

Oracle
**Construction Intelligence Cloud Advisor
Risk Insights Reference Guide**

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Oracle Construction Intelligence Cloud Advisor Risk Insights Reference Guide

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Contents

Getting Started	5
About Your Login Credentials	5
Accessing CIC Advisor	6
Reset Your Password	6
About Consent Notices	9
About Personal Information	9
Cookies Usage in Construction Intelligence Cloud Advisor.....	9
CIC Advisor Risk Insights	11
Project Listings Page	11
Project Risk Module	12
Risk Overview Page	12
Review Delay Risk	14
RFI Predicted Delay Risk	14
Litigation Risk	15
Health and Safety Risk.....	17
Information Risk	18
Change Risk.....	19
Review Delay Risk Page.....	20
Workflows Predicted to Delay Section	22
Workflow Step Details	23
Document Details.....	24
Filters Pane of Review Delay Risk Page	25
RFI Risks Page.....	26
RFIs On Your Project.....	28
Filters Pane of RFIs Page	29
Litigation Risk Page.....	31
Litigious Risks by Count and Severity Section	32
Litigious Risks in the last Six Months Section	33
Litigious Risk Hotspots.....	33
Litigious Risk Details.....	34
Litigious Mail Records Table.....	36
Filters Pane	37
Health and Safety Risk Page	38
Health and Safety Risks Identified in Mails	40
Health and Safety Risks Identified in the Field.....	48
Information Risk Page.....	55
Documents on your Project Section	57
Outdated Documents Table	58
Filters Pane	59
Change Risk Page	60

Change Risks Identified from Mails	61
Change Risks Identified from Field Issues.....	68
Collaboration Performance Page.....	76
Organizations on your Project Section	78
Mail Collaboration Records Table	79
Review Collaboration Records Table	80
Mail Collaboration Filters.....	80
Review Collaboration Filters	82
Access Other Smart Construction Platform Applications.....	85

Getting Started

Welcome to Construction Intelligence Cloud Advisor!

Construction Intelligence Cloud Advisor (CIC Advisor) is a smart project advisor that helps improve project productivity and risk management by using predictive intelligence and recommendations. CIC Advisor harnesses the power of data science, predictive analytics, and artificial intelligence on project data to improve process visibility, detect anomalies, make recommendations, raise early warnings, and provide actionable insights for your organization.

CIC Advisor can be used by:

- ▶ Senior executives to view what projects are on track or have issues to improve project performance, increase margins, and reduce risk
- ▶ Portfolio and project managers involved in project planning to view activities that have the potential to cause delays, increase cost, or are at risk
- ▶ Process owners interested in improving the project planning process for your organization

Equipped with self-learning capabilities and mechanisms to learn from your feedback, CIC Advisor provides more powerful predictions over time.

This *Reference Guide* provides detailed information on risk insights available in CIC Advisor for correspondence managed and tracked in Oracle Aconex.

In This Section

About Your Login Credentials.....	5
Accessing CIC Advisor.....	6
Reset Your Password.....	6

About Your Login Credentials

New customers receive an initial email from no-reply@oracle.com to activate their Oracle Cloud account. The link has an expiration date mentioned at the bottom of the email. Make sure to activate your account before the link expires.

You will receive a separate welcome email from no-reply@primavera.oraclecloud.com that includes the URL to access CIC Advisor.

All other email communications coming from your CIC Advisor environment will be sent from no-reply@primavera.oraclecloud.com.

Tips

- ▶ If you do not receive either email, check the spam or junk folder in your email account, or reach out to your customer success manager or CIC administrator.

- ▶ In case you miss the activation window to activate your CIC Advisor account, reach out to your customer success manager or CIC administrator.
- ▶ Add no-reply@oracle.com and no-reply@primavera.oraclecloud.com to your address book or list of approved contacts.

Accessing CIC Advisor

To sign in to CIC Advisor:

- 1) In a browser, enter:
https://host/<tenantid>/analytics
where,
<tenantid>: Your cloud account set up for CIC Advisor

Notes:

- Ensure you have been granted appropriate access by the administrator.
 - For a list of supported browsers, see the *Client System Requirements* document.
-

- 2) In the **User Name** field, enter your user name.
- 3) In the **Password** field, enter your case-sensitive password.
- 4) Select **Sign In**.

Reset Your Password

You can reset your password for CIC Advisor at any time.

To reset your password:

- 1) Navigate to the **Oracle Cloud Account Sign In** page.
- 2) Select the **Need help Signing in? Click here** link.
- 3) On the **Forgot your password** page, enter your username, and then select **Next**.
- 4) Review the on-screen message, and select **Submit**.
- 5) Select the **Password Reset** button in the email you receive.
- 6) On the **Reset Your Password** page, complete the **New Password** and **Confirm New Password** fields.

Note: The **Confirm New Password** field will not be active until your new password meets the specified criteria.

- 7) Select **Submit**.

- 8) Select **Click here** to continue to navigate back to the **Oracle Cloud Account Sign In** page, and log in with your new password.

Note: To allow time for system processing, it is recommended that you wait a few minutes before logging in with your new password.

About Consent Notices

Consent notices alert you to the need to protect personal information (PI). You and your organization might be collecting, processing, storing, and transmitting PI while using Construction Intelligence Cloud Advisor. When you accept a consent notice in a source application such as P6 EPPM, your consent covers the collection, processing, storing, and transmission of PI data, and means of retrieving data including but not limited to project export, downloaded tables, reports, documents, web services, and API. If you refuse consent in the source application you might not be able to access some areas of Analytics.

You may be asked to provide consent to show that you understand the need to treat PI as secure data. You may also be asked to provide consent for your organization to collect, process, store and transmit your PI. If you refuse consent you will be denied access to the source application and Analytics.

You can withdraw your consent at any time within a source application.

In This Section

About Personal Information	9
Cookies Usage in Construction Intelligence Cloud Advisor	9

About Personal Information

Personal information (PI) is any piece of data which can be used on its own or with other information to identify, contact, or locate an individual in context. The information is not limited to a person's name, address and contact details. For example, a person's IP address, phone IMEI number, gender, and location at a particular time could all be personal information. Depending on local data protection laws, organizations may be responsible for ensuring the privacy of PI wherever it is stored, including in back-ups, locally stored downloads, and data stored in development environments.

Caution: Personal information (PI) may be at risk of exposure. Depending on local data protection laws organizations may be responsible for mitigating any risk of exposure.

Cookies Usage in Construction Intelligence Cloud Advisor

When using CIC Advisor, the server may generate cookies and send them to the user's browser. The user's machine stores the cookies, either temporarily by the browser, or permanently until they expire or are removed manually.

Oracle might use cookies for authentication, session management, remembering application behavior preferences and performance characteristics, and to provide documentation support.

Also, Oracle might use cookies to remember your login details, collect statistics to optimize site functionality, and deliver marketing based on your interests.

CIC Advisor Risk Insights

This chapter describes potential risks discovered and predicted by CIC Advisor when your organization uses Oracle Aconex to track and manage correspondences and collaborate on design and construction projects.

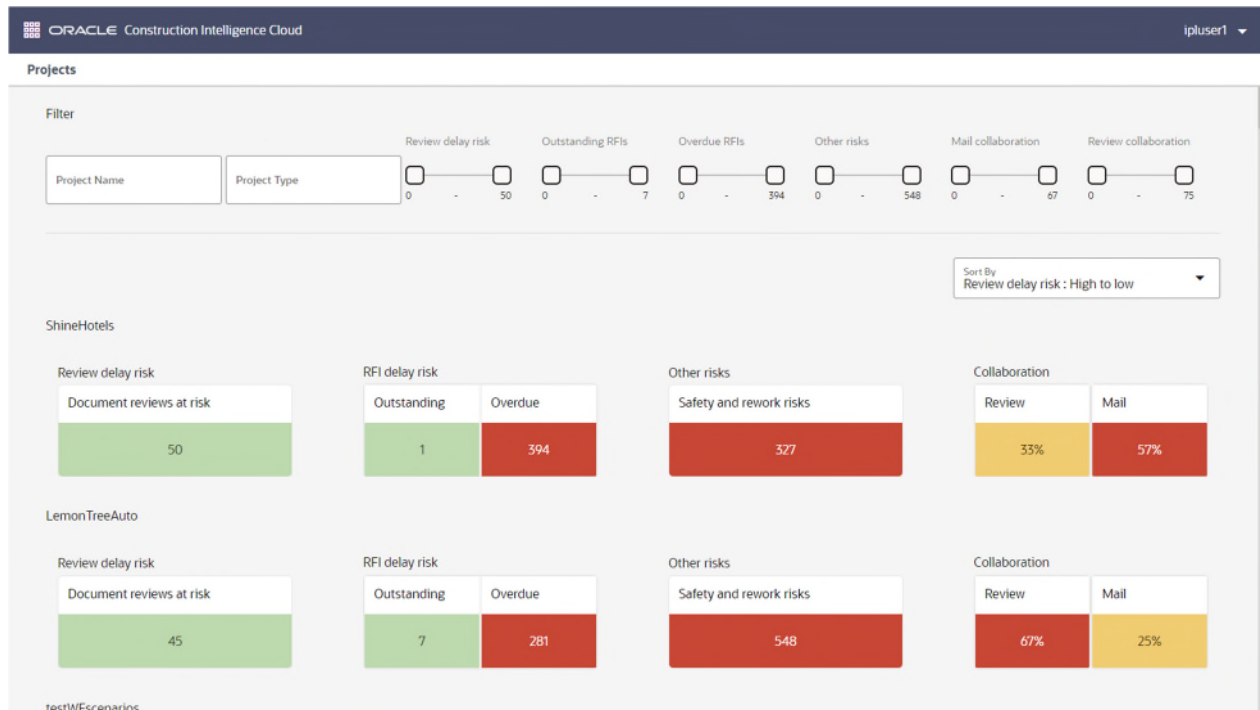
In This Section

Project Listings Page.....	11
Project Risk Module	12
Collaboration Performance Page.....	76

Project Listings Page

How to Get Here

Sign in to CIC Advisor.



Purpose

Construction projects need to comply with several industry-wide standards and practices such as local building codes, modeling and design documents etc. which require a extensive amount of collaboration and documentation among personnel such as general contractors, sub-contractors, architects, etc. When collaborating with various groups risks and legal issues of construction projects may be discussed. Use CIC Advisor to uncover hidden risks and collaboration in your projects with data from Aconex.

KPIs provide a snapshot of how well risks and resources are being managed inn your project and how well do your stakeholders collaborate to share information relevant to your project. The **Project Listings** page displays counts for the KPI metrics which measure the health of your construction projects in the following areas:

- ▶ **Review Delay Risk**

Select this KPI tile to focus on workflows with delays in document reviews on the **Risk Overview Page** (on page 12).

- ▶ **RFI Delay Risk**

Select this KPI tile to focus on identified outstanding and overdue RFI risks on the **Risk Overview Page** (on page 12).

- ▶ **Other Risks**

Select this KPI tile to focus on all other risk categories on the **Risk Overview Page** (on page 12).

- ▶ **Collaboration**

Collaboration is key for any successful project. Team performance and collaboration is a significant measure and indicator of project success. Communication is a key cornerstone for delivering successful project initiatives consistently.

Select this KPI tile to discover the extent of collaboration and communication practiced between resources, contractors, etc. using mail counts in the **Collaboration Performance Page** (on page 76). Use this information to discover good collaborators and poor collaborators to improve communication and response times in your organization.

Project Risk Module

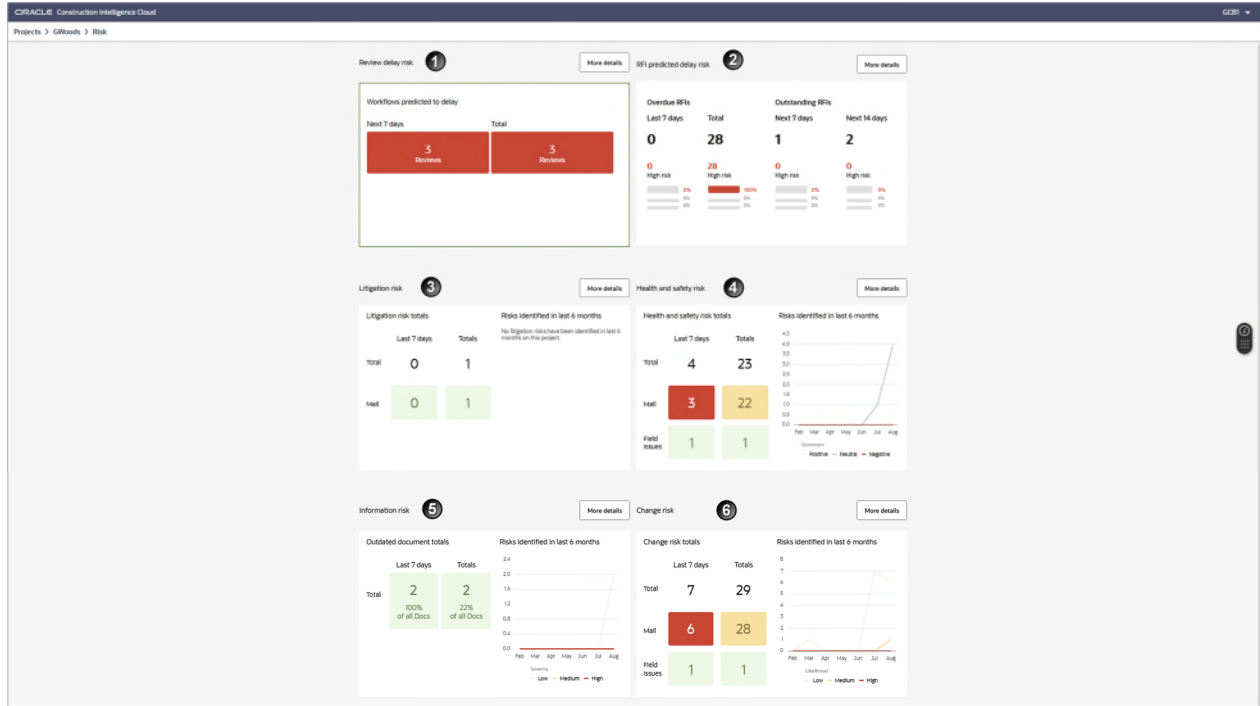
Risk management and planning is an inherent component of any project plan. CIC Advisor goes a step further to assess how efficiently risk is being managed in your construction project and predicts an overall score based on your current project schedule. By using the predicted risk score from CIC Advisor you can now address the hidden risks that have been identified using data from Aconex.

Risk Overview Page

How to Get Here

- 1) Sign in to CIC Advisor.

2) On the **Project Listings** page, select any KPI tile of a project.



Purpose

Anticipating and identifying risks beforehand can only ensure a higher success rate for your projects. Use this page to identify unanticipated health and safety, litigation, information, and change risks. CIC Advisor currently uses data from Aconex to collate, analyze, and identify hidden risks.

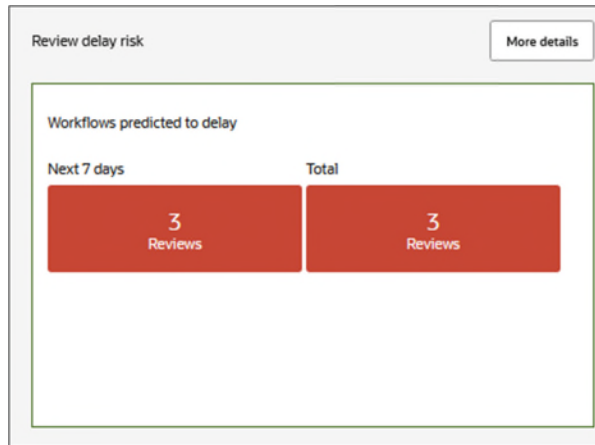
Use this page to evaluate the types of risk are you likely to encounter in its current state.

The **Risk Overview** page provides a snapshot of the following types of risks predicted for your project.

It includes the following sections:

Section Number	Section Title
1	Review Delay Risk (see " Review Delay Risk Page " on page 20)
2	RFI Predicted Delay Risk (on page 14)
3	Litigation Risk (on page 15)
4	Health and Safety Risk (on page 17)
5	Information Risk (on page 18)
6	Change Risk (on page 19)

Review Delay Risk



Purpose

The **Review delay risk** section displays a summary of the number of workflows with a predicted risk of delay in your project. It displays:

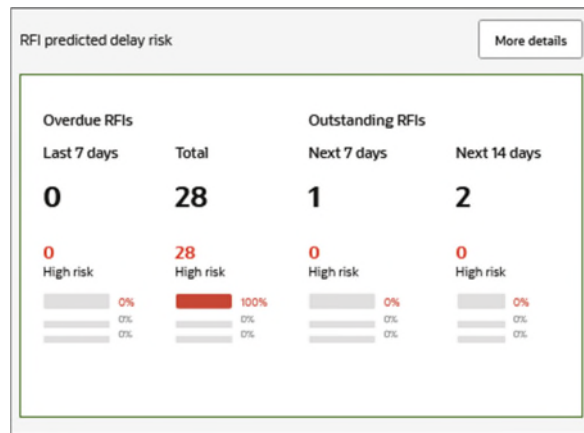
- ▶ the total number of workflows in your project with a predicted risk of delay
- ▶ the number of workflows with a predicted risk of delay in the next 7 days
- ▶ the number of workflows with actual delays in your project.

The severity of risk for each of the above counts are classified as:

- ▶ Green: Indicates 0 - 1 workflows with predicted risk of delay (*Low*)
- ▶ Amber: Indicates 1 - 3 workflows with predicted risk of delay (*Medium*)
- ▶ Red: Indicates greater than 3 workflows with predicted risk of delay

Click **More details** to review the workflows at risk of being delayed on the **Review Delay Risk Page** (on page 20).

RFI Predicted Delay Risk



Purpose

CIC Advisor calculates the predicted risk of delay for *overdue and outstanding* Requests for Information (RFIs) associated with your project that have a respond by date. For *responded* RFIs, it calculates the risk of actual delay.

The **RFI Delay Risk** section displays totals for the following RFI types:

- ▶ **Overdue RFIs**
It displays the number of overdue RFIs for the past 7 days and a total count of all overdue RFIs.
- ▶ **Outstanding RFIs**
It displays the number of outstanding RFIs predicted to be delayed next 7 days and 14 days.

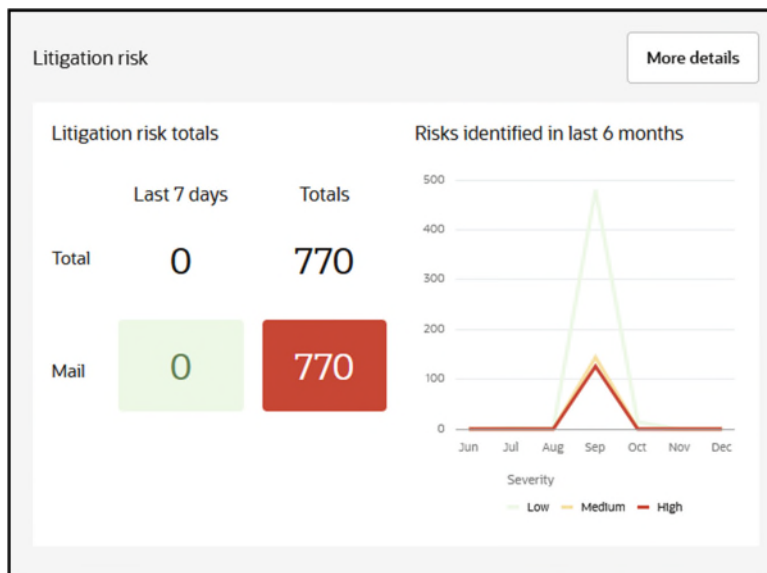
For each category listed above, the severity of predicted risk of delay is further classified as:

- ▶ **Low:** Displays number of RFIs with a low predicted risk of delay.
- ▶ **Medium:** Displays number of RFIs with a medium predicted risk of delay.
- ▶ **High:** Displays number of RFIs with a high predicted risk of delay.

Click **More details** to review RFIs at risk of being delayed on the **RFIs page** (see "**RFI Risks Page**" on page 26).

Click on a risk category count to view more details about the **RFIs On Your Project** (on page 28). For example, click on the **High Risk Total** column count to view more details.

Litigation Risk



Purpose

Litigation risks are risks that have been identified in a construction project with the potential for developing into litigation issues. CIC Advisor applies machine learning techniques like natural language processing to predict the occurrence of such risks in your project. It also incorporates reinforcement learning by allowing for user feedback within the application.

The **Litigation Risks** section displays the following information:

- ▶ **Last 7 Days:** Displays the number of litigation risks identified in the past 7 days.

The colors of the threshold settings represent the following:

- ▶ Green: Indicates 0 - 1 risks (Low)
- ▶ Amber: Indicates 1 - 3 risks (Medium)
- ▶ Red: Indicates greater than 3 risks (High)

Note: The threshold settings for this field can be changed by modifying the **Litigation Risks in Last 7 days** settings in the CIC Advisor Administration application. Contact your CIC Advisor administrator to modify the risk thresholds to suit your organization standards.

Totals: Displays the total number of risks identified for your project.

The colors of the threshold settings represent the following:

- ▶ Green: Indicates 0 - 10 risks (Low)
- ▶ Amber: Indicates 1 - 30 risks (Medium)
- ▶ Red: Indicates greater than 30 risks (High)

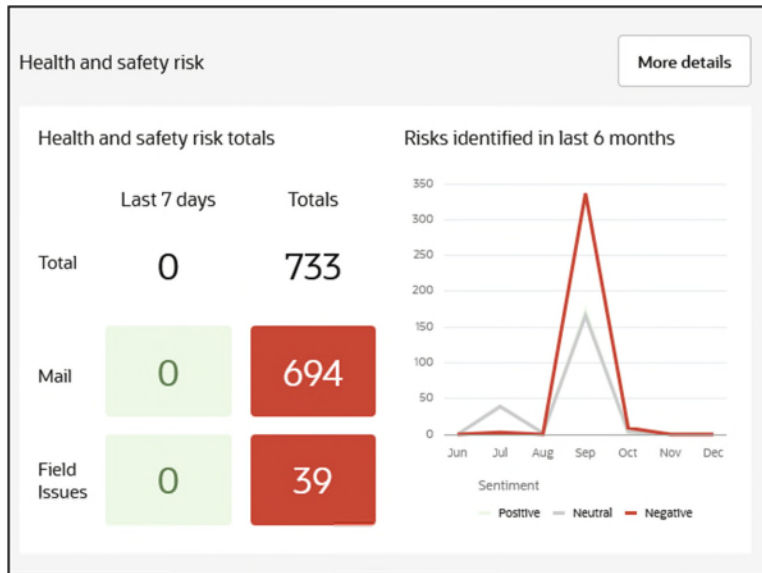
Note: The threshold settings for this field can be changed by modifying the **Litigation Risks in Total** settings in the CIC Advisor Administration application. Contact your CIC Advisor administrator to modify the risk thresholds to suit your organization standards.

- ▶ **Risks Identified in the last 6 months Graph**

The line graph displays any trends in litigation risks in your construction project. The litigation risks identified across your projects over the past six months are categorized by severity. The X-axis displays the months during which the litigation risks occurred. The Y-axis displays the number of risks identified.

Click **More details** to view a list of health and safety incidents identified with a predicted risk of delay on the **Litigation Risk Page** (on page 31).

Health and Safety Risk



Purpose

Construction companies are required to provide a safe environment for their personnel. Using Aconex correspondence data, CIC Advisor uncovers early warning signs of health and safety incidents occurring on-site, thereby allowing you to take preemptive actions.

The **Health and Safety Risks** section displays the following information:

- ▶ **Last 7 Days:** Displays the number of litigation risks identified in mails and on the field during the past week.

The colors of the threshold settings represent the following:

- ▶ Green: Indicates 0 - 1 risks (Low)
- ▶ Amber: Indicates 1 - 3 risks (Medium)
- ▶ Red: Indicates greater than 3 risks (High)

Note: The threshold settings for this field can be changed by modifying the **Health and Safety Risks in Last 7 days** settings in the CIC Advisor Administration application. Contact your CIC Advisor administrator to modify the risk thresholds to suit your organization standards.

- ▶ **Totals:** Displays the total number of health and safety risks identified for your project.

The colors of the threshold settings represent the following:

- ▶ Green: Indicates 0 - 10 risks (Low)
- ▶ Amber: Indicates 1 - 30 risks (Medium)
- ▶ Red: Indicates greater than 30 risks (High)

For example, 0 (zero) health and safety risks identified in the past 7 days, but a total of 48 health and safety risks have been identified in the project to date.

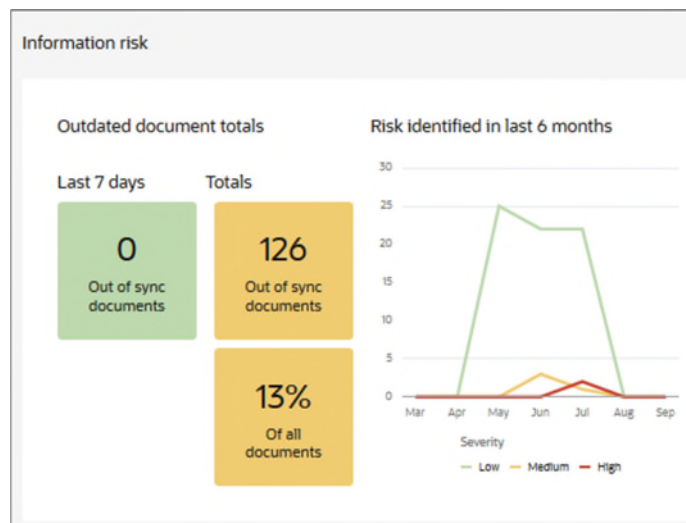
Note: The threshold settings for this field can be changed by modifying the **Health and Safety Risks in Total** settings in the CIC Advisor Administration application. Contact your CIC Advisor administrator to modify the risk thresholds to suit your organization standards.

► **Risks Identified in the last 6 months Graph**

The line graph displays any trends in health and safety risks in your construction project. The health and safety risks identified across your projects over the past six months are categorized by the sentiment expressed in the correspondence. The X-axis displays the months during which the risks occurred. The Y-axis displays the number of risks identified.

Click **More details** to view a list of health and safety incidents identified with a predicted risk of delay on the **Health and Safety Risk Page** (on page 38).

Information Risk



Purpose

Information risk identifies the risk of rework on your project by identifying the number of out-of-sync or outdated documents on the project.

The **Outdated Document Risk** section displays the following information:

- **Last 7 days:** Displays the number of outdated documents identified in the past 7 days. The severity of information risk is indicated as follows:
 - Green: Indicates 0 - 15 outdated documents or 0 - 5% outdated documents (*Low*)
 - Amber: Indicates 15 - 30 outdated documents or 6 - 15% outdated documents (*Medium*)
 - Red: Indicates greater than 30 outdated documents or greater than 15% outdated documents (*High*)

Note: The threshold settings for this field can be changed by modifying the **Out of Sync Docs in Last 7 days** settings in the CIC Advisor Administration application. Contact your CIC Advisor administrator to modify the risk thresholds to suit your organization standards.

- ▶ **Totals:** Displays the total number of outdated documents identified for your project to date. The severity of information risk is indicated as follows:
 - ▶ Green: Indicates 0 - 75 outdated documents or 0 - 5% outdated documents (*Low*)
 - ▶ Amber: Indicates 75 - 150 outdated documents or 6 - 15% outdated documents (*Medium*)
 - ▶ Red: Indicates greater than 150 outdated documents or greater than 15% outdated documents (*High*)

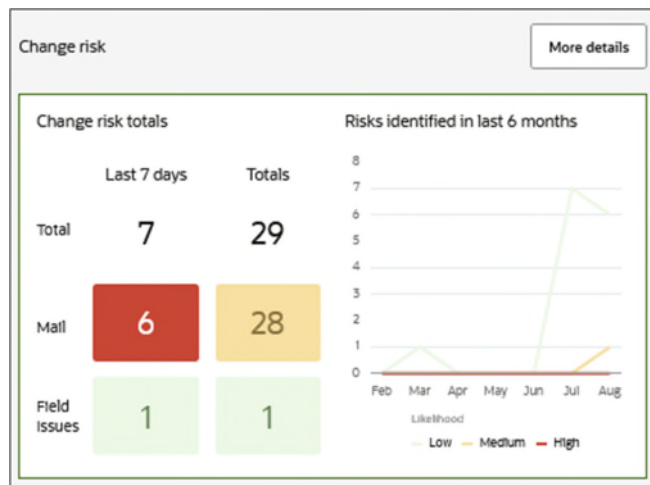
Note: The threshold settings for this field can be changed by modifying the **Out of Sync Documents** settings in the CIC Advisor Administration application. Contact your CIC Advisor administrator to modify the risk thresholds to suit your organization standards.

▶ **Risks Identified in the last 6 months Graph**

The line graph displays trends in information risks from the usage of outdated documents in your construction project. The risk is categorized by severity (*High, Medium, or Low*) with a distinct trend line and color displayed for each category. The X-axis displays the months during which information risk occurred. The Y-axis displays the number of outdated documents identified each month.

Click **More details** to view a list of outdated documents identified with a predicted risk of delay on the **Information Risk Page** (on page 55).

Change Risk



Purpose

Change risk identifies the risk of project rework arising from change requests identified in your project.

The **Change Risk Totals** section displays the following information:

- ▶ **Last 7 days:** Displays the number of change risks identified in mails and on the field in the past 7 days.

The severity of information risk is indicated as follows:

- ▶ Green: Indicates 0 - 1 change risks (*Low*)
- ▶ Amber: Indicates 1 - 3 change risks (*Medium*)
- ▶ Red: Indicates greater than 3 change risks (*High*)

Note: The threshold settings for this field can be changed by modifying the **Change Risks in Last 7 days** settings in the CIC Advisor Administration application. Contact your CIC Advisor administrator to modify these risk thresholds to suit your organization standards.

- ▶ **Totals**

This area displays the total number of change risks identified for your project to date, and the number of change risks identified in the past 7 days. The severity of information risk is indicated as follows:

- ▶ Green: Indicates 0 - 10 change risks risks (*Low*)
- ▶ Amber: Indicates 10 - 30 change risks (*Medium*)
- ▶ Red: Indicates greater than 30 change risks (*High*)

Note: The threshold settings for this field can be changed by modifying the **Change Risks in Total** settings in the CIC Advisor Administration application. Contact your CIC Advisor administrator to modify these risk thresholds to suit your organization standards.

- ▶ **Risks identified in the last 6 months Graph**

The line graph displays trends in change risks arising from change requests in your project categorized by severity. The X-axis displays the months during which information risk occurred. The Y-axis displays the number of change risks identified each month.

Click **More details** to view a list of change requests identified with a predicted risk of delay on the **Change Risk Page** (on page 60).

Review Delay Risk Page

How to Get Here

- 1) Sign in to CIC Advisor.

- 2) On the **Project listings** page, select the **Review delay risk** KPI of a project.
- 3) On the **Risk Overview** page, select the **More Details** button in the **Review delay risks** section.

Workflow No.	Workflow title	Days	Predicted to delay days	Planned finish date	Estimated finish date	Predicted finish date	Predicted delay	Actions
WF-000002	Aconex	1	1	21-Mar-2025	09-Aug-2025	28-Mar-2025	8 days	⚙️ ...
WF-000003	R21	2	2	28-Mar-2025	10-Aug-2025	15-Apr-2025	10 days	⚙️ ...

The **Review delay risk** page displays a list of workflows with a predicted risk of delay in your project. Use the search bar to locate workflows of your interest using either the **Workflow title** or **Workflow No.**

This page includes the following sections:

Section Number	Section Title
1	<i>Workflows Predicted to Delay Section</i> (on page 22)
2	<i>Filters Pane of Review Delay Risk Page</i> (on page 25)



Workflows Predicted to Delay Section

Workflow No.	Workflow title	Docs	Predicted to delay docs	Planned finish date	Estimated finish date	Predicted finish date	Predicted delay	Actions
WF-000002	K21	2	2	28-Feb-2023	01-Aug-2023	01-Apr-2023	6 days	Workflow Step Details Action

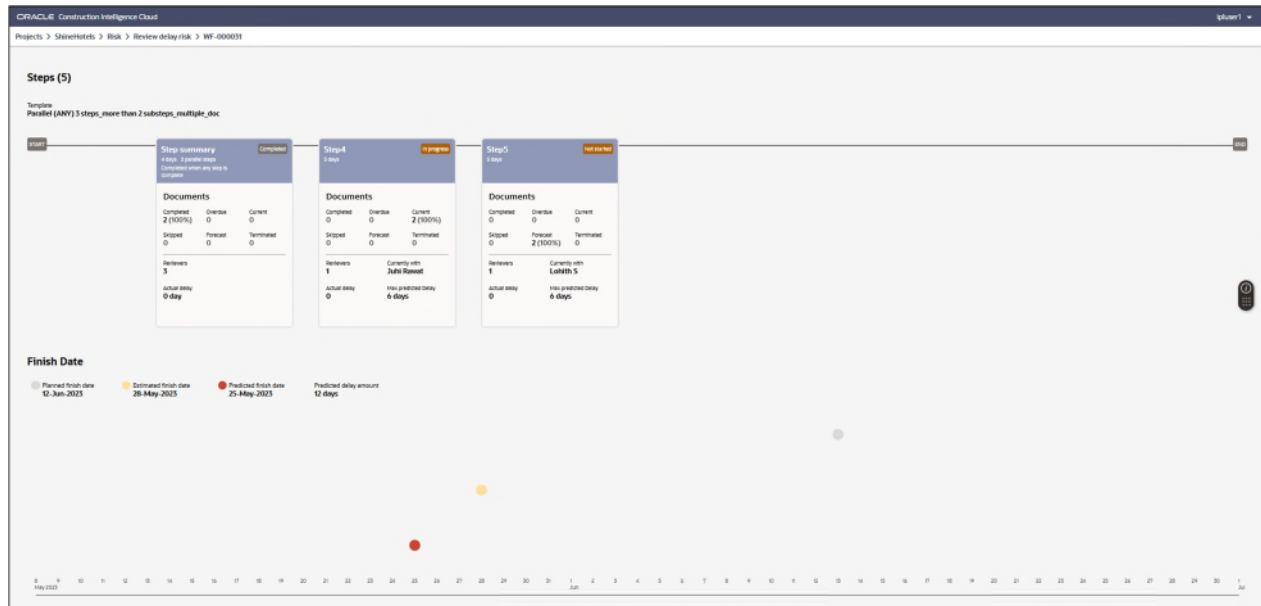
The following information is displayed for each workflow:

- ▶ **Workflow No.:** The unique identification number for each workflow in the source application.
- ▶ **Workflow title:** The name of the workflow in the source application.
- ▶ **Docs:** The total number of documents in the workflow. For example, a total of 5 documents are included in the workflow.
- ▶ **Predicted to delay docs:** The number of documents predicted to be delayed in the workflow. For example, 2 documents are predicted of be delayed out of a total of 5.
- ▶ **Planned finish date:** The workflow completion date when it was initiated, based on the days assigned to each step and the working week set for the project.
- ▶ **Estimated finish date:** The expected workflow completion date on that day. It accounts for step progress and considers overdue or early completion to recalculate the final workflow completion.
- ▶ **Predicted finish date:** The date on which the workflow is predicted to complete, using the number of days calculated for **Predicted delay**.
- ▶ **Predicted delay:** The number of days that the workflow is predicted to be delayed from the planned finish date by CIC Advisor.

For example, if the planned finish date for a document is 01-Feb, 2023, and the predicted delay is 6 days, then the workflow will be completed on 07-Feb-2023.

- ▶ **Actions:** Select any of the following options:
 - ▶ Click **Workflow**  to view the predicted risk of delay for each **workflow step** (see "**Workflow Step Details**" on page 23).
 - ▶ Click **Action**  to view the selected workflow in Aconex.

Workflow Step Details



The **Workflow Step Details** page displays current and predicted information for each step within a workflow.

Header information includes the following:

- ▶ **<Step Name> and <Duration>**: Displays the name of the step and the duration for completing the step in the workflow.
- ▶ **<Step Status>**: The current status of the step. These include:
 - ▶ *In progress*: At least one of the documents are being reviewed.
 - ▶ *Completed*: All documents are either been reviewed or skipped to move to the next step.
 - ▶ *Not started*: None of the documents have been reviewed, or workflow has not reached the specific step.

Document details includes the following:

- ▶ **Completed**: The number of documents which have been reviewed.
- ▶ **Overdue**: The number of documents whose reviews are extending beyond their provided timelines in the step.
- ▶ **Current**: The number of documents that are being reviewed and are within their expected timelines.
- ▶ **Skipped**: The number of documents skipped to advance to the next step in the workflow.
- ▶ **Forecast**: The number of documents being reviewed and forecasted to be available for the next step in a workflow.
- ▶ **Terminated**: The number of documents terminated in this step.
- ▶ **Reviewers**: The number of reviewers assigned to complete the step.
- ▶ **Actual Delay**: The number of days that the step was delayed when all document reviews were completed.

Click on a step to view **document details** (on page 24).

The **Finish Date** section displays a bubble chart providing a timeline of the following finish dates:

- ▶ Planned finish date
- ▶ Estimated finish date
- ▶ Predicted finish date
- ▶ Predicted delay date

Document Details

When you select any workflow step, document details associated with that step display in the following tabs:

- ▶ **Docs predicted to delay**
- ▶ **Current docs**
- ▶ **Overdue docs**
- ▶ **Completed docs**


Depending on the document's status and the tab you select, the following fields can display:

- ▶ **Document number:** The unique identification number for the document from the source application.
- ▶ **Document title:** The name of the document from the source application.
- ▶ **Planned finish date:** The date on which the document review is expected to be completed based on the date the workflow was initiated.
- ▶ **Predicted delay amount:** The number of days that the document review is predicted to be delayed by CIC Advisor.
- ▶ **Currently with:** The name of the user currently reviewing the document in the workflow.

- ▶ **Currently with/reviewed by:** The users responsible for reviewing the documents in the workflow.
- ▶ **Actual finish date:** The date when the document was reviewed.
- ▶ **Reviewed by:** The user who completed the document review.

Filters Pane of Review Delay Risk Page

Use the **Filters** pane of the **Review Delay Risk** page to focus on a subset of workflows in your current view of CIC Advisor.

Tip: Select **Toggle**  to display or hide the filter pane on the page.



The screenshot shows the 'Filters' pane in the 'Review delay risk' page. The pane is titled 'Filters' and includes a 'Clear all' button. It contains several filter sections, each with a range selector:

- Workflow Number:** A text input field.
- Workflow title:** A text input field.
- Number of docs:** A range selector from 1 to 2.
- Docs predicted to delay:** A range selector from 1 to 2.
- Planned finish date:** A range selector from Tue Mar 21 2023 to Thu Mar 30 2023.
- Estimated finish date:** A range selector from Thu Aug 10 2023 to Thu Aug 17 2023.
- Predicted finish date:** A range selector from Wed Mar 29 2023 to Fri Apr 14 2023.
- Predicted delay:** A range selector from 1 to 10.

An 'Apply' button is located at the bottom of the pane.

Enter values for any of the following filters:

- ▶ **Workflow Number:** The unique identification number for each workflow in the source application.
- ▶ **Workflow Title:** The name of the workflow in the source application.
- ▶ **Number of Docs:** The total number of documents in the workflow.
- ▶ **Docs predicted to delay:** The number of documents predicted to be delayed in the workflow. For example, 2 documents are predicted of be delayed out of a total of 5.
- ▶ **Planned finish date:** The workflow completion date when it was initiated, based on the days assigned to each step and the working week set for the project.
- ▶ **Estimated finish date:** The expected workflow completion date on that day. It accounts for step progress and considers overdue or early completion to recalculate the final workflow completion.
- ▶ **Predicted finish date:** The date on which the workflow is predicted to complete, using the number of days calculated for Predicted delay.
- ▶ **Predicted delay:** The number of days that the workflow is predicted to be delayed from the planned finish date by CIC Advisor.

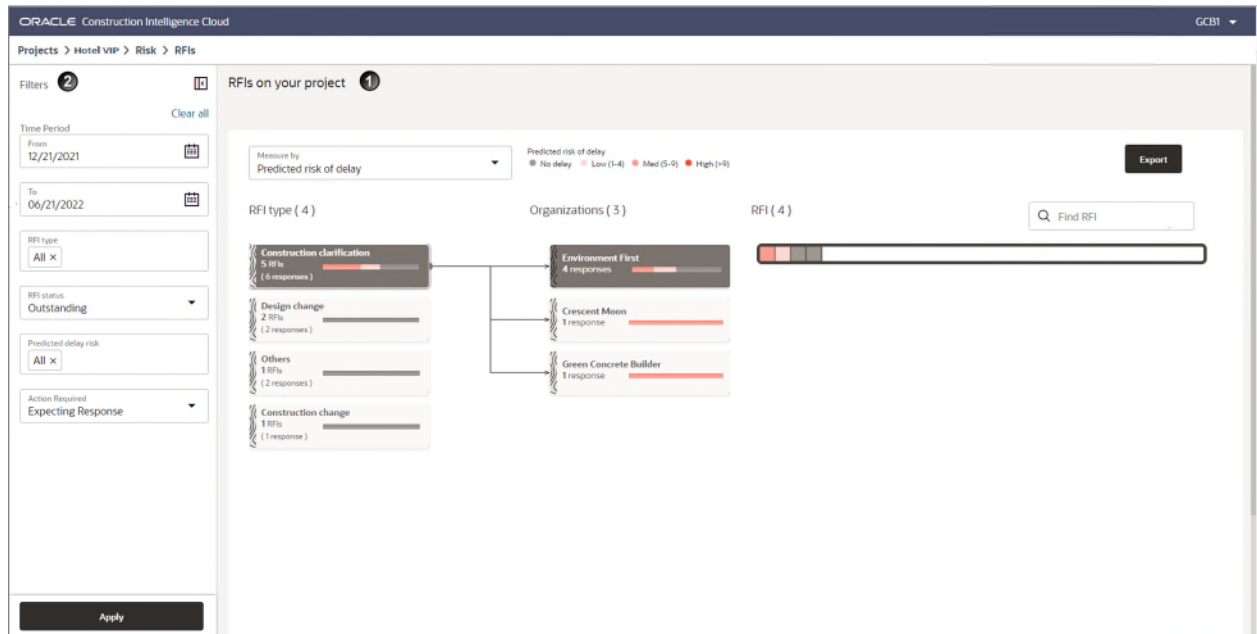
After entering the values, select any of the following actions:

- ▶ Click **Clear All** to reset all the filters to their default values or
- ▶ Click **Apply** to view litigious mails that meet the filter criteria.

RFI Risks Page

How to Get Here

- 1) Sign in to CIC Advisor.
- 2) On the **Project listings** page, select the **RFI delay risk** KPI of a project.
- 3) On the **Risk Overview** page, select the **More Details** button in the **RFI predicted delay risk** section.



Purpose

Use CIC Advisor to discover the risk of delay in responding to RFIs predicted by CIC Advisor.

A predicted risk of delay is evaluated for the following types of RFIs that have a Response Required By date for your project:

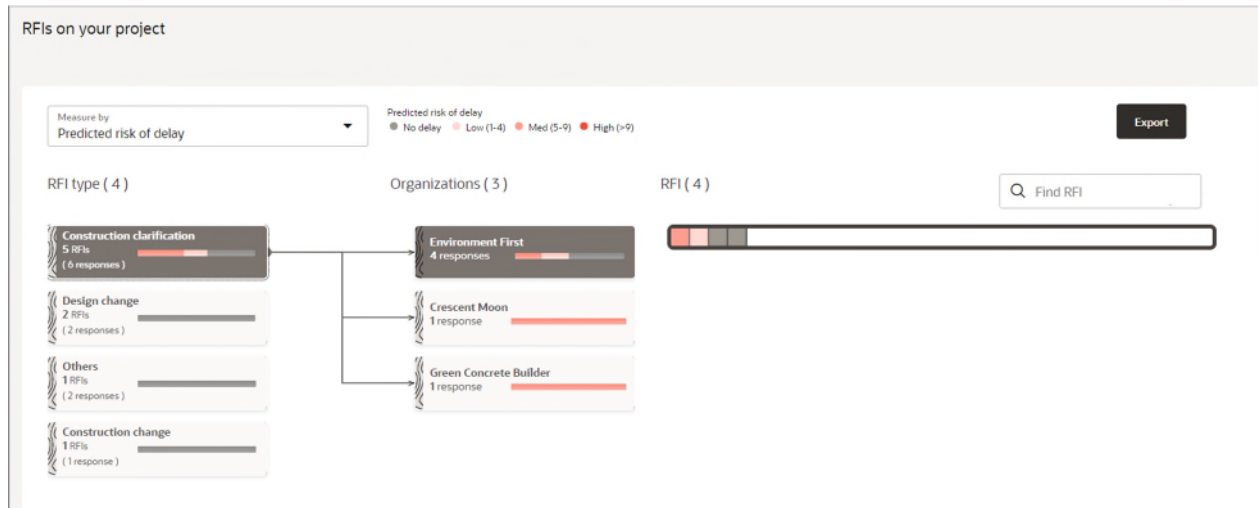
- ▶ Overdue RFIs
- ▶ Outstanding RFIs

For responded RFIs, however, an actual delay in response is calculated.

This page includes the following sections:

Section Number	Section Title
1	<i>RFIs On Your Project</i> (on page 28)
2	<i>Filters Pane of RFIs Page</i> (on page 29)

RFIs On Your Project



The **RFIs on your project** section provides a detailed analysis for overdue, outstanding, and responded RFIs.

Note: An RFI with a *Responded* status implies that responses have been received from *all* the organizations that the RFI has been sent to. In the interim, while a partial response has been received, the RFI status is either *Overdue* or *Outstanding*.

The following information is displayed:

- ▶ **RFI types:** Displays the number of Response Required By RFIs associated with your project.

The RFIs are organized into the following categories:

- ▶ Construction clarification
- ▶ Design review
- ▶ Construction change
- ▶ Design change
- ▶ Construction conflict & RFI
- ▶ Design clarification
- ▶ Others

Select an RFI type to view a detailed breakdown of these RFIs distributed among various organizations. For example, select *Construction Clarification*.

To locate an RFI, select the RFI from the list in the search bar, and then click **Search**.

- ▶ **Number of responses:** An RFI can be sent to multiple organizations. It refers to the number of organizations that each RFI has been sent to. For example, 5 responses indicates that the RFIs have been sent to 5 organizations.

- ▶ **Organizations:** Displays the number of RFIs sent to each organization when you select an **RFI type**. Select an organization to view a heatmap of the RFIs associated with a specific organization.
- ▶ **RFI:** Displays a heatmap for RFIs sent to a specific organization. Each rectangle in the heatmap corresponds to an RFI. The color of each rectangle indicates the predicted risk of delay of an RFI for a non-responded RFI. A grey color indicates that the RFI is partially responded by the selected organization.

Perform any of the following actions:

- ▶ Hover on the heatmap to view the following RFI details:
 - ▶ **RFI Number:** The unique identification number associated with each RFI in your source application.
 - ▶ **From:** The user ID of sender of the RFI.
 - ▶ **To:** The name of the recipient organization.
 - ▶ **Status:** The current status of the RFI.
 - ▶ **Already late by (days):** The number of days that the RFI is delayed beyond the expected finish date.
 - ▶ **Delay risk:** The potential of a delay risk, characterized as *High, Medium, Low, or No delay*.
- ▶ Click **Export** to export all the RFI details to an Excel spreadsheet (.xlsx) file.
- ▶ Click on an area in the heatmap to view RFI details in the **Actions** tab.

Actions Tab

Click on a rectangle in the heatmap to view the following information about an RFI:

- ▶ **From:** Displays the organization sending the RFI
- ▶ **To:** Displays the organization receiving the RFI
- ▶ **Sent:** Displays the sent date of the RFI
- ▶ **Respond By:** Displays the date by which a response is requested for the RFI

Click **View RFI** to sign in to Oracle Aconex and access the information related to the RFI.

Filters Pane of RFIs Page

Use the **Filters** pane on the **RFIs** page to focus on a subset of RFIs associated with your project.

Tip: Select **Toggle** to display or hide the filter pane on the page.

The screenshot displays the Oracle Construction Intelligence Cloud interface for configuring filters on the 'RFI delay risk' page. The breadcrumb trail is 'Projects > Hotel VIP > Risk > RFI delay risk'. The 'Filters' section includes a 'Clear all' link and several filter fields: 'Time Period' with 'From' (02/22/2022) and 'To' (08/22/2022) date pickers; 'RFI type' with an 'All x' selection; 'RFI status' with a dropdown menu set to 'Outstanding'; 'Predicted delay risk' with an 'All x' selection; 'Action Required' with a dropdown menu set to 'Expecting Response'; and 'Associated Organizations' with an 'All x' selection. An 'Apply' button is located at the bottom of the filter section.

To focus on a specific subset of RFIs:

1) Enter values for any of the following filters:

- ▶ **Time Period:** Select RFIs sent or received within a specific date range. Enter dates in the **To** and **From** fields. Click on the **Calendar** icon to select a date or enter a date in MM/DD/YYYY format.
- ▶ **RFI type:** Select an RFI category. Choices include: *All* (default), *Design change*, *Design clarification*, *Construction change*, *Construction clarification*, *Construction conflict*, and *Others*.

- ▶ **RFI status:** Select an RFI status. Choices include: *Overdue*, *Outstanding*, or *Responded*.
- ▶ **Predicted delay risk:** Select the type of delay risk calculated by CIC Advisor. Choices include: *All* (default), *Predicted delay risk*, or *Actual delay risk*.
- ▶ **Action required:** Select the action to be taken on the RFIs. Choices include: *Expecting Response* or *To Respond*.
- ▶ **Associated Organizations:** Select an organization to view its associated RFIs. Choices include: *All* (default), and a list of organizations associated with RFIs in your project.

2) Perform any of the following actions:

- ▶ Click **Apply** to view the risk of delay predicted for RFIs.
- ▶ Click **Clear All** to reset all filters to their default values.

Litigation Risk Page

How to Get Here

- 1) Sign in to CIC Advisor.
- 2) On the **Project listings** page, select the **Other Risks** KPI of a project.
- 3) On the **Risk Overview** page, select the **More Details** button in the **Litigation Risks** section.

The screenshot displays the 'Litigation risk overview' page in Oracle Construction Intelligence Cloud. On the left, there are filter controls for date range, mail type, subject, keyword(s), mail number, severity, and risk identified. The main content area includes:

- 1054 Total mails:** A horizontal bar chart showing the distribution of risk levels (High, Medium, Low, None).
- Risks identified by top 5 mail types:** A horizontal bar chart showing the number of risks associated with different mail types like 'Request for information', 'Design Advice', 'Notice of Meeting', 'Site Instruction', and 'Design Advice'.
- Risks identified in last 6 months:** A triangular area chart showing the trend of risks over time.
- Risk hotspots:** A heatmap visualization showing areas of high risk concentration.
- Table of Risk Items:** A table listing individual risk items with columns for Subject, Mail number, Response, Risk identified, Your feedback, Date, Mail type, Severity, and Predictions status.

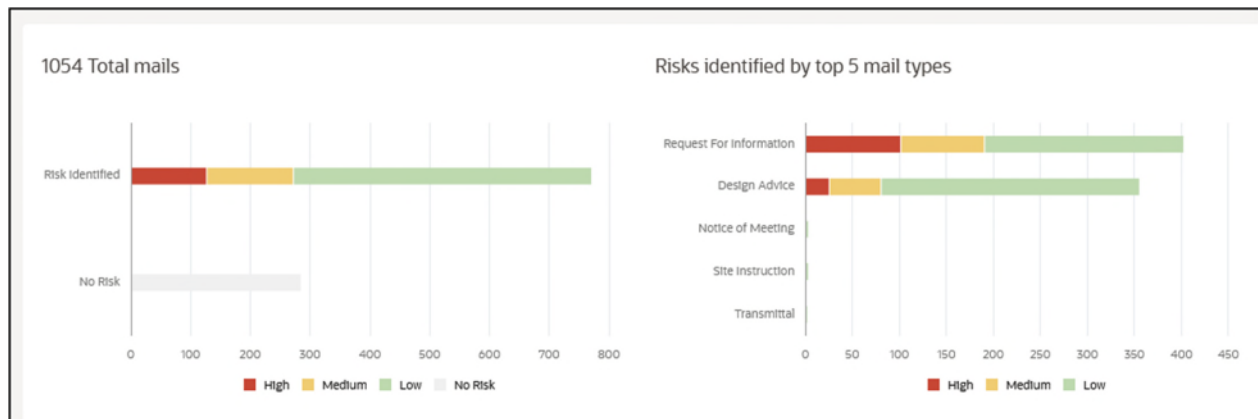
Purpose

The **Litigation Risk** page provides a detailed analysis on potential litigation risks identified for your project. These risks are discovered from mails tracked by the Mail Management module of Oracle Aconex. Use the **Measure By** drop-down list to view risks categorized by *Severity* or *Sentiment*.

This page includes the following sections:

Section Number	Section Title
1	<i>Litigious Risks by Count and Severity Section</i> (on page 32)
2	<i>Litigious Risks in the last Six Months Section</i> (on page 33)
3	<i>Litigious Risk Hotspots</i> (on page 33)
4	<i>Litigious Mail Records Table</i> (on page 36)
5	<i>Filters Pane</i> (on page 37)

Litigious Risks by Count and Severity Section

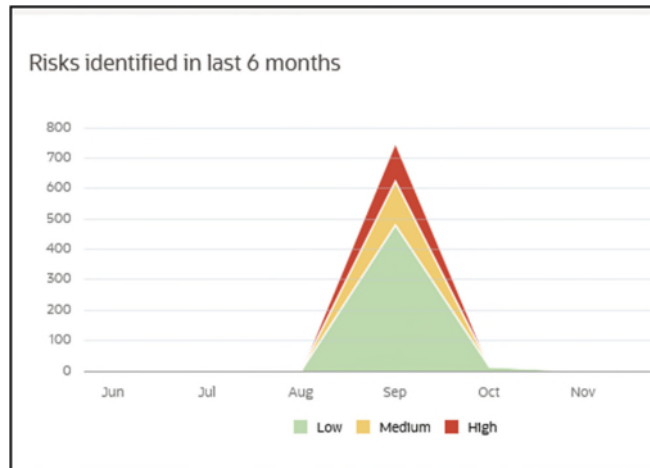


Using the graphs, take a look across your project and identify both litigious mails and non-litigious correspondence categorized by *Severity* (*Low*, *Medium*, and *High*) and *Sentiment* (*Positive*, *Neutral*, and *Negative*).

The following bar graphs to compare litigious and non-litigious mails:

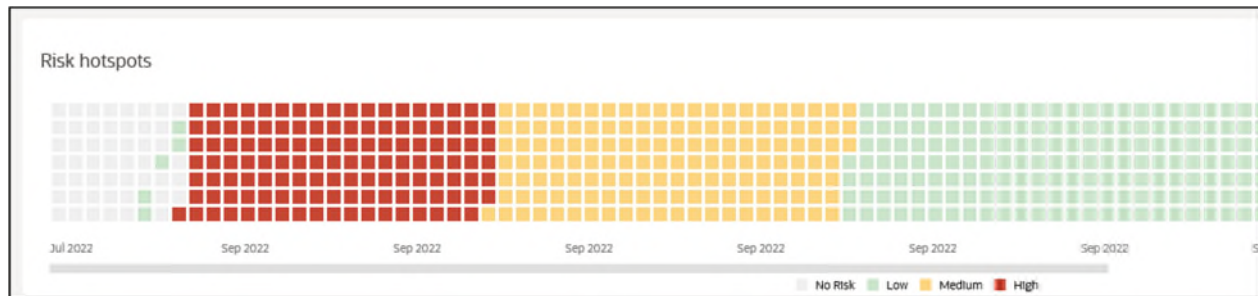
- ▶ The **Total Mails** bar graph displays potentially litigious and non-litigious emails with varying degrees of severity (*Low*, *Medium*, and *High*) and sentiment (*Positive*, *Neutral*, and *Negative*) for your project.
- ▶ The **Risks Identified by Mail Type** bar graph compares the number of risks by severity and sentiment identified across different mail types for your project. The graph is sorted in the descending order displaying the mail type with the largest number of risks on top.

Litigious Risks in the last Six Months Section



Risks Identified in the last Six Months Graph: Use the line graph to understand how the risks are trending for your project in the past six months. Trend lines for risk are displayed for high (red), medium (amber) and low (green) risks. This information is derived from the mails tracked using Oracle Aconex. The X-axis displays the months, and the Y-axis displays the number of risks identified.

Litigious Risk Hotspots



The **Risks Hotspots** section displays a chart with risks identified over the length of the project to date. Use this chart to identify litigious hotspots in your project. This chart can also be customized using the filter criteria in the **Filters Pane** (on page 37).

Hover your cursor over a hotspot to view the following details:

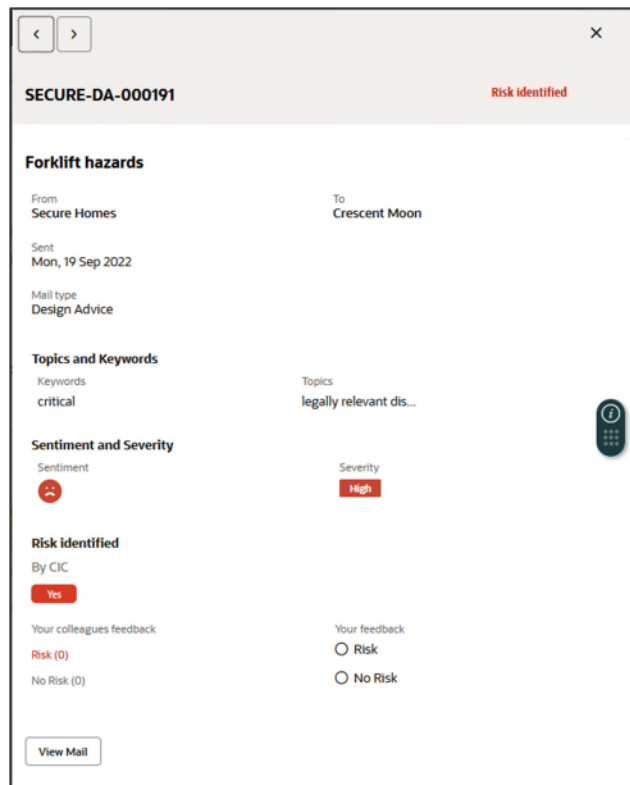
- ▶ **Date:** The date when the mail was sent to your organization.
- ▶ **Subject:** The subject line of the mail tracked in the source application.
- ▶ **Mail Type:** A predefined category that the mail can be associated with. For example, *Request for Information*.
- ▶ **Severity:** The level of risk severity associated with the mail. Choices include: *High, Medium, or Low*.

Each square represents a mail whose severity is characterized by its color as follows:

- ▶ Grey represents non-litigious mails
- ▶ Red represents litigious mails of high severity
- ▶ Amber represents litigious mails of medium severity
- ▶ Green represents litigious mails of low severity

Click on a specific hotspot to review **details of the selected risk** (see "**Litigious Risk Details**" on page 34).

Litigious Risk Details



When you click on a **hotspot** (see "**Litigious Risk Hotspots**" on page 33), the following information is displayed for a potential litigious mail.

Header Section

In the header, the following information displays:

- ▶ **Mail Number:** The unique alphanumeric mail identification code from the source application.
- ▶ **Risk Indicator:** Identifies whether a risk was identified for the selected mail. Choices include: *Risk identified*, and *No risk*.

Body Section

In the body, the following information displays:

- ▶ **Subject:** The title of the litigious risk identified in the mail. For example, *Forklift hazards*.
- ▶ **From:** Sender of the mail.
- ▶ **To:** The mail's recipient.
- ▶ **Sent:** The date and time that the mail was sent.
- ▶ **Mail type:** A predefined category that the mail can be associated with. For example, *Design Advice*.
- ▶ **Keywords:** The keywords included in the content that resulted in the mail being flagged as a litigious risk.
- ▶ **Topics:** The topics included in the content that resulted in the mail being flagged as a litigious risk.
- ▶ **Sentiment:** A color-coded emoji to indicate the overall sentiment expressed in the mail as follows:
 - ▶ Red indicates negative sentiment
 - ▶ Green indicates positive sentiment
 - ▶ Grey indicates neutral sentiment
- ▶ **Severity:** The overall severity of mail as follows:
 - ▶ Red indicates high severity
 - ▶ Amber indicates medium severity
 - ▶ Green indicates low severity
- ▶ **Risk identified:** Indicates whether a risk was identified (*Yes* or *No*), *and how* the risk was identified. For example, *By CIC*.
- ▶ **Your colleagues feedback:** The number of colleagues who did and did not identify the issue as a risk.

You can perform any of the following actions:

- ▶ In the **Your feedback:** field, indicate whether you perceive the issue in the mail as a potential litigation risk. Select any of the following options: **Risk** or **No Risk**. Your feedback will be used to train CIC Advisor to learn and improve the accuracy of its predictions.
- ▶ Click **View Mail** to review the mail in the source application.

Litigious Mail Records Table

Subject	Mail Number	Keywords	Risk Identified	Your Feedback	Date	Mail Type	Sentiment	Severity	Feedback Received
No soil in common area-3	SECURE-RF1-000490	contract, manager	Yes	Risk <input type="checkbox"/> No Risk	13-Oct-2022	Request For Information	😬	Low	-
Faulty extension cords-3	SECURE-NM-000005	risk, power, major	Yes	Risk <input type="checkbox"/> No Risk	13-Oct-2022	Notice of Meeting	😬	Low	-
Improper work-5	SECURE-DA-000479	proceeding, quality, cost, contract	Yes	Risk <input type="checkbox"/> No Risk	13-Oct-2022	Design Advice	😬	Low	-
Fall protection-3	SECURE-SI-000006	damaged, quality, damage, personal	Yes	Risk <input type="checkbox"/> No Risk	13-Oct-2022	Site Instruction	😬	Low	-
No soil in common area -2	SECURE-RF1-000489	contract, manager	Yes	Risk <input type="checkbox"/> No Risk	12-Oct-2022	Request For Information	😬	Low	-
Faulty extension cords-2	SECURE-NM-000004	risk, power, major	Yes	Risk <input type="checkbox"/> No Risk	12-Oct-2022	Notice of Meeting	😬	Low	-
Improper work-2	SECURE-DA-000478	proceeding, quality, cost, contract	Yes	Risk <input type="checkbox"/> No Risk	12-Oct-2022	Design Advice	😬	Low	-
Fall protection-2	SECURE-SI-000005	damaged, quality, damage, personal	Yes	Risk <input type="checkbox"/> No Risk	12-Oct-2022	Site Instruction	😬	Low	-
Faulty extension cords	SECURE-NM-000003	risk, power, major	Yes	Risk <input type="checkbox"/> No Risk	10-Oct-2022	Notice of Meeting	😬	Low	-
Improper work	SECURE-DA-000477	proceeding, quality, cost, contract	Yes	Risk <input type="checkbox"/> No Risk	10-Oct-2022	Design Advice	😬	Low	-

The **Records per Page** table displays all the litigious mails identified for your project to-date. Select the arrow keys of any column to organize the mails in an ascending or descending order.

The following information is displayed for each mail:


- ▶ **Subject:** A short description about the subject of the mail.
- ▶ **Mail Number:** The unique identification number for the mail.
- ▶ **Keywords:** The keywords that contributed to identifying the mail as litigious.
- ▶ **Topics:** The topic being discussed in the mail. Multiple topics are separated by commas.
- ▶ **Risk Identified:** Indicates if a risk has been identified for a mail.
- ▶ **Your Feedback:** Use the scale to provide your feedback to CIC Advisor about mails that were incorrectly identified as risks or as non-litigious. Your feedback will be used to help CIC Advisor learn and improve the accuracy of its predictions.
 - ▶ Slide to the right to indicate **No Risk**
 - ▶ Slide to the left to indicate a **Risk**
 - ▶ No feedback implies it will be considered as a potential risk, and for all model calculation purposes it will be considered as a valid risk.
- ▶ **Date:** The date on which the mail was sent.
- ▶ **Mail Type:** The category type the mail belongs to. For example, *Request for Information*, *Site Instruction* or *Contractor's Advice*.
- ▶ **Sentiment:** A color-coded emoji to indicate the overall sentiment expressed in the mail as follows:
 - ▶ Red indicates negative sentiment
 - ▶ Green indicates positive sentiment
 - ▶ Grey indicates neutral sentiment
- ▶ **Severity:** The overall severity of mail as follows:
 - ▶ Red indicates high severity
 - ▶ Amber indicates medium severity
 - ▶ Green indicates low severity
- ▶ **Feedback Received:** The date on which the feedback was received.

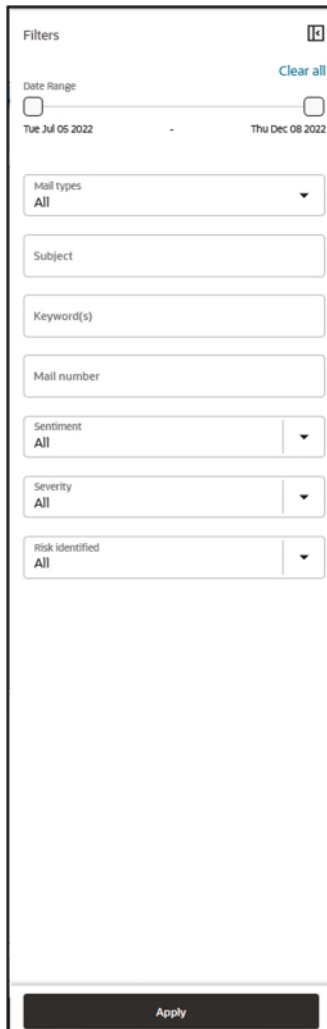
Perform any of the following actions:


- ▶ In the **Search** field, enter a search string and press the Enter key to view a list of mail records that meet your search criteria.
- ▶ Click **Export** to save the records in an Excel file (.xlsx)

Filters Pane

Use the **Filters** pane on the **Litigation Risk** page to focus on a subset of litigious mails in your current view of CIC Advisor.

Tip: Select **Toggle**  to display or hide the filter pane on the page.



Filters 

Clear all

Date Range

Tue Jul 05 2022 - Thu Dec 08 2022

Mail types
All

Subject

Keyword(s)

Mail number

Sentiment
All

Severity
All

Risk identified
All

Apply

Enter values for any of the following filters:

- ▶ **Date range:** Use the slider to view litigation risks identified in a specific date range.
- ▶ **Mail types:** Select a category of mail type. Defaults to *All*.

- ▶ **Subject:** Enter a subject title to locate a specific mail. Defaults to *All*.
- ▶ **Keyword(s):** Enter one or more comma-separated keywords to search for mails that meet the criteria.
- ▶ **Topic(s):** Search for a mail with a specific topic. Enter multiple topics as comma-separated values.
- ▶ **Mail number:** Search for a mail with a specific mail number. For example, if you have previous knowledge of a specific mail, use this filter to locate the mail to change the status such as marking a NL mail as a risk.
- ▶ **Sentiment:** Select mails based on a specific sentiment expressed in the correspondence. Defaults to *All*.
- ▶ **Severity:** Select mails based on a specific predicted risk severity. Defaults to *All*.
- ▶ **Risk identified:** Limit your search to only include litigious mails by selecting *Yes*, or only include non-litigious mails by selecting *No*. Defaults to *All*.

After entering the values, select any of the following actions:

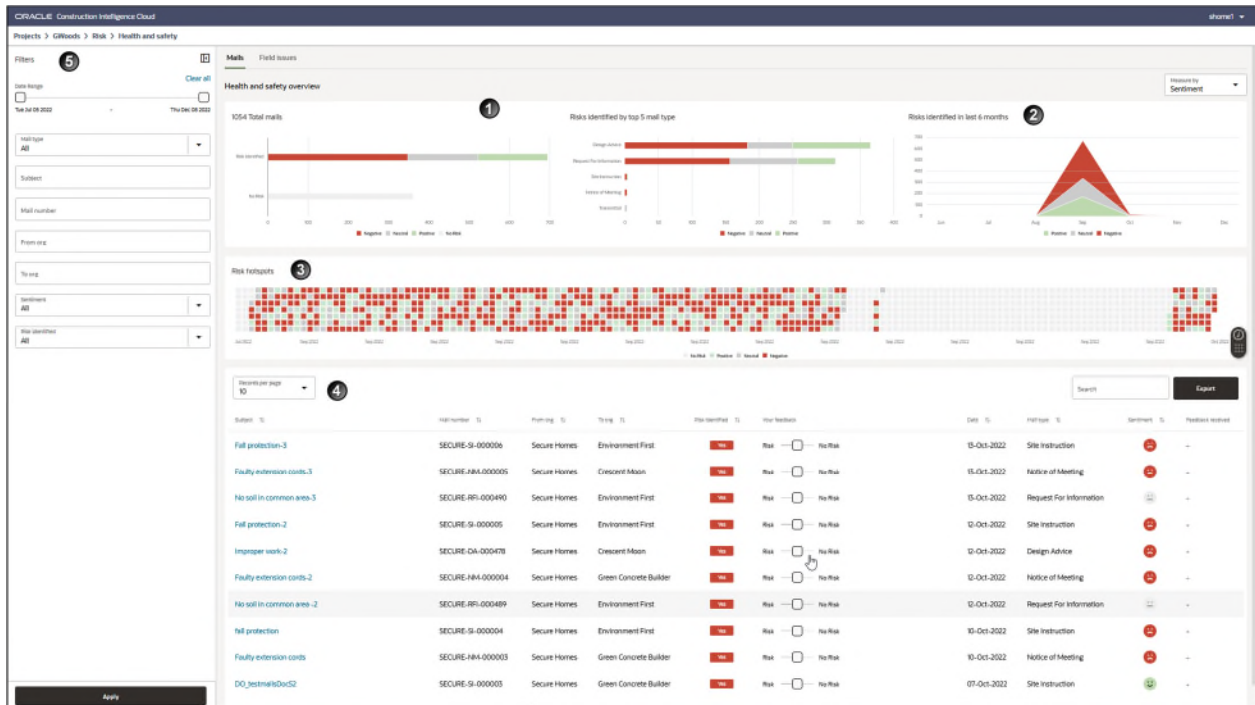
- ▶ Click **Clear All** to reset all the filters to their default values or
- ▶ Click **Apply** to view litigious mails that meet the filter criteria.

Health and Safety Risk Page

How to Get Here

- 1) Sign in to CIC Advisor.
- 2) On the **Project listings** page, select the **Other Risks** KPI of a project.

3) On the **Risk Overview** page, select the **More Details** button in the **Health Risks** section.



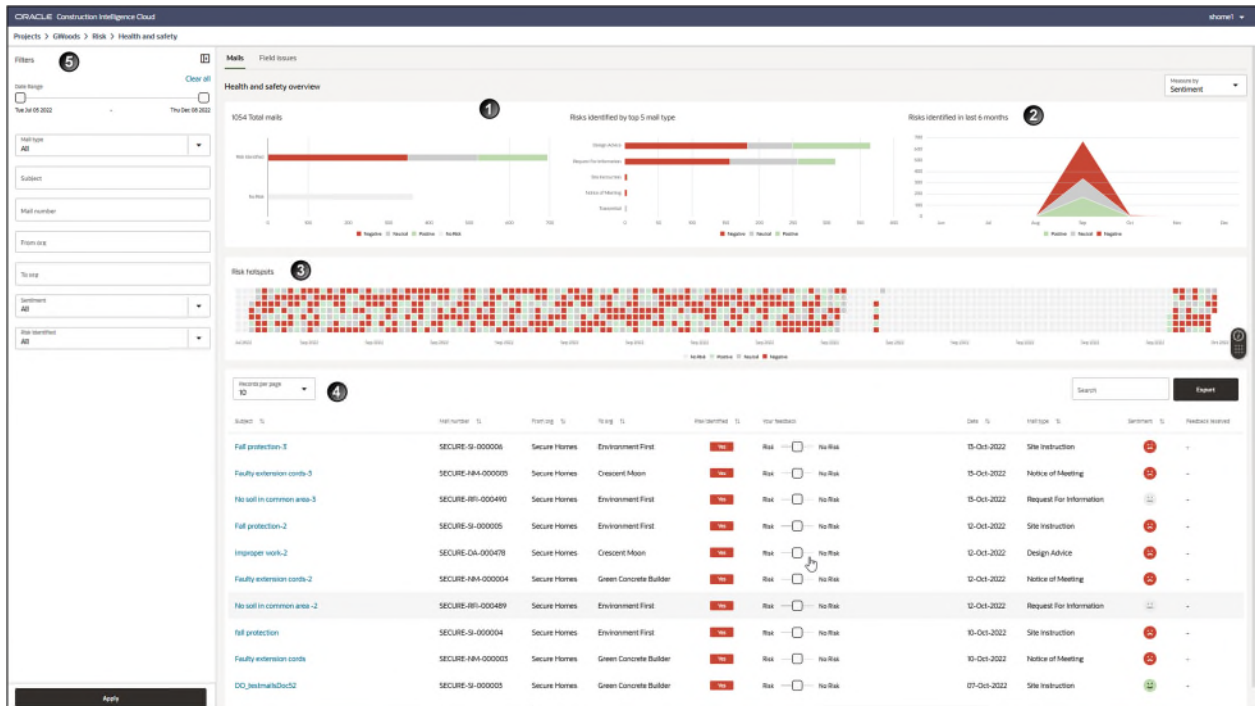
Purpose

The **Health and Safety Risk Details** page provides a detailed analysis of potential health or safety risks identified for your project through mails and on-site inspections.

For a detailed descriptions of the analysis, select the following tabs:

- ▶ **Mails** (see "**Health and Safety Risks Identified in Mails**" on page 40) (default)
- ▶ **Field issues** (see "**Health and Safety Risks Identified in the Field**" on page 48)

Health and Safety Risks Identified in Mails

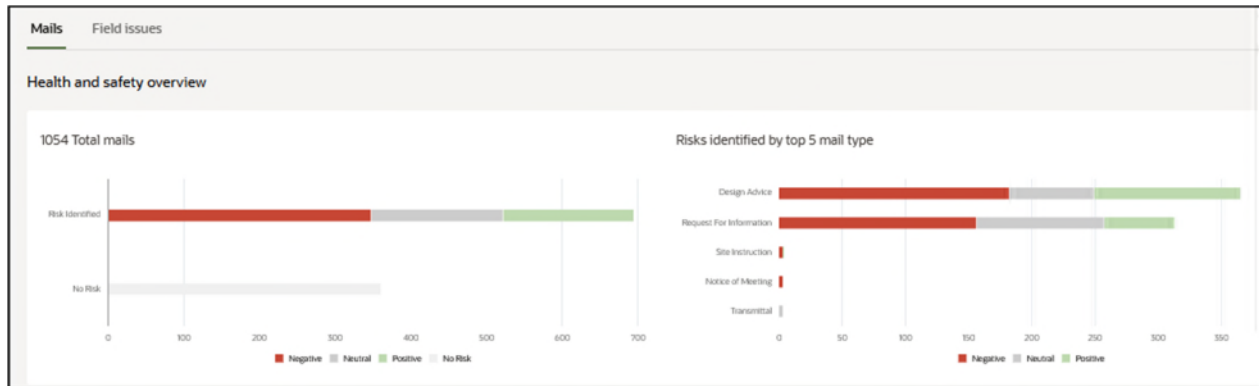


The **Mails** tab of the **Health and Safety Risks** page identifies health and safety risks identified from emails tracked by the Mail Management module of Oracle Aconex. You can view the analysis collated by CIC Advisor from a **Sentiment** standpoint.

The **Mails** tab includes the following sections:

Section Number	Section Title
1	Health and Safety Risks by Mail Type and Sentiment Section (on page 41)
2	Health and Safety Risks in the Last Six Months Section (on page 41)
3	Health and Safety Risk Hotspots (on page 42)
4	Health and Safety Risk From Mails Table (on page 44)
5	Filters Pane (on page 45)

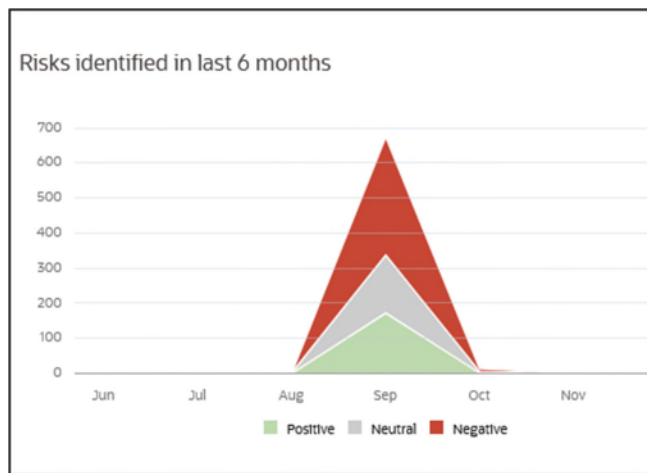
Health and Safety Risks by Mail Type and Sentiment Section



The following bar graphs provide a visual comparison of mails with risks from health and safety risks and those without risks:

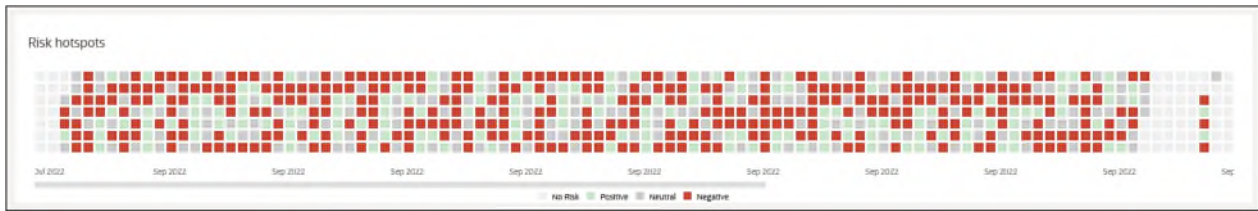
- ▶ The **Total Mails** bar graph displays the distribution of potential health and safety risk mails and those without health and safety risks with varying degrees of sentiment (*Low, Medium, and High*) across all Aconex correspondences for your project.
- ▶ The **Risks Identified by Mail Type** bar graph compares the number of risks by severity identified across different mail types for your project for the top 5 mail type categories. The graph is sorted in the descending order with the mail type with the largest number of risks on top.

Health and Safety Risks in the Last Six Months Section



Risks Identified in the last Six Months Graph: Use the line graph to understand the trend in the health and safety risks discussed and identified in Aconex correspondence for your project during the past six months. Trend lines for risk are displayed based on low (green), neutral (grey), and negative (red) sentiment. The X-axis displays the months in which the health and safety risk occurred, and the Y-axis displays the number of risks.

Health and Safety Risk Hotspots



The **Risks Hotspots** section displays a chart with risks identified over the length of the project to date. This chart can also be customized using the filter criteria in the **Filters Pane** (on page 45).

Hover your cursor over a hotspot to view the following details:

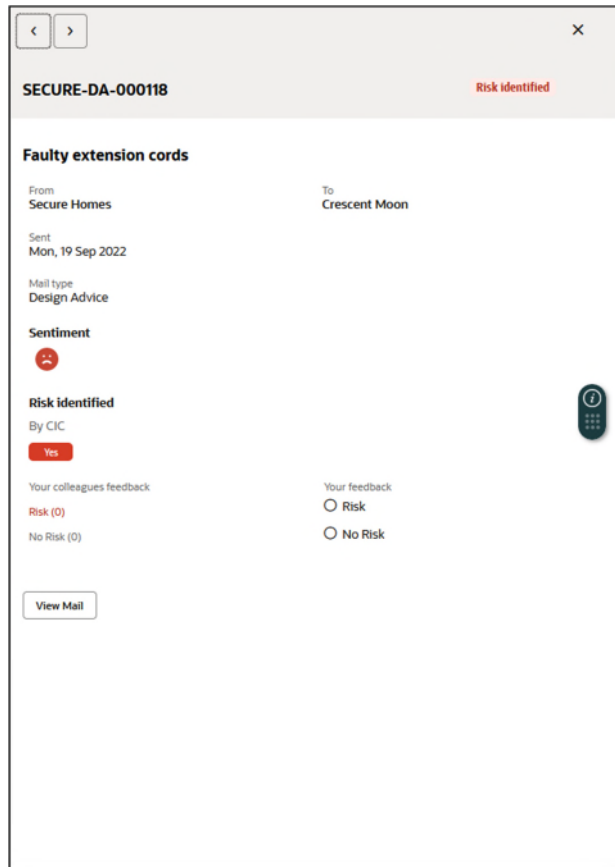
- ▶ **Date:** The date when the mail was sent to your organization.
- ▶ **Subject:** The subject line of the mail tracked in the source application.
- ▶ **Mail Type:** The category to which this mail can be associated.
- ▶ **Sentiment:** The overall sentiment associated with the mail.

Each square represents a mail whose sentiment is characterized by its color as follows:

- ▶ Grey represents mails with no-risk to health and safety
- ▶ Dark Grey represents health and safety risks of neutral sentiment
- ▶ Red represents health and safety risk mails of negative sentiment
- ▶ Green represents health and safety risk mails of positive sentiment

Click on a specific hotspot to review details of the selected risk.

Health and Safety Risk Details



When you click on a **hotspot** (see "**Health and Safety Risk Hotspots**" on page 42), the following information is displayed for a mail with a potential health and safety issue.

Header Section

In the header, the following information displays:

- ▶ **Mail Number:** The unique alphanumeric mail identification code from the source application.
- ▶ **Risk Indicator:** Identifies whether a risk was identified for the selected mail. Choices include: *Risk identified*, and *No risk*.

Body Section

In the body, the following information displays:

- ▶ **Subject:** The title of the health and safety risk identified in the mail. For example, *Forklift hazards*.
- ▶ **From:** Sender of the mail.
- ▶ **To:** The mail's recipient.
- ▶ **Sent:** The date and time that the mail was sent

- ▶ **Mail type:** A predefined category that the mail can be associated with. For example, *Design Advice*.
- ▶ **Sentiment:** A color-coded emoji to indicate the overall sentiment expressed in the mail as follows:
 - ▶ Red indicates negative sentiment
 - ▶ Green indicates positive sentiment
 - ▶ Grey indicates neutral sentiment
- ▶ **Risk identified:** Indicates whether a risk was identified (Yes or No), and how the risk was identified. For example, *By CIC*.
- ▶ **Your colleagues feedback:** The number of colleagues who did and did not identify the issue as a risk.

You can perform any of the following actions:

- ▶ In the **Your feedback:** field, indicate whether you perceive the issue in the mail as a potential litigation risk. Select any of the following options: **Risk** or **No Risk**. Your feedback will be used to train CIC Advisor to learn and improve the accuracy of its predictions.
- ▶ Click **View Mail** to review the mail in the source application.

Health and Safety Risk From Mails Table

Subject	Mail number	From org	To org	Risk identified	Your feedback	Date	Mail type	Sentiment	Feedback received
Fall protection-3	SECURE-SI-000006	Secure Homes	Environment First	Yes	Risk	13-Oct-2022	Site Instruction	🔴	-
Faulty extension cords-3	SECURE-NM-000005	Secure Homes	Crescent Moon	Yes	No Risk	13-Oct-2022	Notice of Meeting	🔴	-
No soil in common area-3	SECURE-RFI-000490	Secure Homes	Environment First	Yes	No Risk	13-Oct-2022	Request For Information	🔴	-
Fall protection-2	SECURE-SI-000005	Secure Homes	Environment First	Yes	No Risk	12-Oct-2022	Site Instruction	🔴	-
Improper work-2	SECURE-DA-000478	Secure Homes	Crescent Moon	Yes	No Risk	12-Oct-2022	Design Advice	🔴	-
Faulty extension cords-2	SECURE-NM-000004	Secure Homes	Green Concrete Builder	Yes	No Risk	12-Oct-2022	Notice of Meeting	🔴	-
No soil in common area -2	SECURE-RFI-000489	Secure Homes	Environment First	Yes	No Risk	12-Oct-2022	Request For Information	🔴	-
fall protection	SECURE-SI-000004	Secure Homes	Environment First	Yes	No Risk	10-Oct-2022	Site Instruction	🔴	-
Faulty extension cords	SECURE-NM-000003	Secure Homes	Green Concrete Builder	Yes	No Risk	10-Oct-2022	Notice of Meeting	🔴	-
DO_testmailtoDec52	SECURE-SI-000003	Secure Homes	Green Concrete Builder	Yes	No Risk	07-Oct-2022	Site Instruction	🟢	-

The **Health and Safety Mail Records** displays all mails identified to-date with a health and safety risk in your project. Select the arrow keys in any column to organize the mails in an ascending or descending order.

The following information is displayed for each mail:

- ▶ **Subject:** A short description about the subject of the mail.
- ▶ **Mail number:** A unique identification number for the mail.
- ▶ **From org:** The name of the organization sending the mail.
- ▶ **To org:** The name of the organization receiving the mail.
- ▶ **Risk identified:** Indicates if a risk has been identified for the mail.


- ▶ **Your feedback:** Provide your feedback if the mail is incorrectly identified as a. Your feedback will be used to help CIC Advisor learn and improve the accuracy of its predictions.
 - ▶ Slide to the right to indicate **No Risk**
 - ▶ Slide to the left to indicate a **Risk**
 - ▶ No feedback implies it will be considered as a potential risk, and for all model calculation purposes it will be considered as a valid risk.
- ▶ **Date:** The date on which the mail was sent.
- ▶ **Mail type:** The category type the mail belongs to such as *Request for Information*, *Site Instruction*, etc.
- ▶ **Sentiment:** A color-coded emoji to indicate the overall sentiment expressed in the mail as follows:
 - ▶ Red indicates negative sentiment
 - ▶ Grey indicates neutral sentiment
 - ▶ Green indicates positive sentiment
- ▶ **Feedback received:** The date on which the feedback was received.

Perform any of the following actions:

- ▶ In the **Search** field, enter a search string and press the Enter key to view a list of mail records that meet your search criteria.
- ▶ Click **Export** to save the records in an Excel file (.xlsx)

Filters Pane

Use the **Filters** pane on the **Health and Safety Risk** page to focus on a subset of health and safety mails in your current view of CIC Advisor.

Tip: Select **Toggle**  to display or hide the filter pane on the page.

The screenshot shows a filter interface for 'Projects > G Woods > Risk > Health and safety'. It includes a 'Filters' section with a 'Clear all' link. The 'Date Range' is set from 'Tue Jul 05 2022' to 'Thu Dec 08 2022'. Other filters include 'Mail type' (All), 'Subject', 'Mail number', 'From org', 'To org', 'Sentiment' (All), and 'Risk identified' (All). An 'Apply' button is at the bottom.

Enter values for any of the following filters:

- ▶ **Date range:** Use the slider to view health and safety risks identified through mails in a specific date range.
- ▶ **Mail type:** Select a category of mail type. Defaults to *All*.
- ▶ **Subject:** Enter a subject title to locate a specific mail. Defaults to *All*.
- ▶ **Mail number:** Enter the associated unique mail number to locate a specific mail. For example, if you have previous knowledge of a mail, use this filter to locate the specific mail to change the status of a mail as a risk.
- ▶ **From org:** Enter the name of the organization that sent the mail.
- ▶ **To org:** Enter the name of the organization that received the mail.

- ▶ **Sentiment:** Select mails based on the sentiment expressed in the correspondence. Defaults to *All*.
- ▶ **Risk identified:** Select health and safety risk mails by selecting *Yes*, or mails that are not a health and safety risk by selecting *No*. Defaults to *All*.

After entering the values, select any of the following actions:

- ▶ Click **Clear All** to reset all the filters to their default values or
- ▶ Click **Apply** to view litigious mails that meet the filter criteria.

Health and Safety Risks Identified in the Field

ORACLE Construction Intelligence Cloud GCB1

Projects > Hotel VIP > Risk > Health and safety

Filters 5 Clear all

Issue type(s)
All

Issue status(es)
All

Area/location
All

Description

Issue number

Assignee(s)
All

Sentiment
All

Risk identified
All

Apply

Mails **Field issues**

Health and safety overview Measure by Sentiment

198 Total field issues 1

Top 5 field issue types with risks identified

Risks identified in last 6 months 2

Risk hotspots 3

Records per page 10 4 Search Export

Description	Issue number	Assigned to	Status	Risk identified	Your feedback	Area/Location	Issue type
SO DSJV 19F26 Shahnor - GE...	33	Crescent Moon	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A	Defect
Mirrors - Fail damaged mirro...	40	Crescent Moon	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A	Safety
Concrete debris dumped on t...	43	Crescent Moon	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A	Safety
Material dumped at the entra...	5	Environment First	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A	Defe
LIFE 06961-GEC-Arun-Road ...	15	Environment First	Ready to inspect	Yes	Risk <input type="checkbox"/> No Risk	Block A	Incompl
minor housekeeping	41	Crescent Moon	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A	Safety
Observation n Housekeeping...	17	Crescent Moon	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A	Incompl
Reposition water fountain	49	Crescent Moon	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A	Safety
Housekeeping remove unuse...	10	Environment First	In dispute	Yes	Risk <input type="checkbox"/> No Risk	Block A	Incompl
remove concrete spill	35	Crescent Moon	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A	Defect

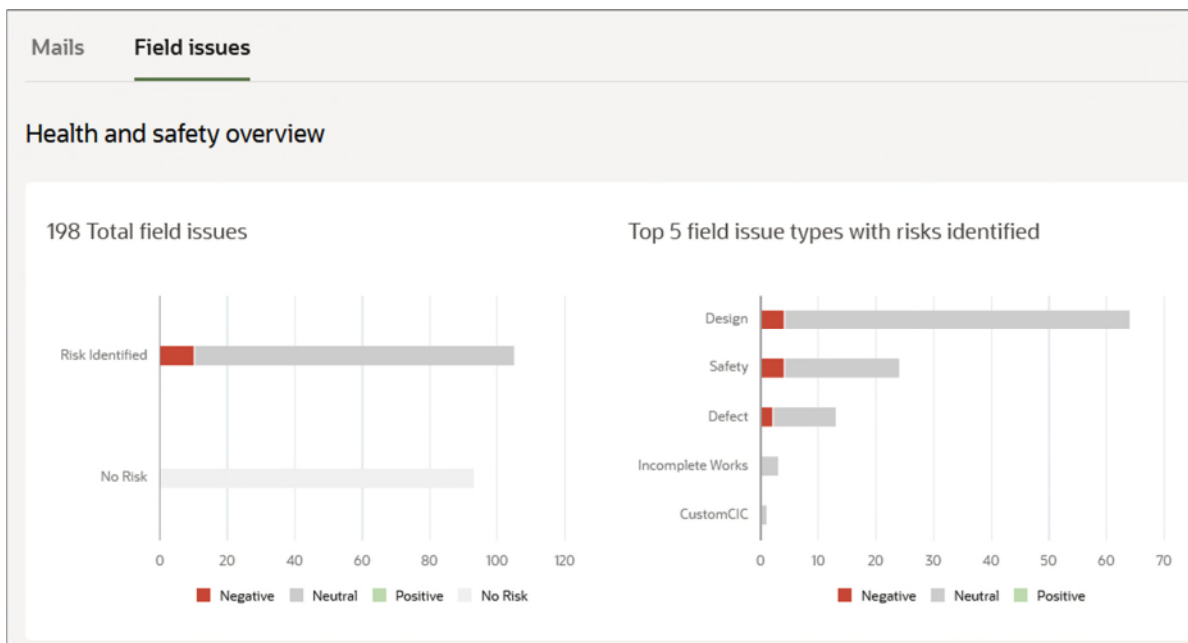
Page 1 of 20 (1-10 of 198 items) 1 2 3 4 5 ... 20

The **Field issues** tab of the **Health and Safety Risks** page identifies health and safety risks identified through on-site inspections of your project and tracked using the Field module of Oracle Aconex. You can view the analysis collated by CIC Advisor from a **Sentiment** standpoint.

The **Field issues** tab includes the following sections:

Section Number	Section Title
1	Health and Safety Risk by Totals and Issue Type (on page 49)
2	Health and Safety Risk from Field Issues in Last 6 Months (on page 50)
3	Health and Safety Risk Hot Spots of Field Issues (see " Health and Safety Risk Hot Spots for Field Issues " on page 50)
4	Health and Safety Risk From Field Issues Table (on page 53)
5	Filters Pane of the Field Issues Tab (on page 54)

Health and Safety Risk by Totals and Issue Type



The following bar graphs provide a visual comparison of health and safety risks identified on the field with those without risks:

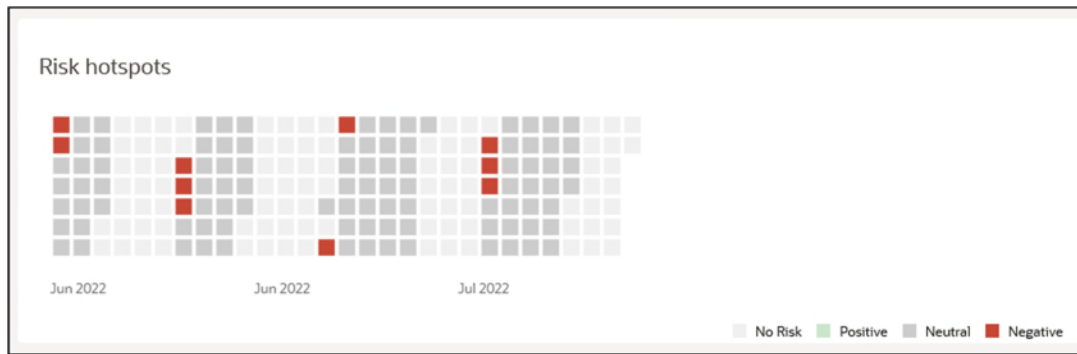
- ▶ The **Total field issues** bar graph displays the prevalence of potential health and safety risk identified from the field and those without health and safety risks with varying degrees of sentiment (*Negative*, *Neutral*, *Positive*, and *High*) for your project.
- ▶ The **Top 5 field issues types with risks identified** bar graph compares the number of risks by sentiment identified in the top 5 issue type categories for your project. The graph is sorted in the descending order with the issue type with the largest number of risks on top.

Health and Safety Risk from Field Issues in Last 6 Months



Risks Identified in last 6 Months Graph: Use the line graph to understand the trend in the health and safety risks identified from the Field module of Oracle Aconex during the past six months for your project. Trend lines for risk are displayed based on low (green), neutral (grey), and negative (red) sentiment. The X-axis displays the months in which the health and safety risk occurred, and the Y-axis displays the number of risks.

Health and Safety Risk Hot Spots for Field Issues



The **Risks hotspots** section displays a chart with risks identified from the field over the length of your project to-date. This chart can also be customized using the filter criteria in the **Filters Pane of the Field Issues Tab** (on page 54).

Each square represents a health and safety risk identified on the field whose sentiment is characterized by its color as follows:

- ▶ Grey represents mails with no-risk to health and safety
- ▶ Dark Grey represents health and safety risks of neutral sentiment
- ▶ Red represents health and safety risk mails of negative sentiment
- ▶ Green represents health and safety risk mails of positive sentiment

Hover your cursor over a hotspot to view the following details about a field issue:

- ▶ **Date:** The date when the mail was sent to your organization.
- ▶ **Subject:** The subject line of the mail tracked in the source application.
- ▶ **Mail Type:** The category to which this mail can be associated.
- ▶ **Sentiment:** The overall sentiment associated with the mail.

Click on a specific hotspot to review details of the selected risk.

Health and Safety Field Risk Details

249 Risk identified

Poor welfare facilities for the workmen in the a...

Assigned to
Secure Homes

Sent
Fri, 23 Dec 2022

Issue type
Design

Area/Location
Block A1

Issue status
Open

Sentiment
☹️

Risk identified
By CIC
Yes

Your colleagues feedback
Risk (0)
No Risk (0)

Your feedback
 Risk
 No Risk

View Issue

When you click on a **hotspot** (see "**Health and Safety Risk Hot Spots for Field Issues**" on page 50), the following information is displayed for a mail identified as health and safety issue drawn from the field.

Header Section

In the header, the following information displays:

- ▶ **Mail Number:** The unique alphanumeric mail identification code from the source application.
- ▶ **Risk Indicator:** Identifies whether a risk was identified for the selected mail. Choices include: *Risk identified*, and *No risk*.

Body Section

In the body, the following information displays:

- ▶ **Subject:** The title of the litigious risk identified in the mail. For example, *Forklift hazards*.
- ▶ **From:** Sender of the mail.
- ▶ **To:** The mail's recipient.
- ▶ **Sent:** The date and time that the mail was sent.
- ▶ **Mail type:** A predefined category that the mail can be associated with. For example, *Design Advice*.
- ▶ **Sentiment:** A color-coded emoji to indicate the overall sentiment expressed in the mail as follows:
 - ▶ Red indicates negative sentiment
 - ▶ Green indicates positive sentiment
 - ▶ Grey indicates neutral sentiment
- ▶ **Risk identified:** Indicates whether a risk was identified (*Yes* or *No*), and how the risk was identified. For example, *By CIC*.
- ▶ **Your colleagues feedback:** The number of colleagues who did and did not identify the issue as a risk.

You can perform any of the following actions:

- ▶ In the **Your feedback:** field, indicate whether you perceive the issue in the mail as a potential litigation risk. Select any of the following options: **Risk** or **No Risk**. Your feedback will be used to train CIC Advisor to learn and improve the accuracy of its predictions.
- ▶ Click **View Mail** to review the mail in the source application.

Health and Safety Risk From Field Issues Table

ORACLE Construction Intelligence Cloud GCB1

Projects > Hotel VIP > Risk > Health and safety

Records per page: 10

Search Export

Description	Issue number	Assigned to	Status	Risk identified	Your feedback	Area/Location	Issue type	Sentiment
Poor welfare facilities for the work...	215	Secure Homes	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A1	Design	☹️
No foam fire extinguisher on board...	220	Secure Homes	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A1	Design	☹️
Daily inspection - Poor housekeepi...	189	Green Concrete Builder	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A1	Safety	☹️
Poor housekeeping debris and unu...	223	Secure Homes	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A1	Design	☹️
Poor standard of housekeeping and...	231	Secure Homes	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A1	Design	☹️
MSR (WSHO) inspection - Unsafe m...	217	Secure Homes	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A1	Design	☹️
Small dumps of leftover concrete al...	192	Green Concrete Builder	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A1	Safety	☹️
Weekly walk around Required fire p...	224	Secure Homes	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A1	Design	☹️
SO DSJV 20C17 Musa - Dust control...	225	Secure Homes	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A1	Design	☹️
Confined space not marked clearly ...	195	Environment First	Open	Yes	Risk <input type="checkbox"/> No Risk	Block A1	Safety	☹️

Data: 1 of 20 (1 of 10 of 108 items)

The **Health and Safety Records by Field Issue** table displays all mails identified on the field to-date with a health and safety risk in your project. Select the arrow keys in any column to organize the mails in an ascending or descending order.

The following information is displayed for each issue:

- ▶ **Description:** A short description about the health and risk issue.
- ▶ **Issue number:** A unique identification number for the issue.
- ▶ **Assigned to:** The name of the organization associated with the identified issue.
- ▶ **Status:** The current status of the issue. Choices include: *All* (default), *Open*, *Work done*, *In dispute*, *Ready to inspect*, and *Closed*.
- ▶ **Risk Identified:** Indicates if a risk has been identified for the issue.
- ▶ **Your Feedback:** Provide your feedback if the issue is incorrectly classified as a risk. Your feedback will be used to train CIC Advisor to learn and improve the accuracy of its predictions.
 - ▶ Slide to the right to indicate **No Risk**
 - ▶ Slide to the left to indicate a **Risk**
 - ▶ No feedback implies it will be considered as a potential risk, and for all model calculation purposes it will be considered as a valid risk.
- ▶ **Area / Location:** The geographical location where the issue was identified.
- ▶ **Issue type:** The category type the issue belongs to. Choices include: *All* (default), *Design*, *Safety*, *Defect*, and *Incomplete work*.

- ▶ **Sentiment:** A color-coded emoji to indicate the overall sentiment expressed in the mail as follows:
 - ▶ Red indicates negative sentiment
 - ▶ Grey indicates neutral sentiment
 - ▶ Green indicates positive sentiment
- ▶ **Feedback Received:** The date on which the feedback was received.

Perform any of the following actions:

- ▶ In the **Search** field, enter a search string and press the Enter key to view a list of field issues that meet your search criteria.
- ▶ Click **Export** to save the records in an Excel file (.xlsx)

Filters Pane of the Field Issues Tab

The screenshot displays the Oracle Construction Intelligence Cloud interface. At the top, the breadcrumb navigation shows 'Projects > Hotel VIP > Risk > Health and safety'. Below this, there are two tabs: 'Mails' and 'Field issues', with 'Field issues' being the active tab. The 'Filters' pane is visible on the left, containing several filter options: 'Issue type(s)' (All), 'Issue status(es)' (All), 'Area/location' (All), 'Description', 'Issue number', 'Assignee(s)' (All), 'Sentiment' (All), and 'Risk identified' (All). A 'Clear all' link is located above the filters. At the bottom of the filters pane is an 'Apply' button. The main content area on the right is currently empty.

Enter or select values for any of the following filters:

- ▶ **Issue type(s):** Select an issue type category. Choices include: *All* (default), or any other category based on your projects.
- ▶ **Issue status(es):** Select a issue type category from the drop-down list. Choices include: *All* (default), *Open*, *Work done*, *In dispute*, *Ready to inspect*, and *Closed*.
- ▶ **Area location:** Select a location associated with the field issues that you want to focus on.
- ▶ **Description:** Enter a search term to locate a specific issue.
- ▶ **Issue number:** Enter a partial or an exact issue number term to locate issues. Use the % sign to conduct a wild-card search on the issue number.
- ▶ **Assignee(s):** Select the organization to whom the issue has been assigned. Defaults to *All*.
- ▶ **Sentiment:** Select a sentiment associated with issues. Choices include: *All* (default), *Positive*, *Negative*, and *Neutral*.
- ▶ **Risk Identified:** Select health and safety risk issues for whom risk has been identified. Choices include: *All* (default), *Yes* (risk has been identified), or *No* (risk has not been identified).

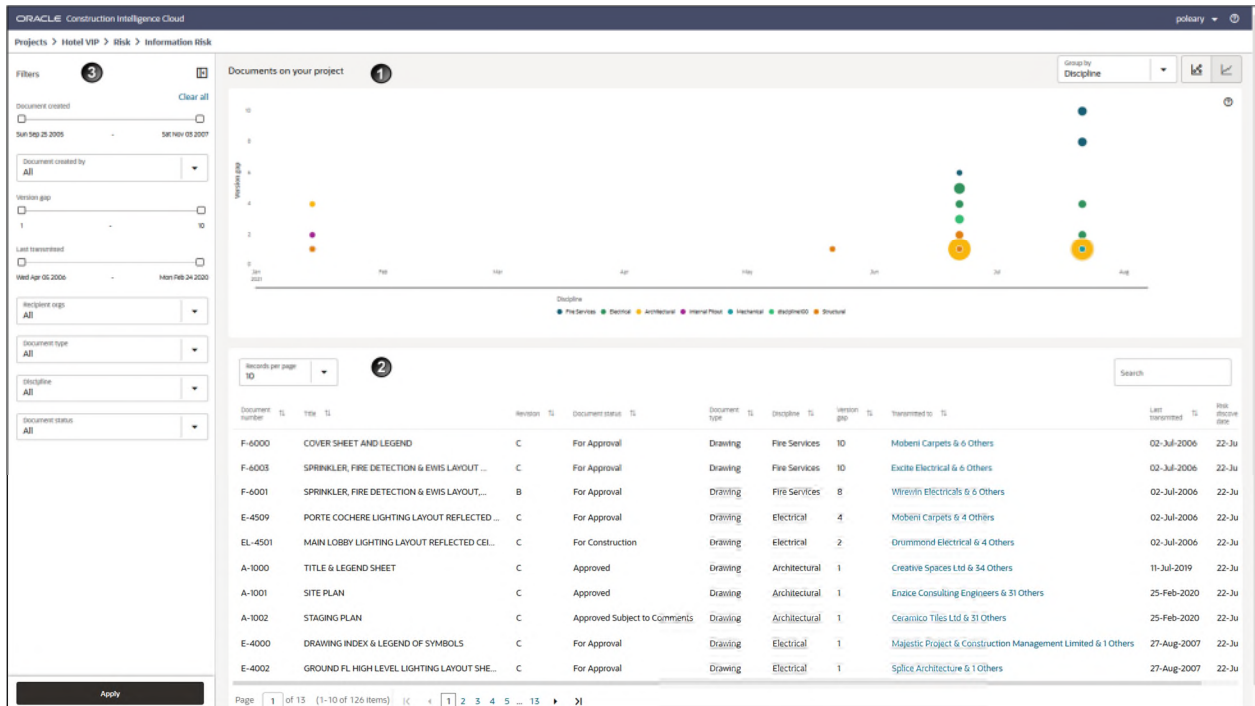
After entering the values, select any of the following actions:

- ▶ Click **Clear All** to reset all the filters to their default values.
- ▶ Click **Apply** to view litigious issues that meet the filter criteria.

Information Risk Page

How to Get Here

- 1) Sign in to CIC Advisor.
- 2) On the **Project listings** page, select the **Other Risks** KPI of a project.
- 3) On the **Risk Overview** page, select the **More Details** button in the **Information Risk** section.



Purpose

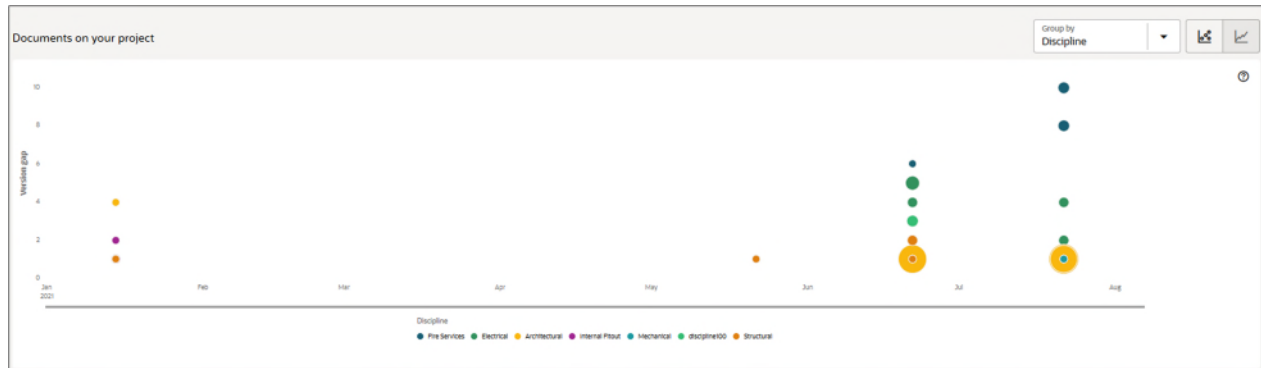
Various types of documents are used to manage construction projects such as architecture design documents, electrical and mechanical engineering documents, etc.. It is crucial to ensure all stakeholders are in sync by using the latest version of the relevant document. Using outdated versions will otherwise result in rework, extend the project's timeline and increase project costs.

The **Information Risks Detail** page provides a detailed analysis and prediction of information risks for your project. These risks are discovered through emails tracked by the Mail Management module of Oracle Aconex. Use the **Measure** drop-down list to view the information risk predicted for a specific **Discipline**, **Document Type**, or **Document Status**.

This page includes the following sections:

Section Number	Section Title
1	Documents on your Project Section (on page 57)
2	Outdated Documents Table (on page 58)
3	Filters Pane (on page 59)

Documents on your Project Section





Documents on your Project: You can review tUse the bubble chart to glean information about the risks discovered from outdated documents each month as follows:

- ▶ Each bubble refers to an outdated document.
- ▶ The size of the bubble indicates the extent to which the document was transmitted and shared between organizations.
If the document was shared extensively between organizations, the size of the bubble increases proportionately, and represents greater risk.
- ▶ The color of the bubble indicates the discipline associated with each document.
For example, Blue represents design documents associated with the discipline of Architecture.
- ▶ The position of the bubble is indicative of the average number of versions a document is outdated. Therefore, the higher a bubble is positioned, the greater the number of versions on average the document is outdated.

The X-axis represents the month in which the risk was discovered and the Y-axis represents the version gap between the version in the document register and the latest transmitted version.

Select any of the following actions to view more information from the graph:

- ▶ Use the **Group By** list to view the graph for a specific *Discipline*, *Document Type*, or *Document Status*
- ▶ Hover over a bubble to view more details about an outdated document.
- ▶ Select a **Line Graph**  or a **Bubble Graph**  to view the outdated documents

Note: The threshold settings of the risk totals can be modified in the CIC Advisor Administration application. To modify the risk thresholds to suit your organization standards, contact your CIC Advisor administrator.

Outdated Documents Table

Document number	Title	Revision	Document status	Document type	Discipline	Version gap	Transmitted to	Last transmitted	Risk discovery date
EL-4501	MAIN LOBBY LIGHTING LAYOUT REFLECTED CBI...	C	For Construction	Drawing	Electrical	2	Mobeni Carpets & 4 Others	02-Jul-2006	02-Jul-2006
E-4508	PORTE COCHERE LIGHTING LAYOUT FLOOR PLAN	B	Approved	Drawing	Electrical	1	Mobeni Carpets & 6 Others	15-Dec-2014	15-Dec-2014
E-4509	PORTE COCHERE LIGHTING LAYOUT REFLECTED ...	C	For Approval	Drawing	Electrical	4	Mobeni Carpets & 4 Others	02-Jul-2006	02-Jul-2006
E-4000	DRAWING INDEX & LEGEND OF SYMBOLS	C	For Approval	Drawing	Electrical	1	VIP Development Group & 1 Others	27-Aug-2007	10-Oct-2007
E-4002	GROUND FL HIGH LEVEL LIGHTING LAYOUT SHE...	C	For Approval	Drawing	Electrical	1	VIP Development Group & 1 Others	27-Aug-2007	10-Oct-2007
E-4003	GROUND FL HIGH LEVEL LIGHTING LAYOUT SHE...	C	For Approval	Drawing	Electrical	1	VIP Development Group & 1 Others	27-Aug-2007	10-Oct-2007
E-4007	L1 CAFÉ HIGH LEVEL LIGHTING LAYOUT	B	For Approval	Drawing	Electrical	1	VIP Development Group	23-Aug-2007	10-Oct-2007
F-6000	COVER SHEET AND LEGEND	C	For Approval	Drawing	Fire Services	10	Mobeni Carpets & 6 Others	02-Jul-2006	02-Jul-2006
F-6001	SPRINKLER, FIRE DETECTION & EWIS LAYOUT...	B	For Approval	Drawing	Fire Services	8	Mobeni Carpets & 6 Others	02-Jul-2006	10-Oct-2007
F-6002	SPRINKLER, FIRE DETECTION & EWIS LAYOUT...	D	For Approval	Drawing	Fire Services	1	Mobeni Carpets & 6 Others	02-Jul-2006	10-Oct-2007

Records per page: 10

Page 1 of 13 (1-10 of 121 items) |< < 1 2 3 4 5 ... 13 > >|

The **Outdated Documents** table displays details about each document that was identified as a risk. Select the arrow keys of any column to organize the documents in an ascending or descending order.

The following information is displayed for each outdated document:

- ▶ **Document Number:** Displays the unique identification number associated with the document from Oracle Aconex.
- ▶ **Title:** Displays the title of the document.
- ▶ **Revision:** The version number of the document. For example, version 2 of a design specification.
- ▶ **Document status:** Displays the current status of the document.
- ▶ **Discipline:** Displays the discipline of study associated with the document. For example, a design blue-print is associated with the discipline of architecture.
- ▶ **Version gap:** The difference in the versions maintained in the organization's document register and the latest transmitted version.
- ▶ **Transmitted go:** Displays the name of the organization that received the document. Hover your cursor over the organization name to view a list of organizations to which it has been transmitted.
- ▶ **Last transmitted:** Displays the date on which the document was last sent.
- ▶ **Risk discovery date:** Displays the date on which the risk was identified.

Filters Pane

Use the **Filters** pane on the **Information Risk** page to focus on a subset of mails that highlight information risk in your current view of CIC Advisor.

The screenshot shows the 'Filters' pane for the 'Information Risk' view. The breadcrumb path is 'Projects > Hotel VIP > Risk > Information Risk'. The pane includes a 'Clear all' button and several filter sections:

- Document created:** A date range slider from 'Sun Sep 25 2005' to 'Sat Nov 03 2007'.
- Document created by:** A dropdown menu set to 'All'.
- Version gap:** A range slider from '1' to '10'.
- Last transmitted:** A date range slider from 'Wed Apr 05 2006' to 'Mon Feb 24 2020'.
- Recipient orgs:** A dropdown menu set to 'All'.
- Document type:** A dropdown menu set to 'All'.
- Discipline:** A dropdown menu set to 'All'.
- Document status:** A dropdown menu set to 'All'.

An 'Apply' button is located at the bottom of the pane.

Enter values for any of the following filters:

- ▶ **Document Created:** Use the slider to select a date range that a document was created or added in the organization's document register.
- ▶ **Document Created By:** Enter the name of the original author of the mail in the format <First Name> <Last Name>. Defaults to *All*.
- ▶ **Version Gap:** Use the slider to indicate the gap between the document version in the organization's register and the most recent version of the document transmitted.

- ▶ **Last Transmitted:** Use the slider to select a date range that a document was last transmitted.
- ▶ **Recipient Orgs:** Select the name of the organization that received the mail from the drop-down list. Defaults to *All*.
- ▶ **Document Type:** Select the type of document for which the risk was identified from the drop-down list. For example, a Visio document, drawing, etc. Defaults to *All*.
- ▶ **Discipline:** Select the discipline of study associated with the document from the drop-down list. For example a mechanical engineering, or electrical engineering, etc. Defaults to *All*.
- ▶ **Document Status:** Select the status of the document from the drop-down list. For example, *Approved*, *For Approval*, or *Rejected*. Defaults to *All*.

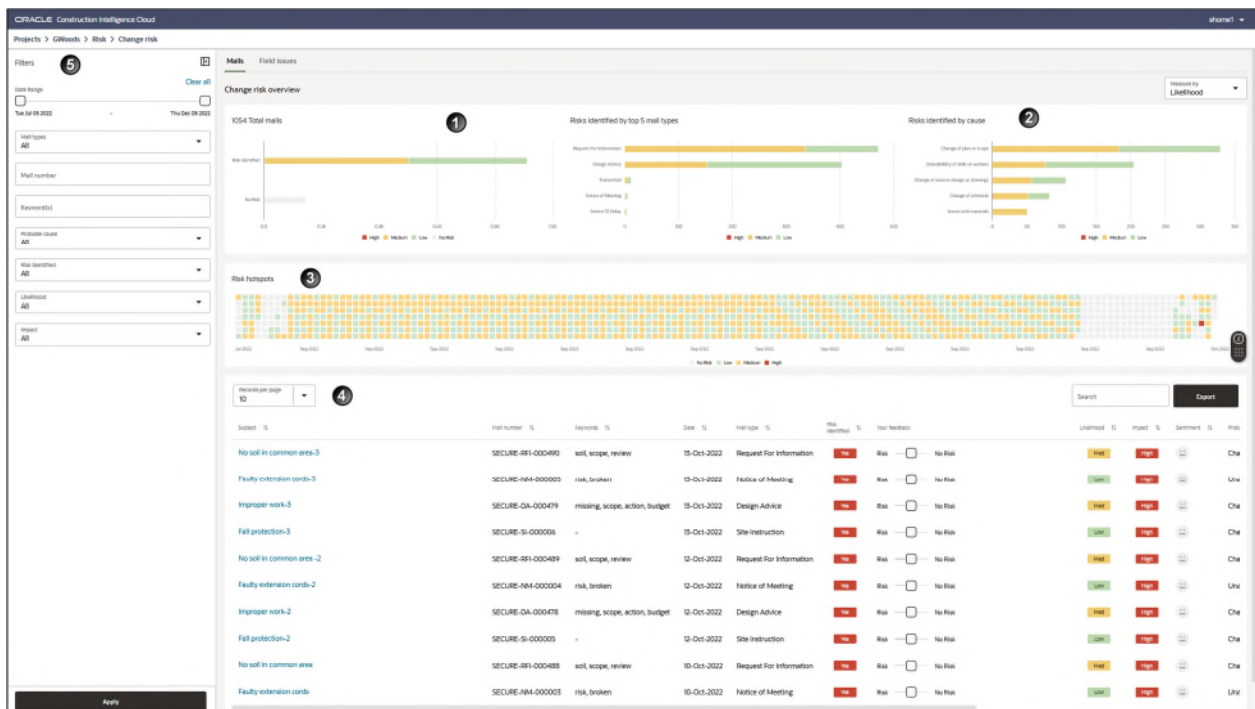
After entering the values, select any of the following actions:

- ▶ Click **Clear All** to reset all the filters to their default values
- ▶ Click **Apply** to view litigious mails that meet the filter criteria

Change Risk Page

How to Get Here

- 1) Sign in to CIC Advisor.
- 2) On the **Project listings** page, select the **Other Risks** KPI of a project.
- 3) On the **Risk Overview** page, select the **More Details** button in the **Change Risks** section.

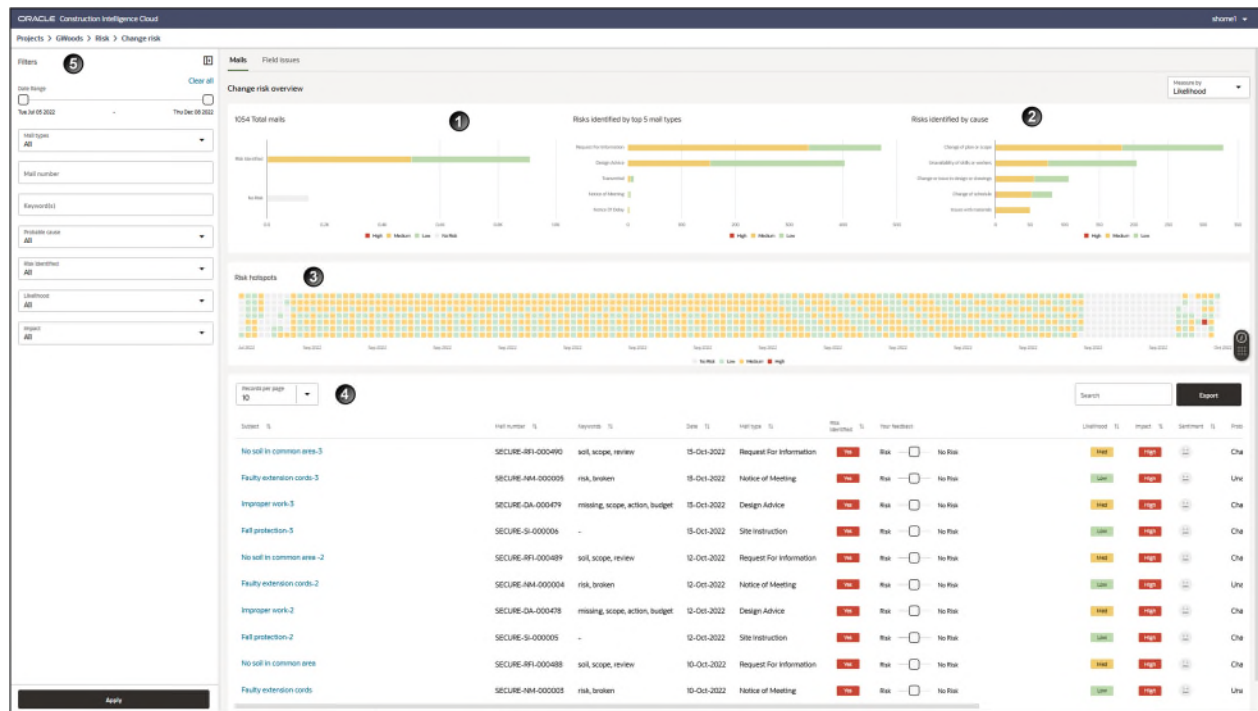


Purpose

To control project costs, and timeline of delivery it is essential to monitor, control, and manage change requests throughout the project. Using CIC Advisor you can discover and address risks that necessitate creating new change requests which can impact the budget and the timeline of the project. Change risks can be identified from:

- ▶ **Mails** (see "**Change Risks Identified from Mails**" on page 61)
- ▶ **Field Issues** (see "**Change Risks Identified from Field Issues**" on page 68)

Change Risks Identified from Mails



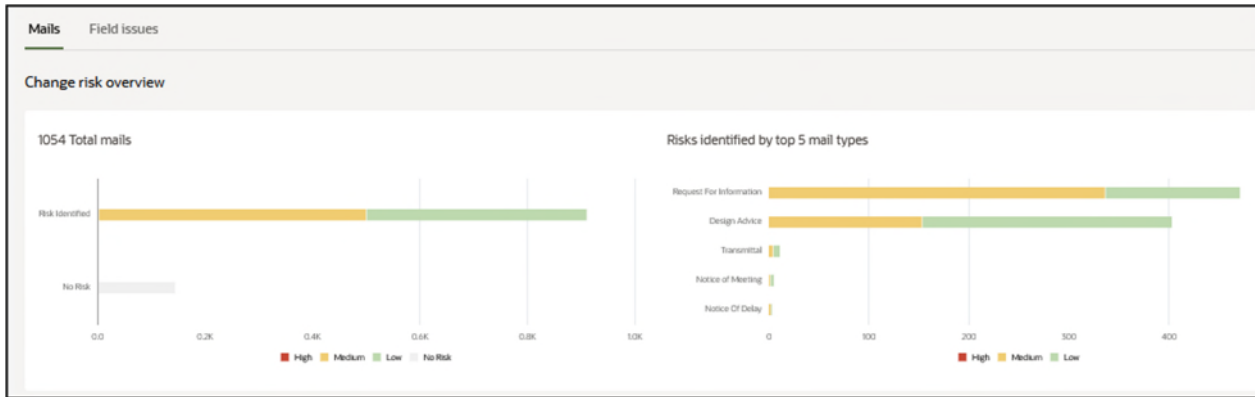
The **Mails** tab of the **Change Risk** page provides a detailed analysis and impact arising from change requests for your project. These risks are discovered through mails tracked by the Mail Management module of Oracle Aconex. Use the **Measure** drop-down list to view the change risk by the **Likelihood** of occurrence or **Impact**.

This page includes the following sections:

Section Number	Section Title
1	Risks Identified by Total and By Process (on page 62)
2	Change Risks by Cause Section (on page 62)
3	Change Risks Hotspots (on page 63)

Section Number	Section Title
4	Change Risks Records Table (on page 66)
5	Filters Pane (on page 67)

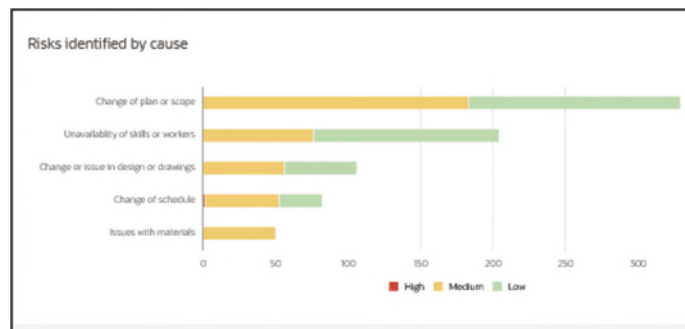
Risks Identified by Total and By Process



The **Total Predicted Changes** bar graph displays the total number of change risks identified for your project, organized by severity. The X-axis displays the number of change risks identified for your project. The Y-axis displays the risks identified by severity (*High*, *Medium*, *Low*, and *No Risk*). Hover over the bar graph to view more details.

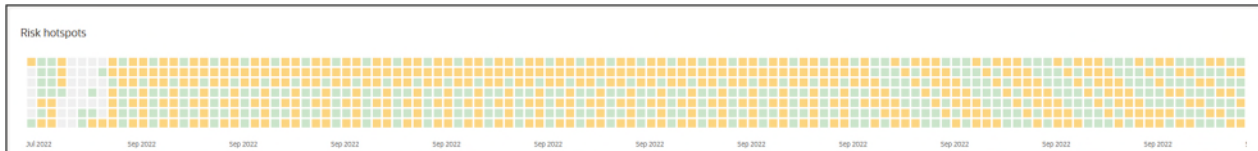
The **Risks Identified by Process** bar graph displays the number of risks identified using a specific process within the organization. Use this information to understand which process is used extensively by the organization, which alternative process needs to be improved, or what makes it popular as a channel for routing change requests. The X-axis displays the number of change requests identified, and the Y-axis displays the various processes used to gather change requests by the organization. The color of the bar graph indicates the severity (*High*, *Medium*, and *Low*) of the change requests identified using each process.

Change Risks by Cause Section



The **Risks Identified by Risk Cause** section displays a bar graph that displays the major causes for change requests associated with your project. The X-axis displays the number of change requests, and the Y-axis displays the various risk causes associated with the change requests. Use this section to analyze your change requests to address and resolve these to reduce the impact on your project.

Change Risks Hotspots



The **Risks Hotspots** section displays a chart with risks identified over the length of the project to date. Use this chart to identify change risk hotspots in your project. This chart can also be customized using the filter criteria in the **Filters Pane** (on page 67).

Hover your cursor over a hotspot to view the following details:

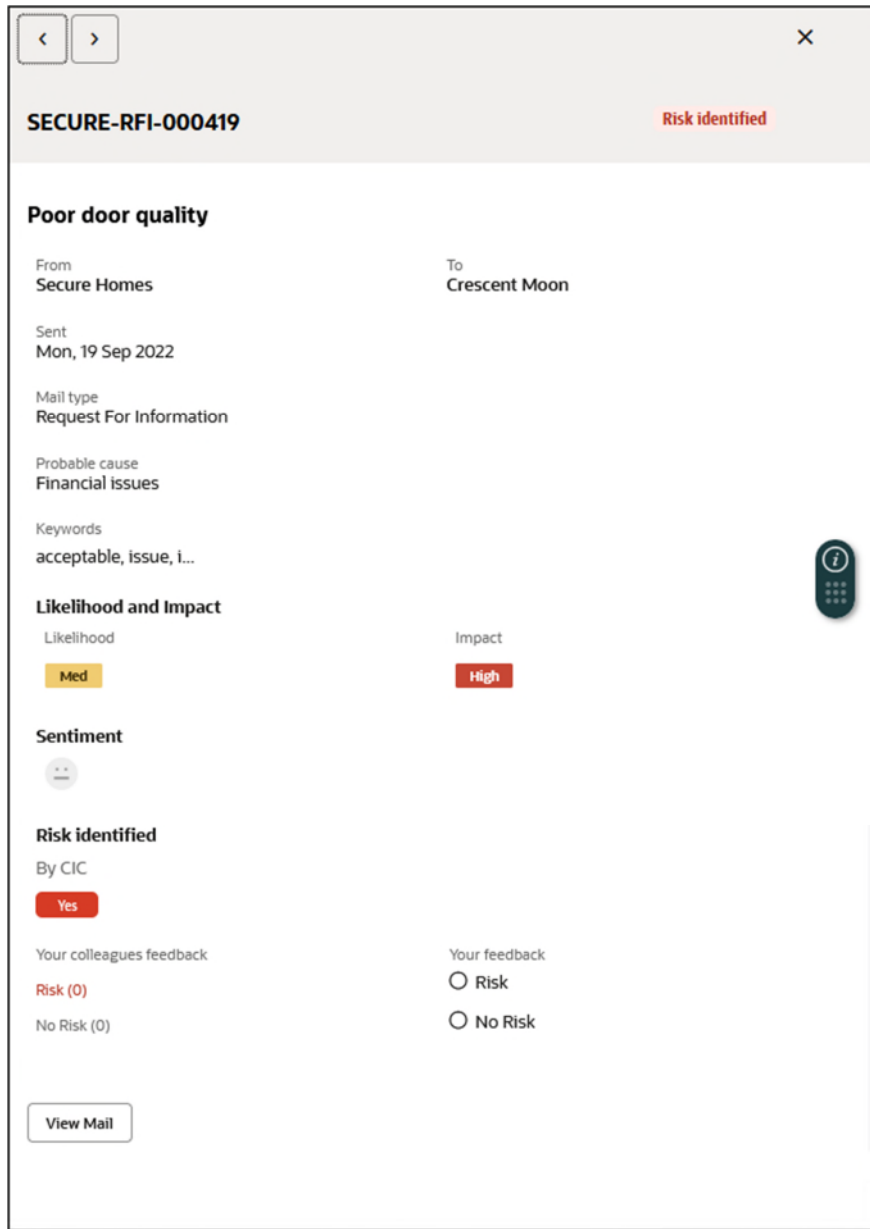
- ▶ **Date:** The date when the mail was sent to your organization.
- ▶ **Subject:** The subject line of the mail tracked in the source application.
- ▶ **Mail Type:** The category to which this mail can be associated.
- ▶ **Likelihood:** The potential of the risk materializing in your project is characterized as either *High, Medium, or Low*.

Each square represents a mail whose severity is characterized by its color as follows:

- ▶ Grey represents mails that do not contain any change risk
- ▶ Red represents mails that contain change risk of high severity
- ▶ Amber represents mails that contain change risk of medium severity
- ▶ Green represents mails that contain change risk of low severity

Click on a specific hotspot to review details of the selected risk.

Change Risk Details



When you click on a **hotspot** (see "**Change Risks Hotspots**" on page 63), the following information is displayed for a mail with a potential risk of change request for your project.

Header Section

In the header, the following information displays:

- ▶ **Mail Number:** The unique alphanumeric mail identification code from the source application.
- ▶ **Risk Indicator:** Identifies whether a risk was identified for the selected mail. Choices include: *Risk identified*, and *No risk*.

Body Section

In the body, the following information displays:

- ▶ **Subject:** The title of the change risk identified in the mail. For example, *Poor door quality*.
- ▶ **From:** Sender of the mail.
- ▶ **To:** The mail's recipient.
- ▶ **Sent:** The date and time that the mail was sent
- ▶ **Mail type:** A predefined category that the mail can be associated with. For example, *Request for Information*.
- ▶ **Probable cause:** The reason for being identified as a potential change risk.
- ▶ **Keywords:** The keywords included in the content that resulted in the mail being flagged by CIC Advisor as a change risk. For example, *issue, acceptable*.
- ▶ **Likelihood:** The likelihood of occurrence of the change risk. Choices include: *All* (default), *High*, *Medium*, and *Low*.
- ▶ **Impact:** The potential impact identified from the change risk:
 - ▶ Red indicates a high risk
 - ▶ Amber indicates a medium risk
 - ▶ Green indicates a low risk
 - ▶ Grey indicates no impact
- ▶ **Sentiment:** A color-coded emoji indicates the overall sentiment expressed in the mail as follows:
 - ▶ Red indicates negative sentiment
 - ▶ Green indicates positive sentiment
 - ▶ Grey indicates neutral sentiment
- ▶ **Risk identified:** Indicates whether a risk was identified (*Yes* or *No*), and how the risk was identified. For example, *By CIC*.
- ▶ **Your colleagues feedback:** The number of colleagues who did and did not identify the issue as a risk.

You can perform any of the following actions:

- ▶ In the **Your feedback** field, indicate whether you perceive the flagged issue as a potential change risk. Select any of the following options: **Risk** or **No Risk**. Your feedback will be used to train CIC Advisor to learn and improve the accuracy of its predictions.
- ▶ Click **View Mail** to review the mail in the source application.

Change Risks Records Table

subject	mail number	keywords	date	mail type	risk identified	your feedback	likelihood	impact	sentiment	probable cause	feedback received
No soil in common area-3	SECURE-RFI-000490	soil, scope, review	15-Oct-2022	Request For Information	Yes	Risk <input type="checkbox"/>	No Risk	High	High	Change of plan or scope	-
Faulty extension cards-3	SECURE-NM-000005	risk, broken	15-Oct-2022	Notice of Meeting	Yes	Risk <input type="checkbox"/>	No Risk	Low	High	Unavailability of skills or work...	-
Improper work-3	SECURE-DA-000479	missing, scope, action, budget	15-Oct-2022	Design Advice	Yes	Risk <input type="checkbox"/>	No Risk	High	High	Change of plan or scope	-
Fall protection-3	SECURE-SI-000006	-	15-Oct-2022	Site Instruction	Yes	Risk <input type="checkbox"/>	No Risk	Low	High	Change of plan or scope	-
No soil in common area-2	SECURE-RFI-000489	soil, scope, review	12-Oct-2022	Request For Information	Yes	Risk <input type="checkbox"/>	No Risk	High	High	Change of plan or scope	-
Faulty extension cards-2	SECURE-NM-000004	risk, broken	12-Oct-2022	Notice of Meeting	Yes	Risk <input type="checkbox"/>	No Risk	Low	High	Unavailability of skills or work...	-
Improper work-2	SECURE-DA-000478	missing, scope, action, budget	12-Oct-2022	Design Advice	Yes	Risk <input type="checkbox"/>	No Risk	High	High	Change of plan or scope	-
Fall protection-2	SECURE-SI-000005	-	12-Oct-2022	Site Instruction	Yes	Risk <input type="checkbox"/>	No Risk	Low	High	Change of plan or scope	-
No soil in common area	SECURE-RFI-000488	soil, scope, review	10-Oct-2022	Request For Information	Yes	Risk <input type="checkbox"/>	No Risk	High	High	Change of plan or scope	-
Faulty extension cards	SECURE-NM-000003	risk, broken	10-Oct-2022	Notice of Meeting	Yes	Risk <input type="checkbox"/>	No Risk	Low	High	Unavailability of skills or work...	-

The **Records per Page** table displays all the mails flagged to-date with a potential change risk in your project. Select the arrow keys in any column to organize the mails in an ascending or descending order.


The following information is displayed for each mail:

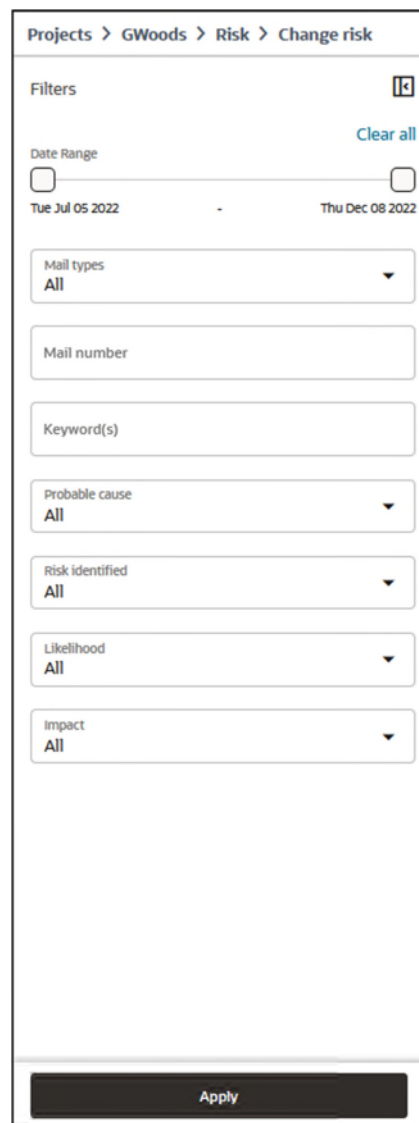
- ▶ **Subject:** A short description about the subject of the mail.
- ▶ **Mail number:** The unique identification number for the mail.
- ▶ **Keywords:** The keywords that contributed to identifying the mail as a change risk.
- ▶ **Date:** The date on which the mail was sent.
- ▶ **Mail type:** The category type that the mail belongs to.
- ▶ **Risk identified:** Indicates if a risk was identified in the mail.
- ▶ **Your feedback:** Use the scale to provide your feedback to CIC Advisor about mails that were incorrectly identified as risks, or not identified as a change risk. Your feedback will be used to help CIC Advisor learn and improve the accuracy of it's predictions.
 - ▶ Slide to the right to indicate **No Risk**
 - ▶ Slide to the left to indicate a **Risk**
 - ▶ No feedback implies it will be considered as a potential risk, and for all model calculation purposes it will be considered as a valid risk.
- ▶ **Likelihood:** The likelihood of occurrence of the change risk:
 - ▶ Red indicates a high risk
 - ▶ Amber indicates a medium risk
 - ▶ Green indicates a low risk
 - ▶ Grey indicates no likelihood
- ▶ **Impact:** The potential impact identified from the change risk:
 - ▶ Red indicates a high risk
 - ▶ Amber indicates a medium risk
 - ▶ Green indicates a low risk
 - ▶ Grey indicates no impact

- ▶ **Sentiment:** A color-coded emoji to indicate the overall sentiment expressed in the mail as follows:
 - ▶ Red indicates negative sentiment
 - ▶ Grey indicates neutral sentiment
 - ▶ Green indicates positive sentiment
- ▶ **Probable cause:** The reason for being identified as a potential change risk

Filters Pane

Use the **Filters** pane on the **Change Risk** page to focus on a subset of mails associated with change requests in your current view of CIC Advisor.

Tip: Select **Toggle**  to display or hide the filter pane on the page.



The screenshot shows the 'Filters' pane on the 'Change risk' page. The breadcrumb trail at the top reads 'Projects > G Woods > Risk > Change risk'. The 'Filters' section includes a 'Clear all' link and a 'Date Range' selector with a date range from 'Tue Jul 05 2022' to 'Thu Dec 08 2022'. Below this are several filter categories, each with a dropdown menu set to 'All': 'Mail types', 'Mail number', 'Keyword(s)', 'Probable cause', 'Risk identified', 'Likelihood', and 'Impact'. An 'Apply' button is located at the bottom of the pane.

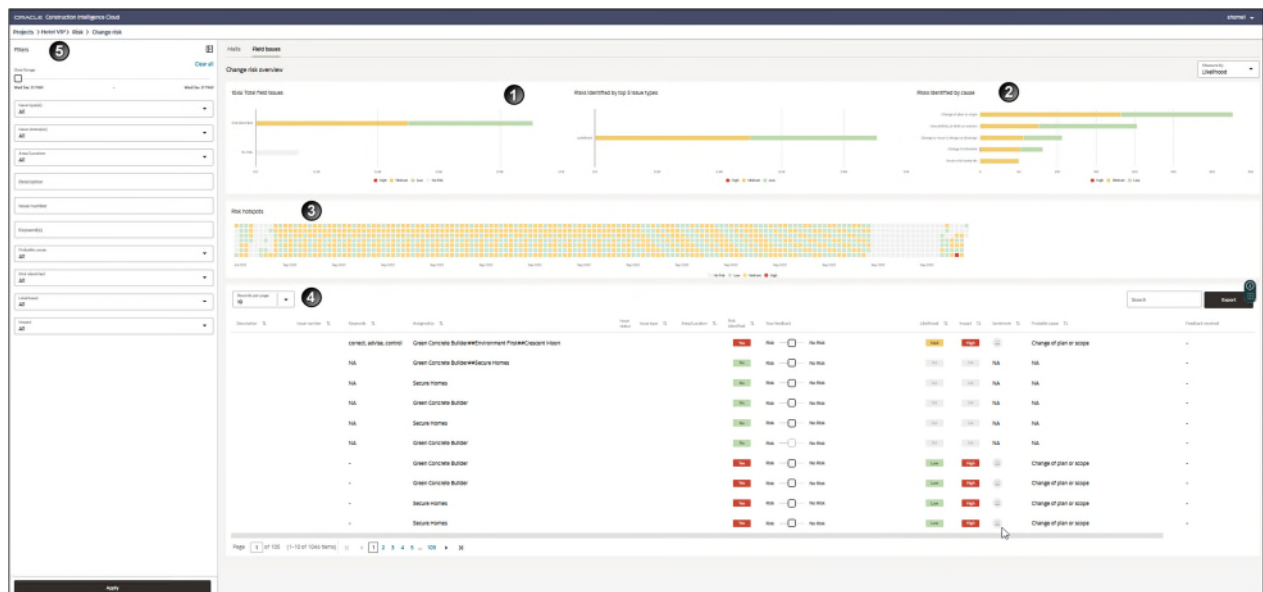
Enter or select values for any of the following filters to locate change risks that meet the criteria listed below:

- ▶ **Date Range:** Use the slider to view change risk in a specific date range.
- ▶ **Mail types:** Select a category of mail type. Defaults to *All*.
- ▶ **Mail number:** Enter the associated unique mail number to locate a specific mail. For example, if you have previous knowledge of a mail, use this filter to locate the specific mail to change the status of a mail as a risk.
- ▶ **Keyword(s):** Enter keywords to discover change risks associated with specific keywords.
- ▶ **Probable cause:** Select a probable cause for the change risk.
- ▶ **Risk identified:** Select whether a risk is identified. Choices include: All (default), Yes, and No.
- ▶ **Likelihood:** Select the likelihood of occurrence of the change risk. Choices include: All (default), High, Medium, and Low.
- ▶ **Impact:** Select the likelihood of the impact of the change risk. Choices include All (default), High, Medium, and Low.

After entering the values, select any of the following actions:

- ▶ Click **Clear All** to reset all the filters to their default values
- ▶ Click **Apply** to view change risk mails that meet the filter criteria.

Change Risks Identified from Field Issues

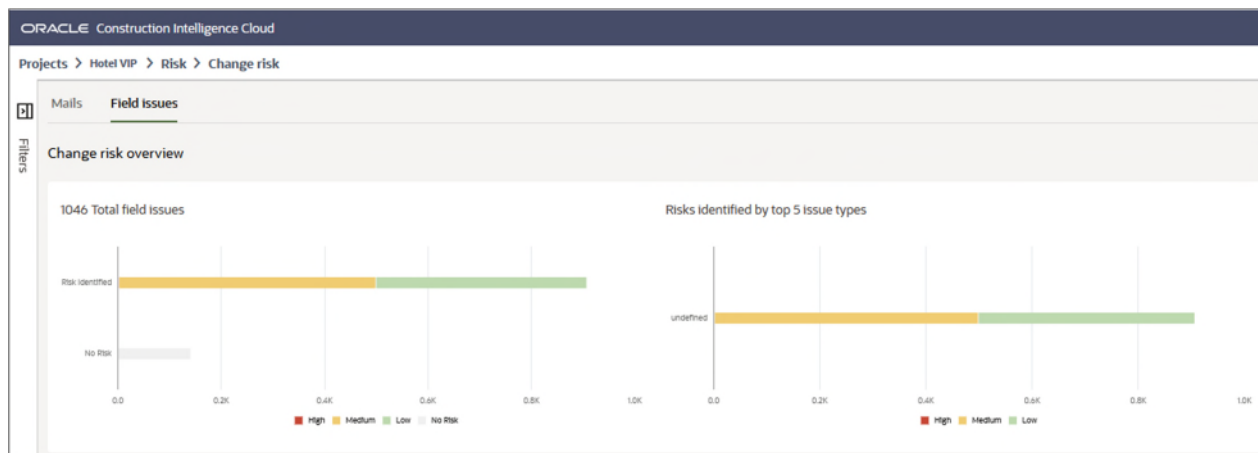


The **Field Issues** tab of the **Change Risk** page provides a detailed analysis and impact arising from change requests for your project. These risks are discovered through issues identified on the field and tracked using Oracle Aconex. Use the **Measure** drop-down list to view the change risk by the **Likelihood** of occurrence or **Impact**.

This page includes the following sections:

Section Number	Section Title
1	Change Risks Identified by Totals and Issue Types
2	Change Risks by Cause
3	Change Risks Hotspots
4	Change Risks Records Table
5	Filters Pane

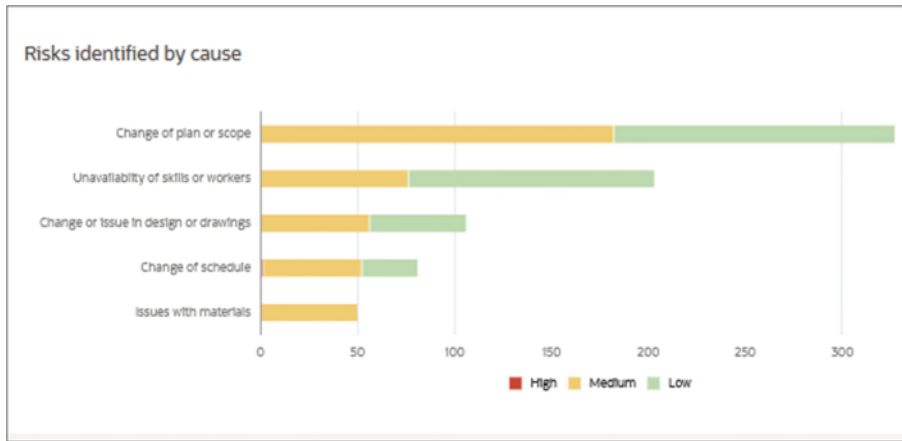
Change Risks Identified by Totals and Issue Types



The **Total Predicted Changes** bar graph displays the total number of change risks identified for your project, organized by severity. The X-axis displays the number of change risks identified for your project. The Y-axis displays the risks identified by severity (*High*, *Medium*, *Low*, and *No Risk*). Hover over the bar graph to view more details.

The **Risks Identified by Process** bar graph displays the number of risks identified using a specific process within the organization. Use this information to understand which process is used extensively by the organization, which alternative process needs to be improved, or what makes it popular as a channel for routing change requests. The X-axis displays the number of change requests identified, and the Y-axis displays the various processes used to gather change requests by the organization. The color of the bar graph indicates the severity (*High*, *Medium*, and *Low*) of the change requests identified using each process.

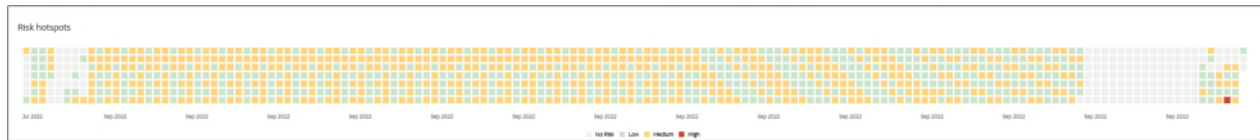
Change Risks Identified by Cause



The **Risks Identified by cause** section identifies the underlying causes for change requests arising in your project. Use this section to analyze your change requests to address and resolve these to reduce the impact on your project.

The bar graph displays the major causes for change requests associated with your project. The X-axis displays the number of change requests, and the Y-axis displays the various risk causes associated with the change requests.

Change Risks Hotspots



The **Risks Hotspots** section displays a chart with risks identified over the length of the project to date. Use this chart to identify change risk hotspots in your project. This chart can also be customized using the filter criteria in the **Field Issues Filters Pane of the Change Risks Page** (on page 75).

Hover your cursor over a hotspot to view the following details for field issues:

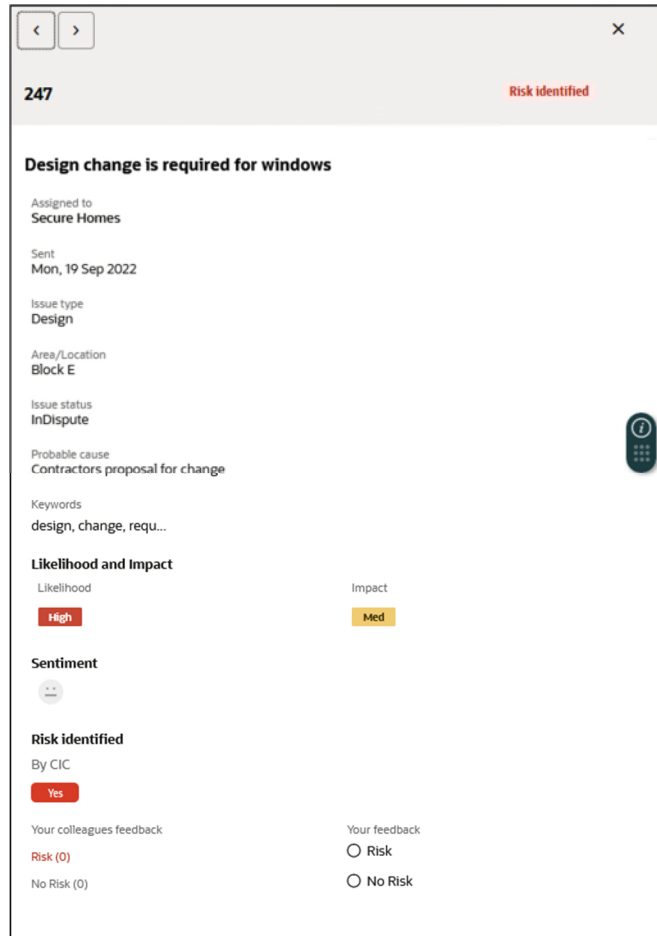
- ▶ **Date:** The date when the field issue was sent to your organization.
- ▶ **Subject:** The subject line of the field issue tracked in the source application.
- ▶ **Mail Type:** The category to which this field issue can be associated.
- ▶ **Likelihood:** The potential of the risk materializing in your project is characterized as either *High*, *Medium*, or *Low*.

Each square represents a mail whose severity is characterized by its color as follows:

- ▶ Grey represents mails that do not contain any change risk
- ▶ Red represents mails that contain change risk of high severity

- ▶ Amber represents mails that contain change risk of medium severity
- ▶ Green represents mails that contain change risk of low severity

Change Risk Details of Field Issues



247 Risk identified

Design change is required for windows

Assigned to
Secure Homes

Sent
Mon, 19 Sep 2022

Issue type
Design

Area/Location
Block E

Issue status
InDispute

Probable cause
Contractors proposal for change

Keywords
design, change, requ...

Likelihood and Impact

Likelihood	Impact
High	Med

Sentiment

☹️

Risk identified

By CIC

Yes

Your colleagues feedback

Risk (0)

No Risk (0)

Your feedback

Risk

No Risk

When you click on a **hotspot** (see "**Change Risks Hotspots**" on page 70), the following information is displayed for a mail with a potential risk of change request identified on the field for your project.

Header Section

In the header, the following information displays:

- ▶ **Mail Number:** The unique alphanumeric mail identification code from the source application.
- ▶ **Risk Indicator:** Identifies whether a risk was identified for the selected mail. Choices include: *Risk identified*, and *No risk*.

Body Section

In the body, the following information displays:

- ▶ **Subject:** The title of the change risk identified in the mail. For example, *Design change required for windows*.
- ▶ **Assigned To:** The name of the organization associated with the identified issue.
- ▶ **Sent:** The date and time that the mail was sent.
- ▶ **Issue type:** A category that the mail can be associated with. For example, *Incomplete work*.
- ▶ **Area/Location:** The geographical location where the issue was identified.
- ▶ **Issue Status:** The current status of the issue. For example, *In dispute*.
- ▶ **Probable cause:** The reason for being identified as a potential change risk on the field.
- ▶ **Keywords:** The keywords included in the content that resulted in the mail being flagged by CIC Advisor as a change risk. For example, *issue, acceptable*.
- ▶ **Likelihood:** The likelihood of occurrence of the change risk. Choices include: *All* (default), *High*, *Medium*, and *Low*.
- ▶ **Impact:** The potential impact identified from the change risk:
 - ▶ Red indicates a high risk
 - ▶ Amber indicates a medium risk
 - ▶ Green indicates a low risk
 - ▶ Grey indicates no impact
- ▶ **Sentiment:** A color-coded emoji that indicates the overall sentiment expressed in the mail as follows:
 - ▶ Red indicates negative sentiment
 - ▶ Green indicates positive sentiment
 - ▶ Grey indicates neutral sentiment
- ▶ **Risk identified:** Indicates whether a risk was identified (*Yes* or *No*), and how the risk was identified. For example, *By CIC*.
- ▶ **Your colleagues feedback:** The number of colleagues who did, and did not identify the issue as a risk.

You can perform any of the following actions:

- ▶ In the **Your feedback** field, indicate whether you perceive the flagged issue as a potential change risk. Select any of the following options: **Risk** or **No Risk**. Your feedback will be used to train CIC Advisor to learn and improve the accuracy of its predictions.
- ▶ Click **View Mail** to review the mail in the source application.

Change Risks Records Table

Description	Issue Number	Keyword(s)	Assigned to	Issue Status	Issue Type	Area / Location	Risk Identified	Your Feedback	Likelihood	Impact	Potential Cause	Feedback Received
Correct, advise, control		Green Concrete Builder#Environment Fyord#Cassere Mann		Risk			<input type="checkbox"/> Risk <input type="checkbox"/> No Risk		Amber	High	Change of plan or scope	-
NA		Green Concrete Builder#Secure Homes		No Risk			<input type="checkbox"/> Risk <input type="checkbox"/> No Risk		Low	NA	NA	-
NA		Secure Homes		No Risk			<input type="checkbox"/> Risk <input type="checkbox"/> No Risk		Low	NA	NA	-
NA		Green Concrete Builder		No Risk			<input type="checkbox"/> Risk <input type="checkbox"/> No Risk		Low	NA	NA	-
NA		Secure Homes		No Risk			<input type="checkbox"/> Risk <input type="checkbox"/> No Risk		Low	NA	NA	-
NA		Green Concrete Builder		No Risk			<input type="checkbox"/> Risk <input type="checkbox"/> No Risk		Low	NA	NA	-
-		Green Concrete Builder		Risk			<input type="checkbox"/> Risk <input type="checkbox"/> No Risk		Amber	High	Change of plan or scope	-
-		Green Concrete Builder		Risk			<input type="checkbox"/> Risk <input type="checkbox"/> No Risk		Amber	High	Change of plan or scope	-
-		Secure Homes		Risk			<input type="checkbox"/> Risk <input type="checkbox"/> No Risk		Amber	High	Change of plan or scope	-
-		Secure Homes		Risk			<input type="checkbox"/> Risk <input type="checkbox"/> No Risk		Amber	High	Change of plan or scope	-

The **Records per Page** (50 by default) table displays all the field issues to-date with a risk for a change request in your project. Select the arrow keys in any column to organize the mails in an ascending or descending order.

The following information is displayed for each field issue:

- ▶ **Description:** A short description about the change risk field issue.
- ▶ **Issue number:** A unique identification number of the field issue.
- ▶ **Keyword(s):** The keywords that were used to discover the field issue.
- ▶ **Assigned to:** The name of the organization associated with the identified issue.
- ▶ **Issue status:** The current status of the issue. For example, *In dispute*, *Ready to inspect*, or *Closed*.
- ▶ **Issue type:** A category that the issue can be associated with. Choices include: *All* (default), *Design*, *Safety*, *Defect*, and *Incomplete work*.
- ▶ **Area / Location:** The geographical location where the issue was identified.
- ▶ **Risk identified:** Indicates if a risk has been identified for the issue.
- ▶ **Your feedback:** Provide your feedback if the issue is incorrectly classified as a risk. Your feedback will be used to train CIC Advisor to learn and improve the accuracy of its predictions.
 - ▶ Slide to the right to indicate **No Risk**
 - ▶ Slide to the left to indicate a **Risk**
 - ▶ No feedback implies it will be considered as a potential risk, and for all model calculation purposes it will be considered as a valid risk.
- ▶ **Likelihood:** The likelihood of occurrence of this change risk:
 - ▶ Red indicates a high risk
 - ▶ Amber indicates a medium risk
 - ▶ Green indicates a low risk
 - ▶ Grey indicates no likelihood
- ▶ **Impact:** The potential impact identified from the change risk:
 - ▶ Red indicates a high risk
 - ▶ Amber indicates a medium risk
 - ▶ Green indicates a low risk

- ▶ Grey indicates no impact
- ▶ **Sentiment:** A color-coded emoji to indicate the overall sentiment expressed in the mail as follows:
 - ▶ Red indicates negative sentiment
 - ▶ Grey indicates neutral sentiment
 - ▶ Green indicates positive sentiment
- ▶ **Probable cause:** The reason for being identified as a potential change risk on the field.
- ▶ **Feedback received:** The date on which the feedback was received.

Perform any of the following actions:

- ▶ In the **Search** field, enter a search string and press the Enter key to view a list of field issues that meet your search criteria.
- ▶ Click **Export** to save the records in an Excel file (.xlsx)

Field Issues Filters Pane of the Change Risks Page

ORACLE Construction Intelligence Cloud

Projects > Hotel VIP > Risk > Change risk

Filters ⌵

[Clear all](#)

Date Range

Wed Dec 31 1969 - Wed Dec 31 1969

Issue type(s)
All

Issue status(es)
All

Area/Location
All

Description

Issue number

Keyword(s)

Probable cause
All

Risk identified
All

Likelihood
All

Apply

Enter or select values for any of the following filters:

- ▶ **Issue type(s):** Select an issue type category. Choices include: *All* (default), or any other category based on your projects.
- ▶ **Issue status(es):** Select a issue type category from the drop-down list. Choices include: *All* (default), *Open*, *Work done*, *In dispute*, *Ready to inspect*, and *Closed*.
- ▶ **Area location:** Select a location associated with the field issues that you want to focus on.
- ▶ **Description:** Enter a search term to locate a specific issue.

- ▶ **Issue number:** Enter a partial or an exact issue number term to locate issues. Use the % sign to conduct a wild-card search on the issue number.
- ▶ **Keyword(s):** Enter keywords to discover change risks associated with specific keywords.
- ▶ **Probable Cause:** Select a probable cause for the change risk. For example, change in specification.
- ▶ **Risk Identified:** Select whether a risk is identified. Choices include: All (default), Yes, and No.
- ▶ **Likelihood:** Select the likelihood of occurrence of the change risk. Choices include: All (default), High, Medium, and Low.
- ▶ **Impact:** Select the likelihood of the impact of the change risk. Choices include All (default), High, Medium, and Low.

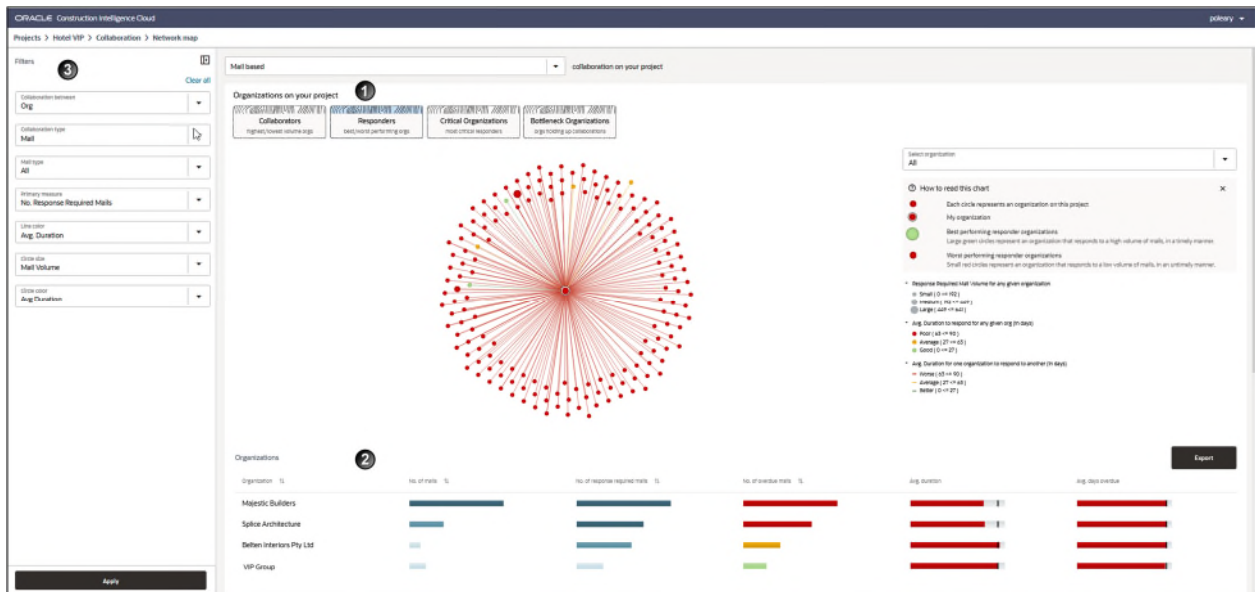
After entering the values, select any of the following actions:

- ▶ Select **Clear All** to reset all the filters to their default values.
- ▶ Select **Apply** to view litigious issues that meet the filter criteria.

Collaboration Performance Page

How to Get Here

- 1) Sign in to Construction Intelligence Cloud Advisor.
- 2) On the **Project listings** page, select the **Collaboration** KPI of a project.



Purpose

Construction projects collaborate with multiple vendors and organizations to secure materials, designs, and services. The **Collaboration Performance** page displays insights on how well your stakeholders collaborate and engage with each other throughout the life cycle of the project.





Select any of the following options as the measure of collaboration performance from the drop-down list:

- ▶ **Mail-based:** Select this option to measure collaboration using the volume of mails exchanged with each other
- ▶ **Review-based:** Select this option to measure collaboration between organizations during the document review process.

Use this page to identify:

- ▶ organizations that collaborate consistently and efficiently on your project
- ▶ organizations that can improve their degree of collaboration

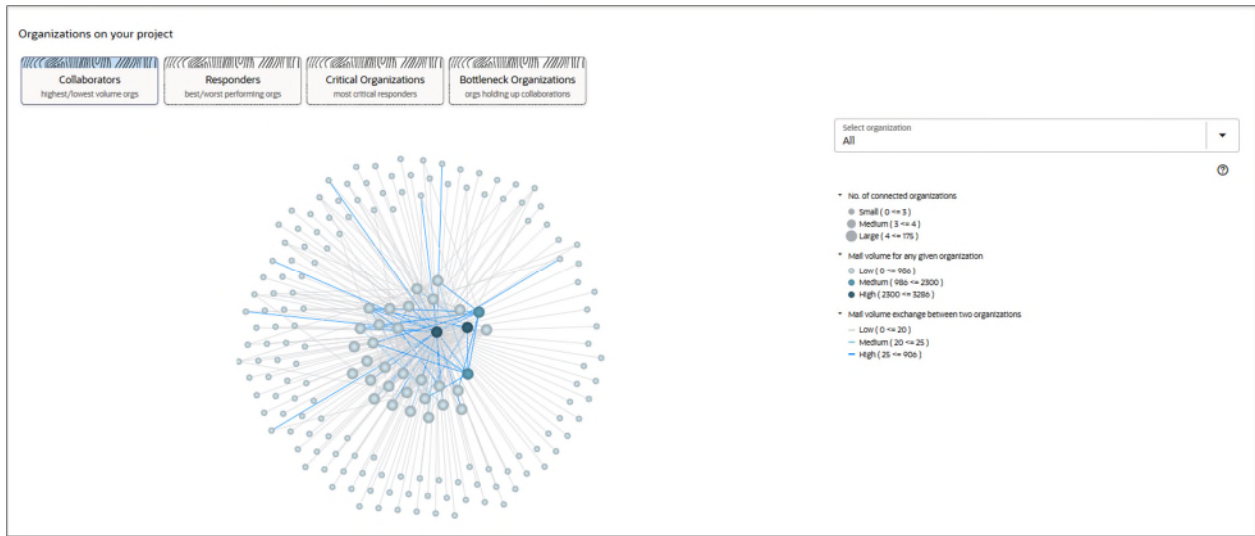
Select any of the following buttons to:

- ▶ **Collaborators** : View a network map of organizations that are good, average, and poor collaborators based on volume of mails.
- ▶ **Responders** : View a network map of organizations based on their responsiveness in terms of days.
- ▶ **Critical Organizations** : View a network map of organizations whose communications are critical to your project.
- ▶ **Bottleneck Organizations** : View a network map of organizations that need to improve their communication for your project.

It includes the following sections:

Section Number	Section Title
1	<i>Organizations on your Project Section</i> (on page 78)
2	<i>Mail Collaboration Records Table</i> (on page 79) and <i>Review Collaboration Records Table</i> (on page 80)
3	<i>Mail Collaboration Filters</i> (on page 80) and <i>Review Collaboration Filters</i> (on page 82)

Organizations on your Project Section



Purpose

The **Organizations on this Project** section rates organizations based on their efforts in collaborating with you in your current project. Each circle represents a collaborator. The size of the circle represents the level of collaboration exercised by the organization. Therefore, larger the circle, the greater is the level of collaboration.

The degree of collaboration is measured in terms of an organization's responsiveness in days.

Organizations are rated as follows:

- ▶ **Good:** An organization is rated as a good collaborator if it collaborates more than 60% of the total project collaboration. Indicated in dark blue.
- ▶ **Average:** An organization is rated as a good collaborator if it collaborates 30% - 60% of the total project collaboration. Indicated in light blue..
- ▶ **Poor:** An organization is rated as a good collaborator if it collaborates 0% - 30% of the total project collaboration. Indicated in grey.

For example, a large light blue colored circle indicates an organization collaborates between 30 - 60% of the time on your project and can be considered as an average collaborator.

Note: The range for classifying the organizations in the above categories can be modified as per your organization's requirements in the CIC Advisor Administration application. Contact your CIC Advisor administrator to make appropriate changes.

Mail Collaboration Records Table

Organization	No. of mails	No. of response required mails	No. of overdue mails	Avg. duration	Avg. days overdue
Splice Architecture					
Majestic Builders					
Aura					
Prestige					
Belten Interiors Pty Ltd					
Embassy					
美隆置业					
Demo Instance Administration					
Salarpuria					
VIP Group					
Brigade					
Mantri					
Piramal					
Enoice Consulting Engineers					
Purva					
Arkittera					
Four Seasons					
Apex Mechanical					
Rand Resources					
Connery Formwork					

Page 1 of 9 (1-20 of 178 items) |< 1 2 3 4 5 - 9 >|

Purpose

The mail-based collaboration records table displays a list of organizations that collaborate on your project by evaluating the volume of mails associated with your project. This identifies the information displayed in the network map in a tabular format. Hover your cursor over the bars to view details.

The following information is displayed for each organization:

- ▶ **No. of mails:** Displays the number of mails exchanged by volume.
- ▶ **No. of response required mails:** Displays the number of mails that require a response from the organization.
- ▶ **No. of overdue mails:** Displays the number of mails whose response is overdue by the organization.
- ▶ **Avg. duration:** Displays the average number of days taken to respond to mails by an organization.
- ▶ ***Project avg. duration:** The average number of days a mail stays overdue on that project.
- ▶ ***Avg. days overdue:** Displays the average number of days overdue to respond to mails by an organization.
- ▶ ***Project avg. days overdue:** The average number of days a mail stays overdue on that project.

***Tip:** To view all the columns, click **Export** to download and save as an Excel spreadsheet.

Use the arrows in the column header to sort the information in the ascending or descending order.

Review Collaboration Records Table

Organization	Total reviews	Pending reviews	Overdue reviews	Efficiency
Mosaic Builders	High	Low	Low	High
Splice Architecture	High	Low	High	High
Enrice Consulting Engineers	Low	Low	Low	Low
Apex Mechanical	Low	Low	Low	Low

Purpose

The review-based collaboration records table displays a list of organizations that collaborate on your project by capturing the number of reviews that each organization goes through during the documentation review process. This identifies the information displayed in the network map in a tabular format. Hover your cursor over the bars to view details.

The following information is displayed for each organization:


- ▶ **Organization:** The unique ID of the organization.
- ▶ **Total reviews:** The total number of reviews associated with each organization.
- ▶ **Pending reviews:** The number of pending reviews associated with each organization.
- ▶ **Overdue reviews:** The number of overdue reviews associated with each organization.
- ▶ **Efficiency:** Efficiency of each organization is the ratio of the expected number of days to complete a workflow / Actual number of days to complete a workflow.
- ▶ ***Avg. duration:** The average number of days an organization takes to complete the review.
- ▶ ***Avg. days overdue:** The average number of days an organization is late in completing a review.
- ▶ ***Project avg. duration:** The average number of days taken to respond to mails by the organizations on the project.
- ▶ *** Project avg. days overdue:** The average number of days a review stays overdue on that project.

***Tip:** To view all the columns, click **Export** to download and save as an Excel spreadsheet.

Use the arrows in the column header to sort the information in the ascending or descending order.

Mail Collaboration Filters

Use the **Filters** pane on the **Network Map** page to focus on a subset of organizations you collaborate with for your project.

Tip: Select  **Toggle** to display or hide the filter pane on the page.

If you choose to explore mail-based collaboration, the following filters display.

ORACLE Construction Intelligence Cloud

Projects > Hotel VIP > Collaboration

Filters 13

[Clear all](#)

Collaboration between
Org

Mail type
All

Primary measure
No. of mails

Line color
Volume

Circle size
No. of connected orgs

Circle color
Mail volume

Apply

Enter values for the following filters to customize the network map.

- ▶ **Collaboration between:** Displays *Org* as the default value
- ▶ **Mail type:** Select a category of mail type. Defaults to *All*.
- ▶ **Primary Measure:** Select the primary measure used to evaluate collaboration between organizations. Select *No. of Mails* (default), *No. Response Required mails*.
- ▶ **Line Color:** Displays *Avg. Response time* as the default value.
- ▶ **Circle Size:** Displays *No. of connected orgs* as the default value.
- ▶ **Circle Color:** Displays *Mail Volume* as the default value.

After entering the values, select any of the following actions:

- ▶ Click **Clear All** to reset all the filters to their default values.
- ▶ Click **Apply** to view change risk mails that meet the filter criteria.

Review Collaboration Filters

If you choose to explore review-based collaboration, the following filters display.

The screenshot shows the Oracle Construction Intelligence Cloud interface. At the top, it says 'ORACLE Construction Intelligence Cloud'. Below that is a breadcrumb trail: 'Projects > Hotel VIP > Collaboration > Network map'. The main section is titled 'Filters' and contains several dropdown menus: 'Collaboration between' (set to 'Org'), 'Discipline' (set to 'All'), 'Primary measure by' (set to 'Total Reviews'), 'Circle size' (set to 'Volume'), 'Circle color' (set to 'Efficiency'), and 'Line color' (set to 'Avg. Response time'). There is a 'Clear all' link to the right of the filters. At the bottom of the panel is an 'Apply' button.

Enter values for the following filters to customize the network map.

- ▶ **Collaboration Between:** Displays *Org* as the default value.
- ▶ **Discipline:** Displays disciplines of documents that are a part of reviews on the project. Displays *All* as the default value.
- ▶ **Primary Measure by:** Select the primary measure used to evaluate collaboration between organizations. Select *Total reviews* (default), *Total reviews*, or *Total reviews*.
- ▶ **Circle Size:** Displays *Volume* as the default value.
- ▶ **Circle Color:** Displays *Efficiency* as the default value.
- ▶ **Line Color:** Displays *Avg. Response time* as the default value.

After entering the values, select any of the following actions:

- ▶ Click **Clear All** to reset all the filters to their default values.
- ▶ Click **Apply** to view change risk mails that meet the filter criteria.

Access Other Smart Construction Platform Applications

The Oracle Construction and Engineering applications that are included in the Smart Construction Platform are accessible from the product banner to enable you to access your projects across all your applications with ease.

To access the **Smart Construction Application** panel, in the application banner, select  **Switch Applications**.

The content that displays in the panel depends on what other applications and projects you have access to.

- ▶ **Applications for Current Project:** Lists all the applications that have a link to the project that you currently have open and have access to.
- ▶ **Other Available Applications:** Lists all the other applications that you have access to.

If you don't have access to any other applications, you are presented with more information about the applications that you could be using.

To open the **Oracle Construction and Engineering Lobby**, select **View all Projects**.

FAQs

What is the Smart Construction Platform?

Watch this brief *Smart Construction Platform Overview video*.

(https://players.brightcove.net/2985902027001/default_default/index.html?videoId=6300994864001)

I have access to the same project in multiple products, but I don't see a link to that project in the application switcher?

A link for the project between the multiple applications must be created in the Construction and Engineering Lobby by a Lobby administrator.

Learn more in the *Construction and Engineering Lobby Help* (https://docs.oracle.com/cd/F23711_01/help/en/202246.htm).

Why do I see the same application listed in both my Applications for Current Project list and my Other Available Applications list?

You have access to the same application but in different instances of that application. For example, one instance may be hosted on a US data center and another may be hosted on an Australian data center.

I have access to other Oracle Construction and Engineering applications. Why don't I see them here?

Only applications included in the Smart Construction Platform are available through the Switch Applications panel.

To learn more about the Smart Construction Platform applications, visit us on **Oracle Help Center** (<https://docs.oracle.com/en/industries/construction-engineering/index.html>).