



Axnosis

Demo script – Enterprise Risk Mobile App

Microsoft Dynamics 365 FO



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Foreword

ISO 31000 (2009) / ISO Guide 73:2002 definition of risk is the 'effect of uncertainty on objectives'. Therefore, risk has the potential of gaining or losing something of value. There is normally an initial risk (inherent) before controls are applied. After application, risk should reduce or remain to an acceptable risk (residual) value.

Risk can also be defined as the intentional interaction with uncertainty. Uncertainty is a potential, unpredictable, and uncontrollable outcome; risk is a consequence of action taken in spite of uncertainty.

In proper risk management, a prioritization process is followed whereby the risks with the greatest possible loss (or impact) and the greatest probability of occurring are handled first, and risks with lower probability and loss are dealt with later. In practice the process of assessing risk can be difficult as well as balancing of resources to mitigate between risks with a high probability of occurrence but lower loss versus a risk with high loss but lower probability of occurrence.

Risk management also faces difficulties in allocating resources. This is the idea of opportunity cost. Resources spent on risk management could have been spent on more profitable activities. Again, ideal risk management minimizes spending (or manpower or other resources) and also minimizes the negative effects of risks.

Enterprise Risk Management is defined as an organization's ability to understand, control, and articulate the nature and level of risks taken in pursuit of business strategies, coupled with accountability for risks taken and activities engaged in. One of the main benefits of ERM is an enhanced perspective and focus on risk management across the enterprise.

Operational risk Management is defined as an uncertainty or hazard associated with the delivery of specific project, program, job, or operational objectives, and includes risks inherent to the day-to-day operation of an enterprise. It can include internal risk method statement and external events such as an incident.

To assist the process, a mobile app exists to support the above offline functionality and the App engages directly with OHS 365 - a sub-module inside Dynamics 365 FO.

Related Documentation

DOCUMENT NAME	DATE	REVISION	AUTHOR
TEST SCRIPT - ENTERPRISE RISK MANAGEMENT – GRC000	22/08/2022	5.14	HANNES STRYDOM
TEST SCRIPT - OPERATIONAL RISK MANAGEMENT – GRC0001	16/08/2022	5.10	HANNES STRYDOM

Table 1: Related Documentation

Change and Version History

DATE	VERSION	AUTHOR	CHANGES REQUESTED BY
01/09/2022	2	KRISTIAN JORDAAN	RIAAN VAN DER BERG
12/03/2025	3	KAYLEN VAN DER BERG	RIAAN VAN DER BERG

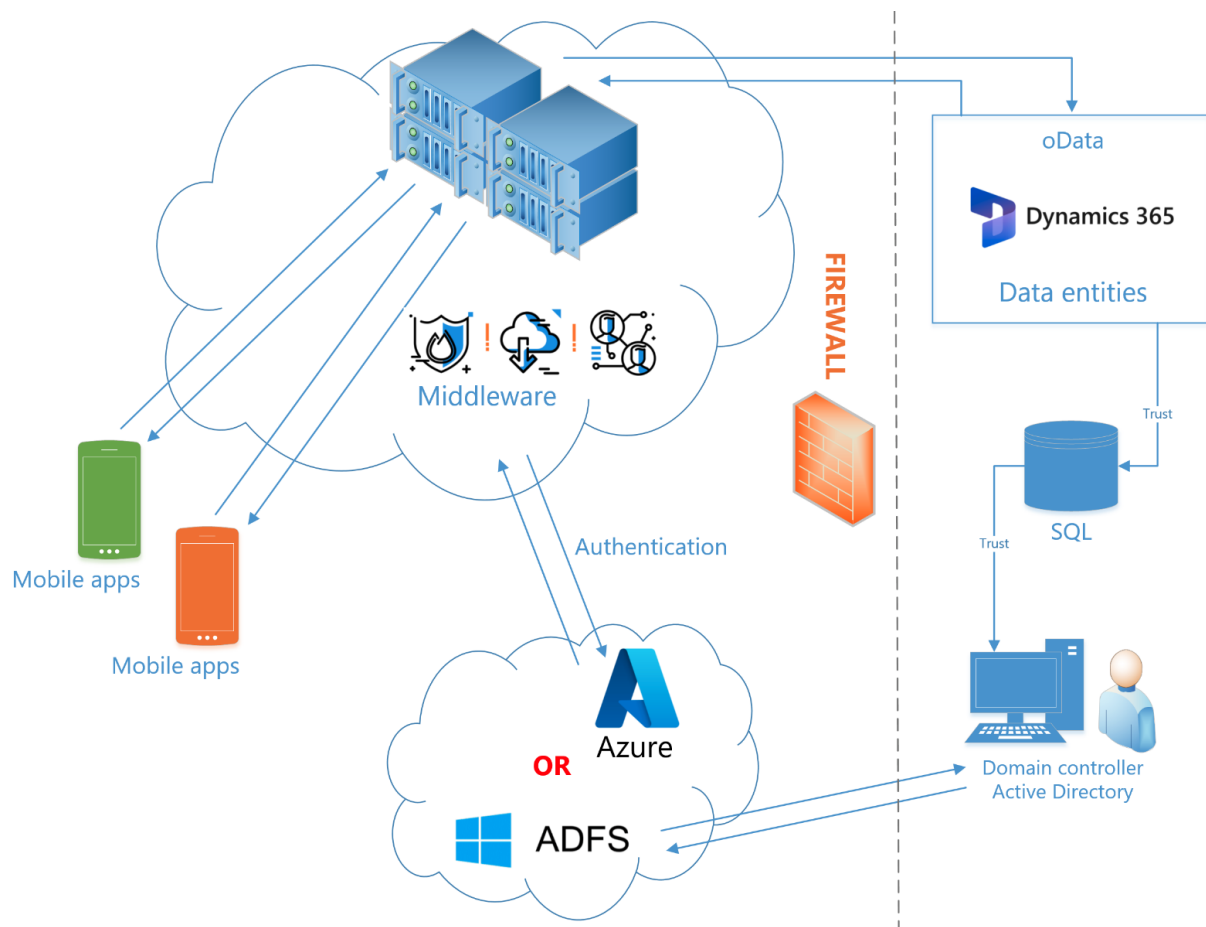
Table 2: Change and Version History

Table of Contents

FOREWORD	2
1. TECHNOLOGY	5
2. DEMO SETUP	6
3. DEMO SCRIPT	7
3.1 DEMO BACKGROUND	7
3.1.1 RECORDING A RISK ASSESSMENT VIA THE D365 ENTERPRISE RISK MOBILE APP	8
3.1.2 VIEWING THE “MOBILE CREATED” RISK REGISTER INSIDE D365	16
3.1.3 VIEWING THE RISK REGISTER DETAILS ON THE MOBILE DEVICE	18
3.1.4 VIEWING THE TOP TEN RISK LINES ON THE MOBILE DEVICE	19
3.1.5 VIEWING THE RISK ANALYSIS ON THE MOBILE DEVICE	20
3.1.6 VIEW THE OPTIONS UNDER THE ELLIPSIS	21

1. Technology

- Microsoft Dynamics 365 (D365 for Finance and Operations)
 - OHS & GRC modules
- Ionic/Angular standalone applications
 - ERM mobile application



2. Demo setup

- This script is written for use with D365 for Finance and Operations and Axnosis Enterprise risk mobile app.
- The user must download either of the following mobile applications, dependent on the phone type to be used:
 - Android (Samsung, etc)
 - iOS (Apple)
- The apps can be downloaded from:
 - Android: Play Store
 - iOS: TestFlight
- The user must have a valid D365, for Finance and Operations, license:
 - Environment: Same D365 environment as used for transacting
 - Company: Defaults to the user setup in D365
- The users should be able to successfully login to the app by using the same login details as used for D365 for Finance and Operations. The relevant restrictions and legal entity allocations on D365 for Finance and Operations will be applied on the mobile app sessions. The same user security roles will permit/exclude the user's right to capture events on the app.
- Whenever a new app update is required to be installed on the mobile phone, first ensure:
 - Previous app installations are uninstalled
 - Clear the mobile phone's cache (Android)
 - Remove all previous downloads of the application from the phone's download folder
 - Re-install the application and use

3. Demo script

3.1 Demo background

Risk can be defined as the 'effect of uncertainty on objectives' according to ISO 31000 (2009) / ISO Guide 73:2002. The ability is there to lose something that is deemed valuable to the entity. There are two (2) types of risk:

- Inherent risk – the initial risk that exist before any controls or risk mitigation procedures are implemented.
- Residual risk – This is the level of risk which the entity is willing to accept after the above-mentioned controls have been implemented.

To perform risk management, potential risks need to be measured to prioritize certain risks. The following two (2) aspects are used to measure the level/priority of risk:

- Impact – Amount of possible loss.
- Likelihood – Probability of the risk occurring.


The risk with the highest impact and likelihood scores needs to be addressed first.

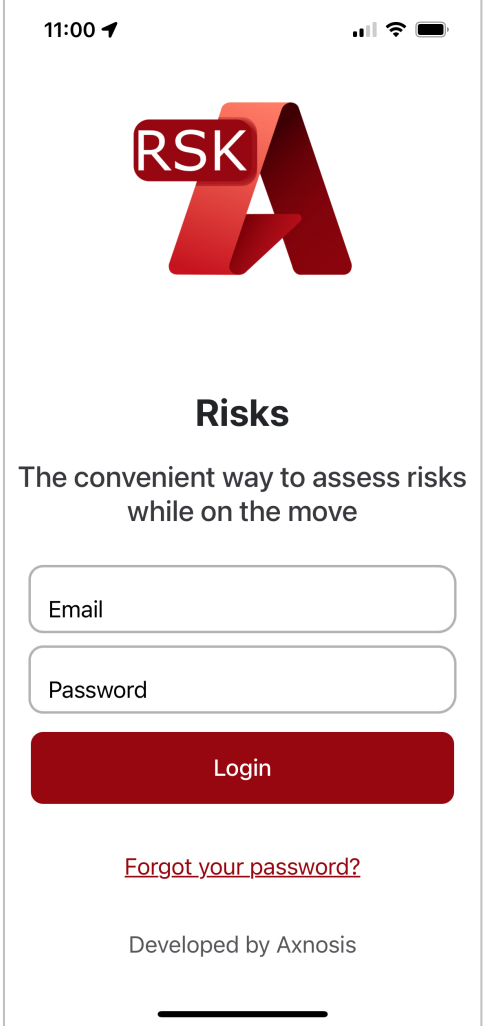
Thereafter, the number of resources available should also be considered when planning to assess a loss, along with the abovementioned priority rating.

Risk management also faces additional difficulties in allocating resources, namely the concept of opportunity cost. Resources spent on risk management could have been spent on more profitable activities.

- It is assumed that D365 OHS and GRC modules are installed on D365.

3.1.1 Recording a risk assessment via the D365 Enterprise risk mobile app

TALKING POINTS AND STEPS	MOBILE APP
<p>The user takes out his/her mobile phone and taps on the Risk (RSK) icon.</p>	

TALKING POINTS AND STEPS	MOBILE APP
<p>The logo on the login screen appears ...</p> <p>The user's D365 login details (Username and Password) are entered and used by the app for validation.</p> <p>The user then taps on the Login button to log into the app session.</p>	

If multi-factor authentication has been enabled for the organization, Microsoft sign in may be required in addition to the application sign in. During the initial sign in, the Microsoft sign in may have to be completed twice.

The Microsoft sign in will not be required during every sign in to the mobile application. Sign in to Microsoft will be required during initial sign in; after sign in expiry and after a user has opted to manually sign out of the Laboratory application.

Enter the **Microsoft email account** and click on the **Next** button to continue.



Sign in

julene.vaneeden@axnosis.com|

[Can't access your account?](#)

Next



Sign-in options

[Terms of use](#) [Privacy & cookies](#) ...

Enter the **password** for the Microsoft account entered.

Click on the **Sign in** button to continue.



← julene.vaneeden@axnosis.com

Enter password

.....|

[Forgot my password](#)

Sign in

[Terms of use](#) [Privacy & cookies](#) ...


If multi-factor authentication is enabled, the **authentication number** may be displayed.

Take note of the number for entry in the authenticator app.



julene.vaneeden@axnosis.com

Approve sign in request

 Open your Authenticator app, and enter the number shown to sign in.

88

No numbers in your app? Make sure to upgrade to the latest version.

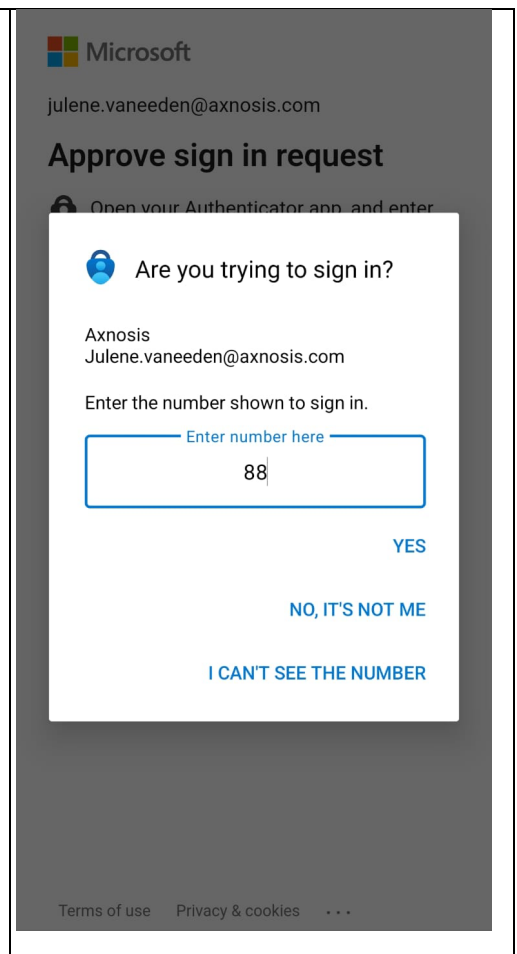
[I can't use my Microsoft Authenticator app right now](#)

[More information](#)

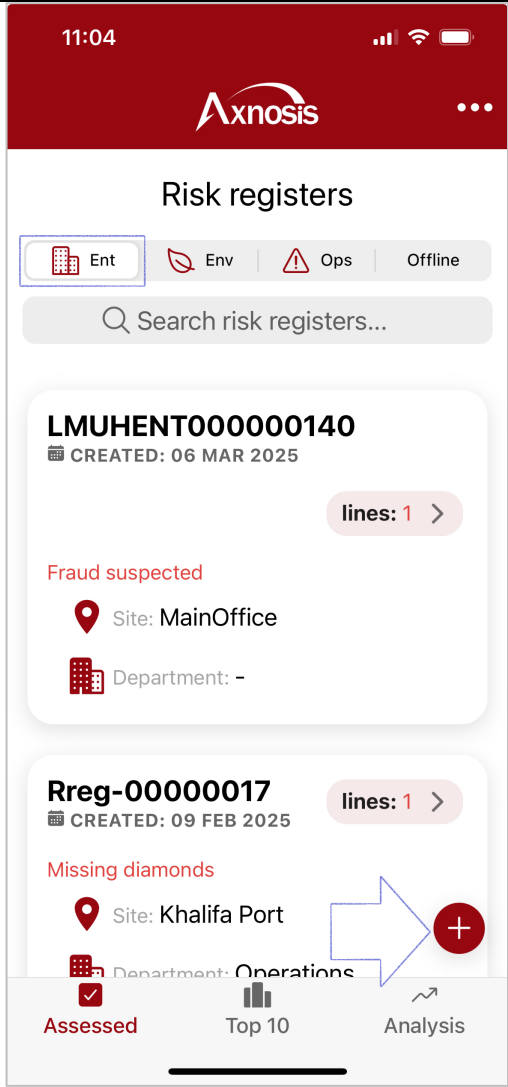
[Terms of use](#) [Privacy & cookies](#) ...

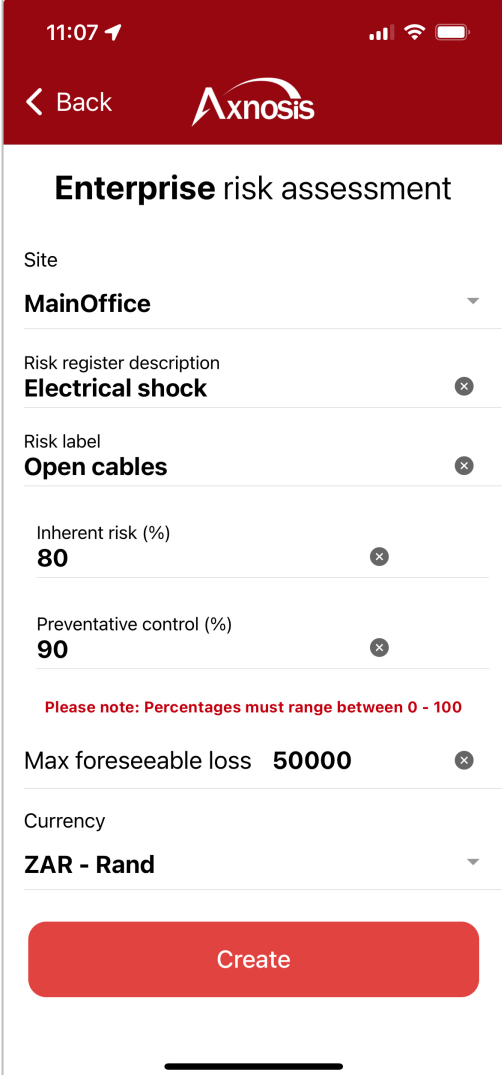
A notification may appear requiring the authentication number to be entered or the user may opt to access the authenticator app manually to complete the authentication process.

Enter the **authentication number** previously provided to approve the sign in then click on the **Yes** button to continue.



The screenshot shows a Microsoft authentication interface. At the top, it says 'Microsoft' with the logo, followed by the email 'julene.vaneeden@axnosis.com'. Below this is the heading 'Approve sign in request'. A sub-header says 'Open your Authenticator app, and enter'. A white modal box is centered on the screen with the title 'Are you trying to sign in?'. Inside the modal, it lists 'Axnosis' and 'Julene.vaneeden@axnosis.com', followed by the instruction 'Enter the number shown to sign in.'. There is a text input field with the placeholder 'Enter number here' and the value '88'. Below the input field are three buttons: 'YES', 'NO, IT'S NOT ME', and 'I CAN'T SEE THE NUMBER'. At the bottom of the screen, there are links for 'Terms of use', 'Privacy & cookies', and a three-dot menu.

TALKING POINTS AND STEPS	MOBILE APP
<p>The Risk Registers screen opens where the user can see all the online and offline risk registers that have been created via the Risk app and through D365.</p> <p>To create a new Enterprise risk register:</p> <ul style="list-style-type: none"> At the top of the screen, tap on the Ent icon Tap on the + button at the bottom of the screen. <p>NB: Note that to be able to create an environmental (ENV)/operational (OPS) risk register, follow the same process as above under the applicable tab.</p>	

TALKING POINTS AND STEPS	MOBILE APP
<p>The Enterprise risk assessment screen opens, and the user can enter the following information:</p> <ul style="list-style-type: none"> • Site • Department • Risk register description • Risk label • Risk owner • Inherent risk percentage • Preventative control percentage • Max foreseeable loss value • Currency <p>Tap on the Create button.</p> <p>(A red line indicates a field that is mandatory for the risk assessment to be completed)</p>	

3.1.2 Viewing the “mobile created” Risk register inside D365

TALKING POINTS AND STEPS	DYNAMICS OHS 365 MODULE																																																																													
<p>The mobile created risk assessment can be viewed inside D365 – log into D365 and navigate to the GRC module.</p> <p>Go to: GRC > Risk > Registers > All enterprise risk registers</p> <p>Select the Risk register that you want to see the details of.</p>	<div><div><div><div><div></div><div>Delete</div></div><div><div></div><div>Workflow</div></div><div><div></div><div>Risk register</div></div><div><div></div><div>Options</div></div><div><div></div><div></div></div></div><div><div></div><div>All enterprise risk registers</div></div><div><div>Standard view</div><div></div></div><div><div><div>Filter</div><div>Show</div><div>Open</div></div></div><table><tr><th><div></div></th><th>Parent</th><th>Risk register</th><th>Status</th><th>Lines</th><th>Date created</th><th>Site</th><th>Department</th><th>Description</th><th>Class</th><th>Name</th></tr><tr><td><div></div></td><td></td><td>LMUHENT000000141</td><td>Created</td><td>1</td><td>3/12/2025</td><td>MainOffice</td><td></td><td>Electrical shock</td><td>Enterprise</td><td>Noelene Cilliers</td></tr><tr><td></td><td></td><td>LMUHENT000000140</td><td>Created</td><td>1</td><td>3/6/2025</td><td>MainOffice</td><td></td><td>Fraud suspected</td><td>Enterprise</td><td>Noelene Cilliers</td></tr><tr><td></td><td></td><td>Rreg-00000017</td><td>Created</td><td>1</td><td>2/9/2025</td><td>KP</td><td>Operations</td><td>Missing diamonds</td><td>Enterprise</td><td>Hannes Strydom</td></tr><tr><td></td><td></td><td>LMUHENT000000138</td><td>Created</td><td>2</td><td>12/2/2024</td><td>Duxford</td><td>Operations</td><td>22 Nov RR</td><td>Enterprise</td><td>Hannes Strydom</td></tr><tr><td></td><td></td><td>LMUHENT000000137</td><td>Submitted</td><td>1</td><td>9/6/2024</td><td>001SiloMBY</td><td>Finance</td><td>2024 Company wellbeing</td><td>Enterprise</td><td>Hannes Strydom</td></tr><tr><td></td><td></td><td>LMUHENT000000136</td><td>Created</td><td>3</td><td>9/5/2024</td><td>007</td><td>Bel Air</td><td>2024 C2</td><td>Enterprise</td><td>Hannes Strydom</td></tr></table></div></div>	<div></div>	Parent	Risk register	Status	Lines	Date created	Site	Department	Description	Class	Name	<div></div>		LMUHENT000000141	Created	1	3/12/2025	MainOffice		Electrical shock	Enterprise	Noelene Cilliers			LMUHENT000000140	Created	1	3/6/2025	MainOffice		Fraud suspected	Enterprise	Noelene Cilliers			Rreg-00000017	Created	1	2/9/2025	KP	Operations	Missing diamonds	Enterprise	Hannes Strydom			LMUHENT000000138	Created	2	12/2/2024	Duxford	Operations	22 Nov RR	Enterprise	Hannes Strydom			LMUHENT000000137	Submitted	1	9/6/2024	001SiloMBY	Finance	2024 Company wellbeing	Enterprise	Hannes Strydom			LMUHENT000000136	Created	3	9/5/2024	007	Bel Air	2024 C2	Enterprise	Hannes Strydom
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Demo script – Enterprise Risk Mobile App draft

Microsoft Dynamics 365 FO

TALKING POINTS AND STEPS

Open on the **Lines** view to see the risk lines and edit the details on the Line-item Fast Tabs

More risks/lines can be added to the Risk register.

Save after updating and editing the line items under the register.

DYNAMICS OHS 365 MODULE

← ≡ Save Delete Workflow Risk register detail Options

Risk register | Standard view

LMUHENT000000141 : Electrical shock Created

Lines Header

RISK REGISTER

Class: Enterprise Type: Date created: 3/12/2025 Status: Created Approved date: Next review date: Baseline: No

RISKS

Top 0

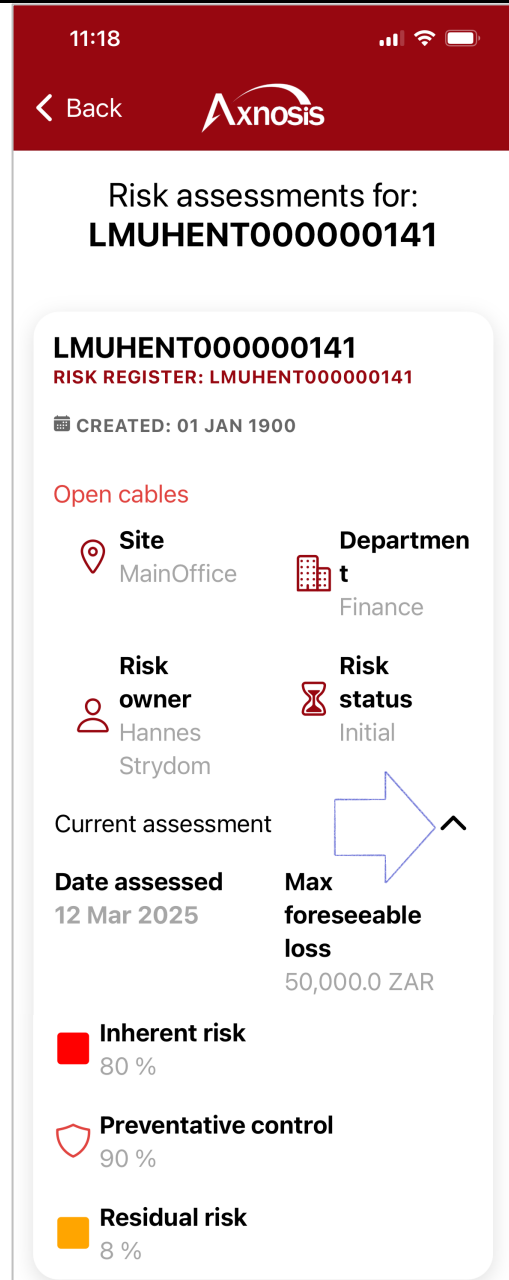
+ Add Remove Bowtie focus

Risk	Label	Initial risk	Residual risk
LMUHENT000000141	Open cables		

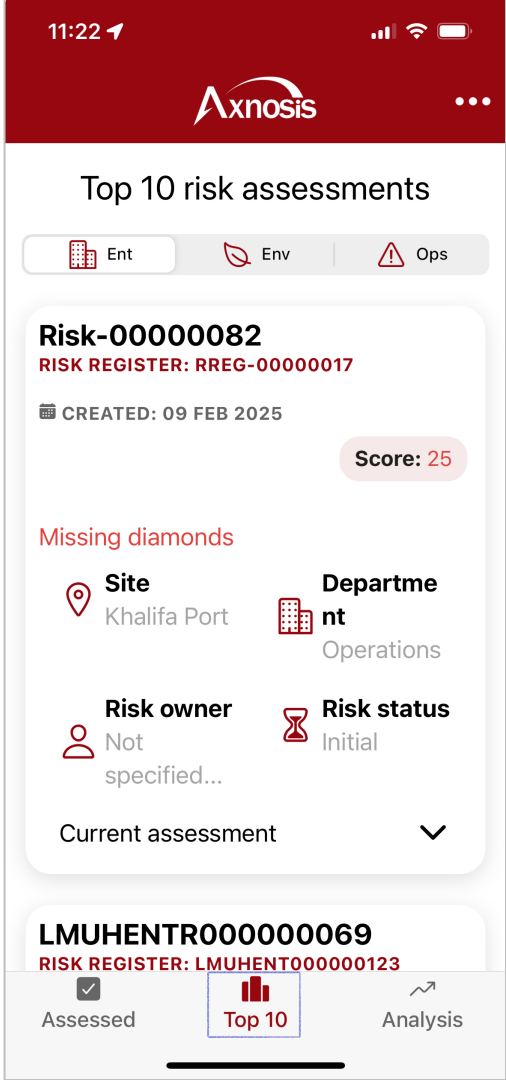
LMUHENT000000141 : Open cables

General Assessment guidance Risk outcomes Initial risk

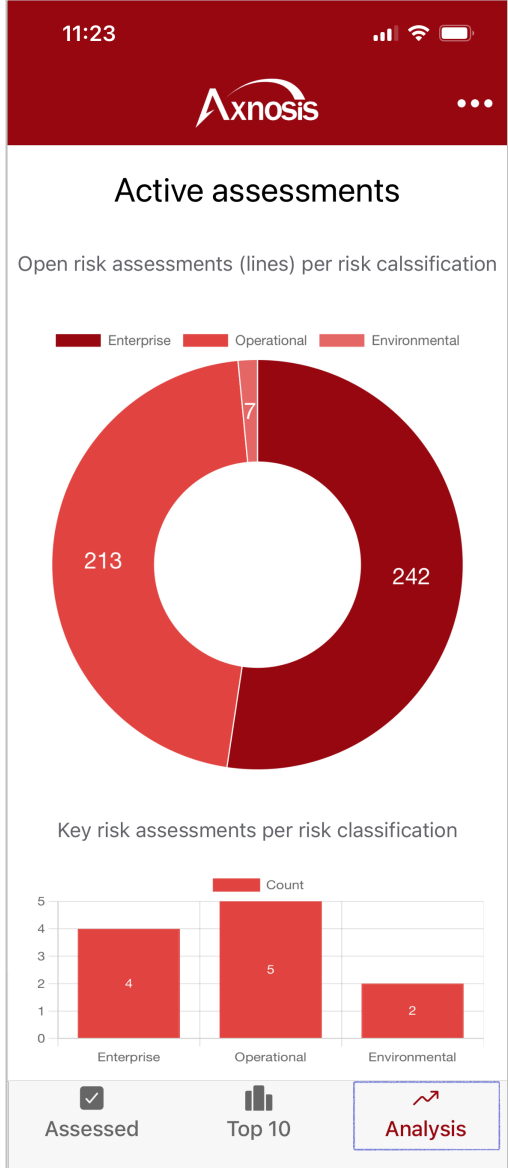
3.1.3 Viewing the risk register details on the mobile device

TALKING POINTS AND STEPS	MOBILE APP
<p>The new risk register will now be on the Risk Registers screen.</p> <p>Tap on the relevant risk register to see the details.</p> <p>Tap on the arrow next to Current assessment to see additional details to the line risk items.</p>	 <p>The screenshot shows the Axnosis mobile app interface. At the top, the status bar displays 11:18, signal strength, Wi-Fi, and battery. The app header is red with a 'Back' button and the Axnosis logo. The main content area is white and displays 'Risk assessments for: LMUHENT000000141'. Below this, a card for 'LMUHENT000000141' shows 'RISK REGISTER: LMUHENT000000141' and 'CREATED: 01 JAN 1900'. The card lists 'Open cables' with details for 'Site' (MainOffice), 'Department' (Finance), 'Risk owner' (Hannes Strydom), and 'Risk status' (Initial). A 'Current assessment' section shows 'Date assessed' (12 Mar 2025) and 'Max foreseeable loss' (50,000.0 ZAR). At the bottom, three risk levels are shown: 'Inherent risk' (80 %), 'Preventative control' (90 %), and 'Residual risk' (8 %). A large blue arrow points from the 'Current assessment' section to the right.</p>

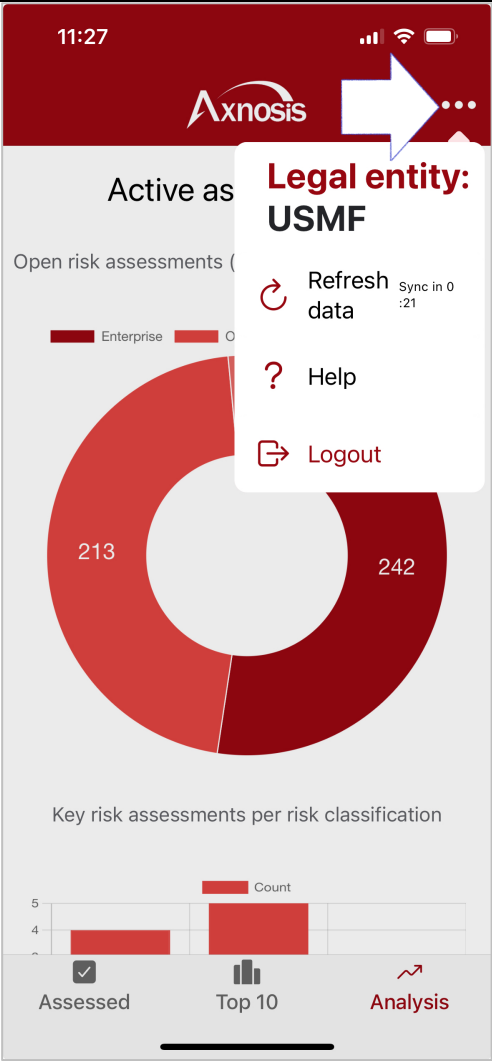
3.1.4 Viewing the Top Ten Risk lines on the mobile device

TALKING POINTS AND STEPS	MOBILE APP
<p>To view the top 10 risk lines across all risk registers, filtered on the Residual risk %, tap on the Top 10 icon at the bottom of the screen.</p> <p>The three tabs filter the risks by type:</p> <ul style="list-style-type: none"> • Enterprise risks • Environmental risks • Operational risks <p>Each tab displays the top 10 risk lines for that type of risk.</p>	

3.1.5 Viewing the Risk analysis on the mobile device

TALKING POINTS AND STEPS	MOBILE APP
<p>Tap on the Analysis button at the bottom of the screen to view the Risk Analysis across all the risk register types.</p> <p>Firstly, each open risk assessment that still needs to occur is displayed in a pie chart, split up between each risk type.</p> <p>Next, each key risk assessment is displayed in a Vertical Bar Chart, split up between each risk type.</p>	 <p>The screenshot shows the Axnosis mobile app interface. At the top, the status bar displays the time 11:23, signal strength, Wi-Fi, and battery. The app header is red with the Axnosis logo and a menu icon. The main content area is titled 'Active assessments' and includes a subtitle 'Open risk assessments (lines) per risk classification'. Below this is a donut chart showing the distribution of open risk assessments: Enterprise (242), Operational (213), and Environmental (7). A legend at the top of the chart identifies the colors: dark red for Enterprise, medium red for Operational, and light red for Environmental. Below the donut chart is a bar chart titled 'Key risk assessments per risk classification'. The bar chart shows the count of key risk assessments for each classification: Enterprise (4), Operational (5), and Environmental (2). The x-axis labels are Enterprise, Operational, and Environmental, and the y-axis is labeled 'Count' with a scale from 0 to 5. At the bottom of the app, there is a navigation bar with three buttons: 'Assessed' (with a checkmark icon), 'Top 10' (with a bar chart icon), and 'Analysis' (with a line graph icon and a red border).</p>

3.1.6View the options under the Ellipsis

TALKING POINTS AND STEPS	MOBILE APP
<p>The ellipsis at the top of the screen provides the following functions:</p> <ul style="list-style-type: none"> Displays the D365 Legal entity that the user is currently logged into The Refresh data button is used to update the app with recently captured data (via the app and D365) The Help button opens the Axnosis Contact Support screen Logout 	 <p>The screenshot shows the mobile app interface. At the top, the status bar displays the time 11:27, signal strength, Wi-Fi, and battery. The app header is red with the Axnos logo and a white ellipsis menu icon. A dropdown menu is open, showing the following options: 'Legal entity: USMF', 'Refresh data' (with a circular arrow icon and 'Sync in 0:21'), 'Help' (with a question mark icon), and 'Logout' (with a door icon). Below the menu, the main content area displays 'Active as' followed by the legal entity name. A donut chart shows 'Open risk assessments' with two segments: 213 (light red) and 242 (dark red). Below the chart, a bar chart titled 'Key risk assessments per risk classification' shows counts for 'Assessed' (4), 'Top 10' (5), and 'Analysis' (3). The bottom navigation bar has three icons: a checkmark for 'Assessed', a bar chart for 'Top 10', and a line graph for 'Analysis'.</p>