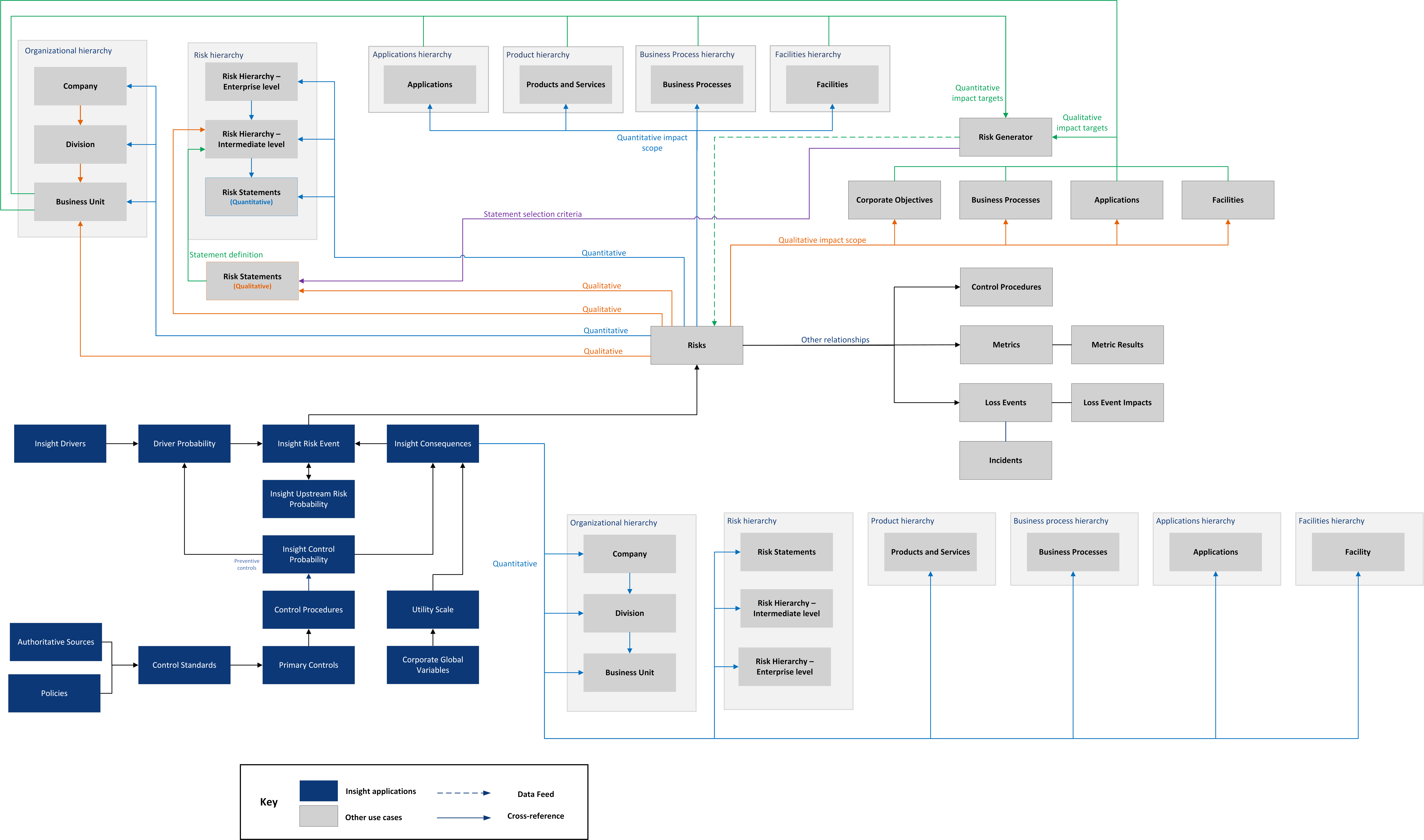
# Archer Insight Use Case Design

This topic contains high-level use case design information.

## Architecture diagram

The following diagram shows the relationships between the applications in the use case.

Download the source file of the diagram here: [Archer Insight Architecture Diagram](../Resources/Images/Insight/insight_architecture_3_1.vsdx)



## Applications

The following table describes the use case applications.

| Application | Description |
| --- | --- |
| Insight Risk Event | Risks represent the lowest, most granular level of your risk hierarchy. Risk Events capture the events themselves and must be tied to an individual risk record. |
| Insight Drivers | Captures the different possible causes of a risk event. |
| Insight Driver Probability | Captures the probability of a specific driver causing a specific risk event. |
| Insight Consequences | Captures the different possible consequences of a risk event. |
| Insight Control Probability | Captures the probability of success for a control procedure, either in preventing a risk from occurring or mitigating the consequences if it does. For mitigating controls, also captures either the impact reduction for a financial consequence or the impact level reduction for a non-financial consequence. |
| Insight Upstream Risk Probability | Links one risk event to another risk event so that one of them can serve as the driver for the other one. |
| Utility Scale | Allows you to define a description for each impact level for each non-financial impact category. The descriptions provide context for the impact level in that category and are available in Archer Insight.  Used with the Corporate Global Variables application to define your overall [utility scale](insight_uc_setting_up.htm#Task1). |
| Corporate Global Variables | Used to create a single record in which you set the number of impact levels and the economic equivalents for the top and bottom levels.  Used with the Utility Scale application to define your overall [utility scale](insight_uc_setting_up.htm#Task1). |

## Personas and access roles

The use case contains a Insight Risk Manager access role, which grants you users access to Archer Insight.

Access to content, both in Archer and Archer Insight, is controlled through the existing RM, CM, and EM roles, which have been updated.

For a complete list of access roles and detailed, page-level access rights, see the *Data Dictionary*.

For a complete list of application record permission fields, including which user/groups fields populate the fields and where the fields inherit permissions from, see the *Data Dictionary*.

## Dashboards

There are no Archer dashboards included in this release.

## Data feeds

The use case provides the following data feeds. For instructions on setting up the feeds, see [Setting Up Archer Insight Data Feeds](insight_df_setting_up.htm).

The following table describes the use case data feeds.

| Data Feed | Description |
| --- | --- |
| Archer Insight - Secondary Risks | Populates the Downstream Risks reference field according to the Upstream Risks associated to Risk Events. |
| Archer Insight - Secondary Risks - Removal | Reference feed to Archer Insight - Secondary Risks. In the Risk Event record, it clears the Reference field of the Downstream Risk if no Upstream Risks exist any longer. |
| Archer Insight - Populate Control Procedures With Company IDs | Used to facilitate in data population of report objects in the organizational hierarchy. Adds the Company tracking IDs of all the associated Business Units to a values list in the Control Procedures. A values list field is then leveraged in matching filter for report objects. |
| Archer Insight - Populate Control Procedures With Company IDs - Company Level | Reference feed to Archer Insight - Populate Control Procedures With Company IDs. Adds current Company tracking IDs to a values list. A values list field is then leveraged in matching filter for report objects. |
| Risk Generator | Creates risks and related metrics from risk statements based on selections in the Risk Generator record. |
| Risk Generator Clear Flag | Reference feed to Risk Generator. Once the Risk Generator feed request has completed, the Create Individual Risks Flag is reset to Not Ready for all qualifying content records to ensure a duplicate request is not executed. |

## Data dictionary

The Data Dictionary contains configuration information for the use case.

You can obtain the Data Dictionary for the solution by contacting your Archer Account Representative.