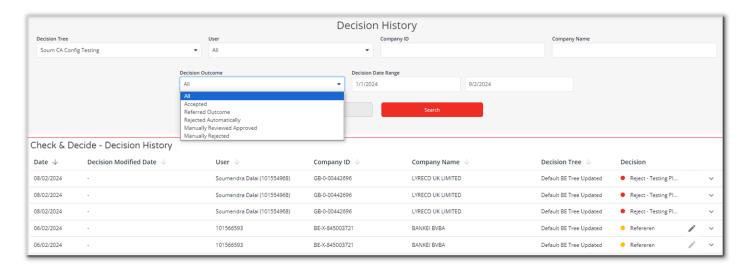
Export



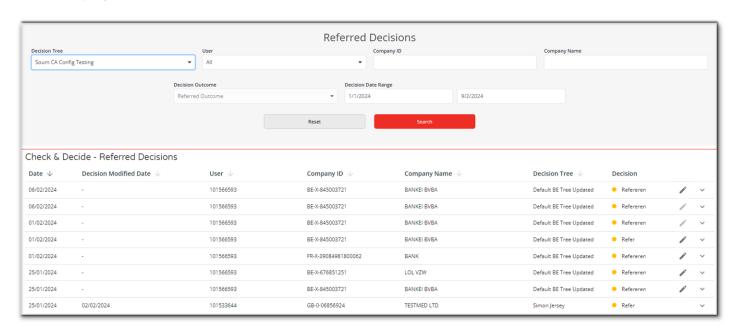
Full Export

Also, user would be able to view the latest customized decision outcome values for the selected decision tree in the 'Decision Outcome' dropdown in the Decision History and Referred Decisions page.





Decision History Page



Referred Decisions page.

Configuration Logs

Users can quickly and easily access the Tree configuration logs within Check & Decide to view the history log for a Decision Tree to track and review the past actions and changes made to the decision outcome values, decision outcome descriptions and the manual review restriction checkbox.

The users must be able to view the records added for the updates made to the Decision Values and Decision Descriptions. The log history will be default displayed for all the decision trees that user has access to, but user would have an option of filtering the records with the selected decision tree.

For the updates made to the Decision outcome values and Decision outcome descriptions, users would view the following details in the Tree Configuration logs:



1. Value: 'Decision Outcome'

2. Attribute Type: 'Decision Values'

3. Config Field Type:

'Label': If decision value is updated.
 'Description': If Decision text is updated.

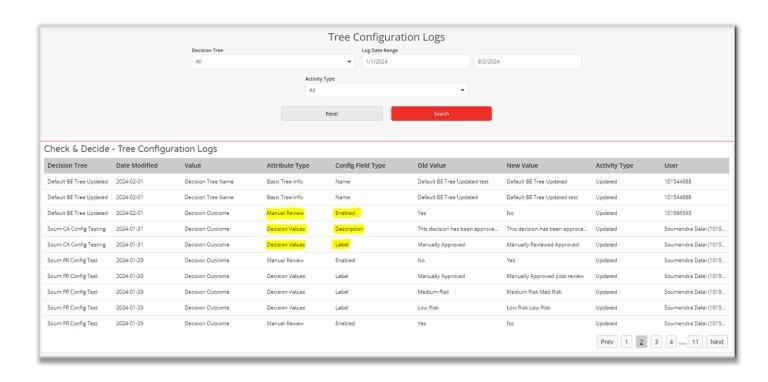
4. Activity Type: 'Updated'

For any update made to the checkbox to either restrict the manual review process or include manual review process for any referred decisions, users would view the following details in the Tree Configuration logs:

Value: 'Decision Outcome'
 Attribute Type: 'Manual Review'
 Config Field Type: 'Enabled'

 Old Value: 'Yes'/'No'
 New Value: 'No'/'Yes'

 Activity Type: 'Updated'



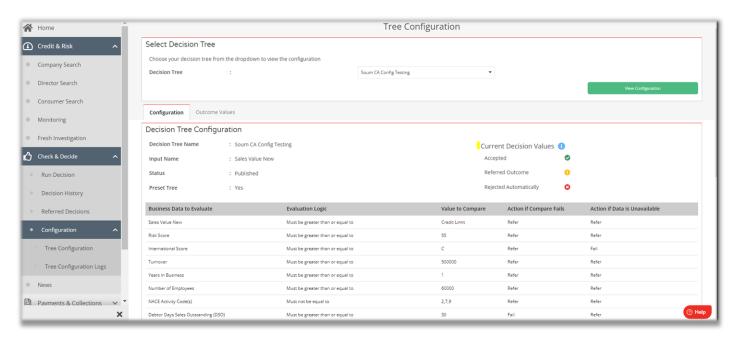
Display 'Current Decision Values' in the Decision Tree Configuration page

We have added a new section labelled as 'Current Decision Values' on the 'Decision Tree Configuration' section under 'Configuration' tab. The tooltip on the information icon is to guide user to the 'Outcome Values' tab if they wish to manage their decision outcome values and descriptions.

The users would be able to view the latest automated decision outcome values configured for the selected decision tree.

Note: The outcome values for Manual reviews will not be displayed in the 'Current Decision Values' section.





Current Decision Values section

User Permissions

Access to Check & Decide Decision Trees is managed by "Roles". Roles are used to define the level of access that a user has. In this section, we will explain the different roles available, and the access levels associated with each role.

Roles:

There are two roles available, each with its own set of permissions. The following is a list of the available roles:

- Basic Access: This role is designed for users who require basic access to Check & Decide. Users with this role can run decisions and view their own decision history.
- Senior Access: This role is designed for users who require more advanced access to Check & Decide. Users with this role can run decisions, view the entire decision tree history irrespective of which user ran the decision. They can also change the outcome of a decision using the manually approve or reject.

Managing Roles:

If you want to change the user(s) role, you will need to contact your local Creditsafe Account Manager.

Important Note:

It is important to ensure that users are assigned the appropriate role based on their level of access requirements. Assigning the wrong role can result in unauthorized access to sensitive information or the inability to perform necessary tasks.