



TOGAF ADM Software: Act and Generate ADM Deliverables

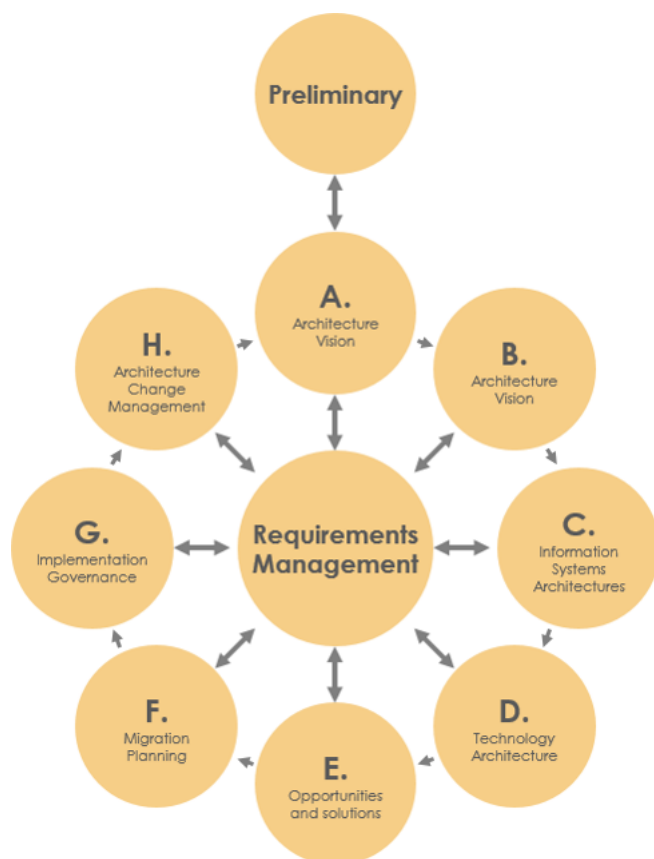
Written Date : May 04, 2018

Enterprise Architecture is essential to every business, yet it's not easy to master. Have you ever thought that you would be able to learn Enterprise Architecture solely by yourself? [Visual Paradigm](#) is here to help. Equipped with an intuitive TOGAF ADM process navigator, to develop Enterprise Architecture with Visual Paradigm is just like having a tutor sitting next to you, guiding you through the instructions, taking you through the ADM examples. All you need to do is to follow the on-screen instructions, fill-in some forms, draw some ArchiMate diagrams (3.0), and that's it, the deliverables will be there for retrieval.

Visual Paradigm makes you an enterprise architect in no time at all - and with no training, as the actionable guide through process come along with instructions, tips, samples and case study. Read through this tutorial, relax and see how the [best TOGAF software](#) can help you perform TOGAF activities and produce TOGAF deliverables with ease.

What is TOGAF ADM?

[TOGAF](#) is the short form of The Open Group Architecture Framework. TOGAF provides detailed method and a set of supporting tools for developing an enterprise architecture. TOGAF ADM, short for TOGAF Architecture Development Method, is an architecture method suggested by TOGAF. It is a method for developing and managing the lifecycle of an enterprise architecture, and forms the core of TOGAF. When we talk about TOGAF ADM or simply ADM, we refer to the ADM cycle below:



What does Visual Paradigm Offer?

TOGAF ADM is the process to developing an enterprise architecture, while Visual Paradigm features a process navigator that guides you through the execution and completion of TOGAF ADM. Broadly speaking, Visual Paradigm features/facilitates the following:

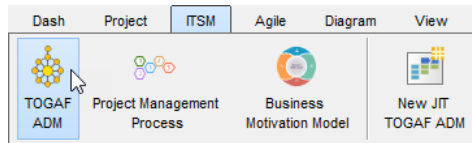
1. An ADM process navigator that guides you through the development of enterprise architecture with TOGAF ADM, activity by activity, step by step
2. Guide you through the creation of deliverables and artifacts, with clear instructions
3. Generate deliverables upon the completion of a ADM phase
4. Automatic archiving of deliverables in an Architecture Repository
5. Helps you understand TOGAF by providing you with samples
6. Provides the tools and diagrams you need in analysis and documentation, which includes [ArchiMate 3 diagram tool](#) and viewpoints (The Open Group certified), Implementation Plan Diagram, Migration Roadmap, Maturity Analysis, PERT Chart, RACI Chart, Implementation Factor Assessment & Deduction Matrix, Consolidated Gaps, Solutions, & Dependencies Matrix, etc.

Preparation

You need a project to work on. To avoid messing up your production data, create a new project in Visual Paradigm first. You can create a new project by selecting **Project > New** from the application toolbar.

Opening the TOGAF ADM process navigator

You can access the ADM process navigator anytime throughout the ADM cycle by selecting **ITSM > TOGAF ADM** from the application toolbar.



You should see the screen below. You can double click on a phase to view its activities.

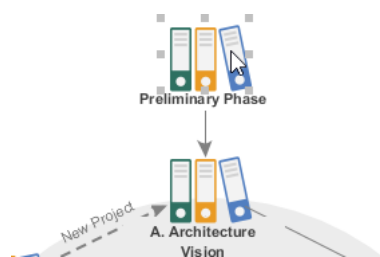


Working on TOGAF ADM Preliminary

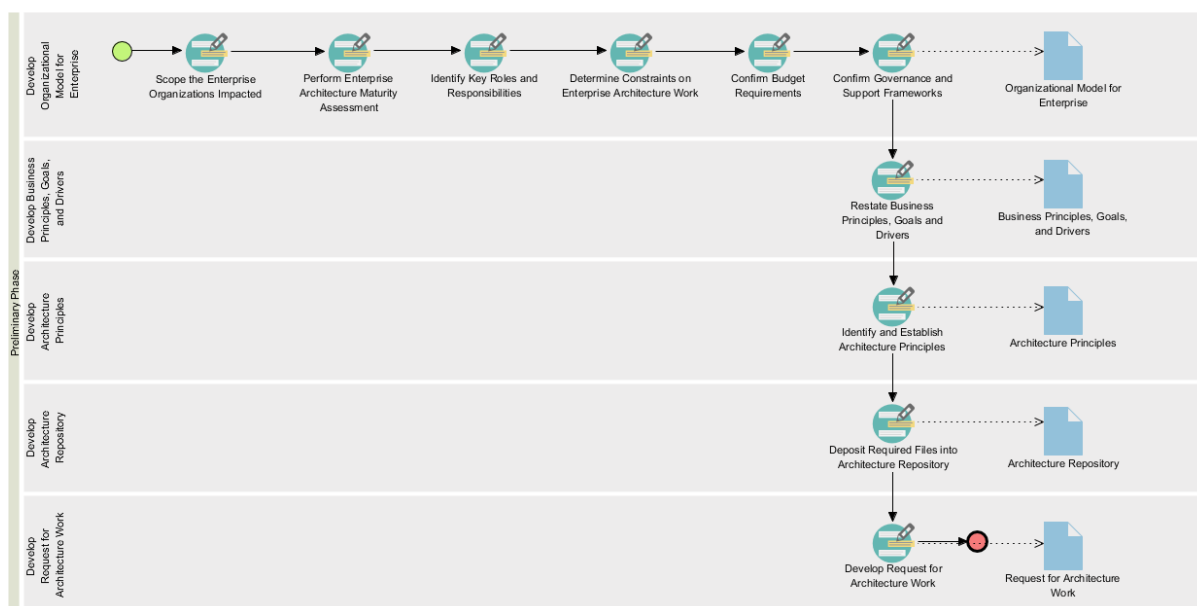
Phase

Let's start working on the first TOGAF ADM phase, the preliminary phase.

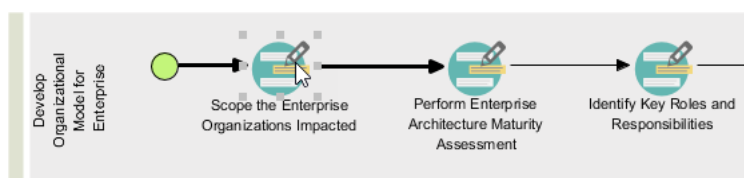
1. Double click on **Preliminary Phase** in the ADM cycle to open it.



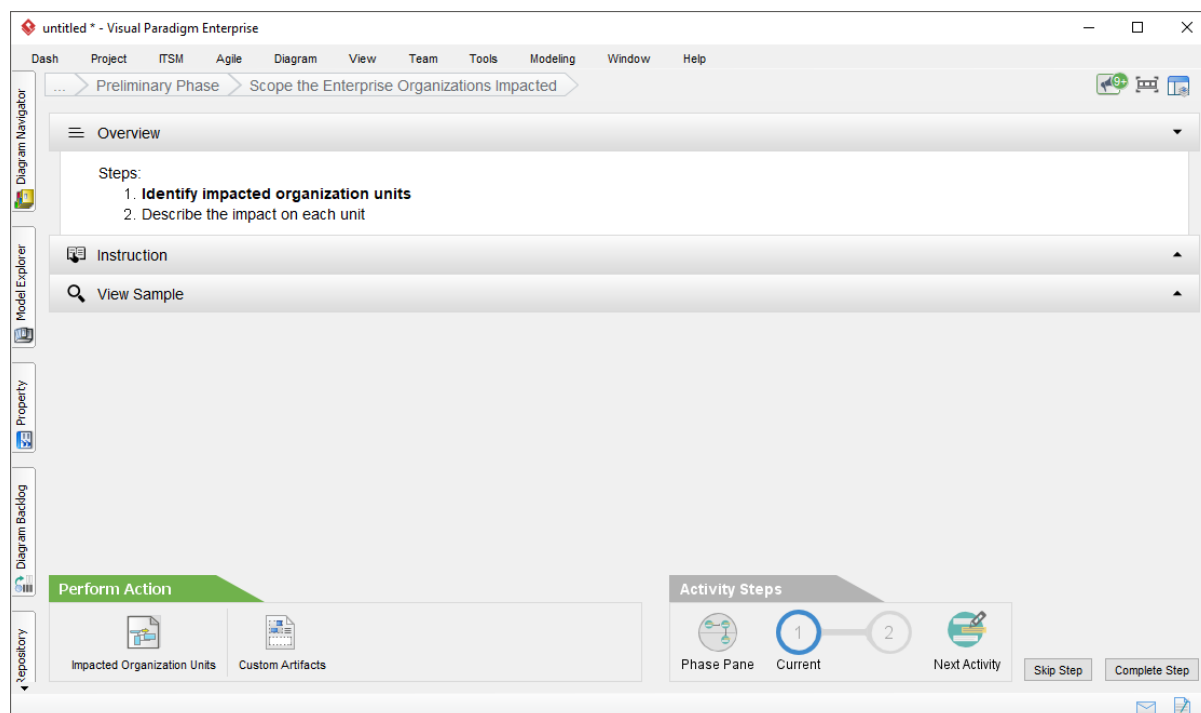
This opens a process diagram that contains the activities required under this phase. The figure below shows the content of the Preliminary phase.



2. Each of the TOGAF ADM phases require you to perform some activities to create some deliverables. In the process diagram, the activities required to be performed are presented as a series of connected activity shapes. The arrow connectors represent the flow. It is important to follow the flow in performing the activities in order to properly complete the phase. Now, perform the activity *Scope the Enterprise Organizations Impacted* by double clicking on it.



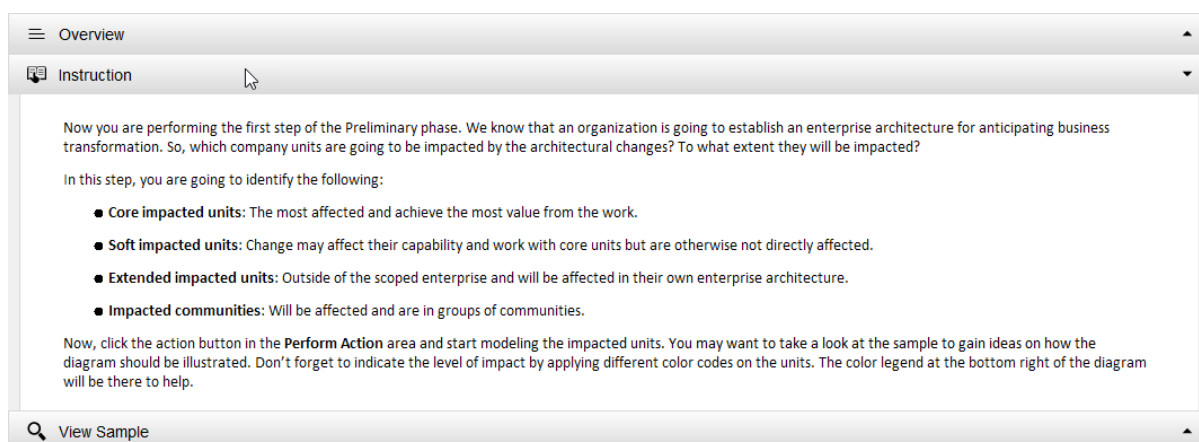
3. The following screen is presented. Each activity is finished by completing the steps within, which are listed under the **Overview** section. The figure about shows an activity that contains two steps.



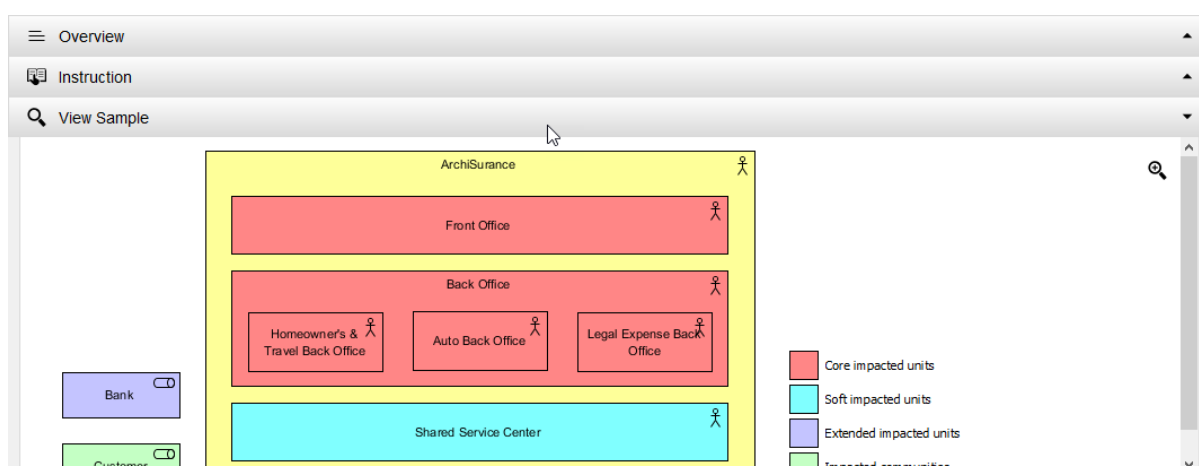
The table below provides brief description on the various parts of this screen. We will go over them in the remaining part of this TOGAF tutorial.

Part	Description
Overview	The steps required to complete under this activity. The step in bold indicates the current step that you need to perform at this moment. Once you've completed a step, click on Complete Step at bottom right to proceed to the next step.
Instruction	Click to expand the Instruction pane, which shows the information you need to know about the step, what you need to do, what is the purpose, and what will achieve.
View Sample	Click to expand the View Sample pane, which displays sample(s) associated with this step. Let's say if the step requires you to draw a specific type of diagram that you are not familiar with, you can view the sample to gain ideas about how the diagram should look like.
Perform Action	The action you need to take to complete this step. There may be one action or more. And if you want to insert your own text or diagrams in addition to what we recommend, you can click the Custom Artifacts button to add it manually. In this case, you are asked to write a project background and draw a diagram to depict the project background. These are the actions to take in step 1. In step 2 there will be another set of actions required.
Activity Steps	Indicates the progress and completeness of this activity.

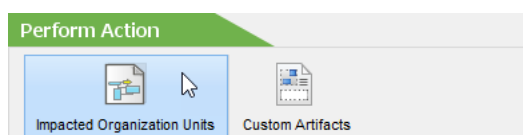
4. In order to help you successfully perform the actions required, we provide you with instructions and examples for all the steps. It is recommended to read through them before you perform any action. Expand the **Instruction** section to read it.



5. Similarly, expand the **View Sample** section to read the sample provided. The sample provided for this step is an ArchiMate Diagram. You shall be able to create your own ArchiMate diagram by reading through the instructions and samples provided under this step.

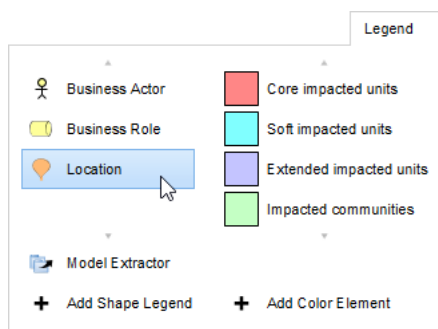


6. When you are ready, click on the action button **Impacted Organization Units** listed in **Perform Action** section. Note that it is not uncommon for a step to contain multiple actions. You must complete all actions listed.

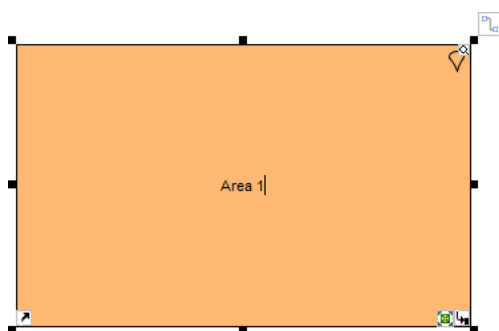


Note: Next to the action button, there is a button **Custom Artifacts** for you to include optional diagram or textual data into the step, which will be included in the deliverable to be produced.

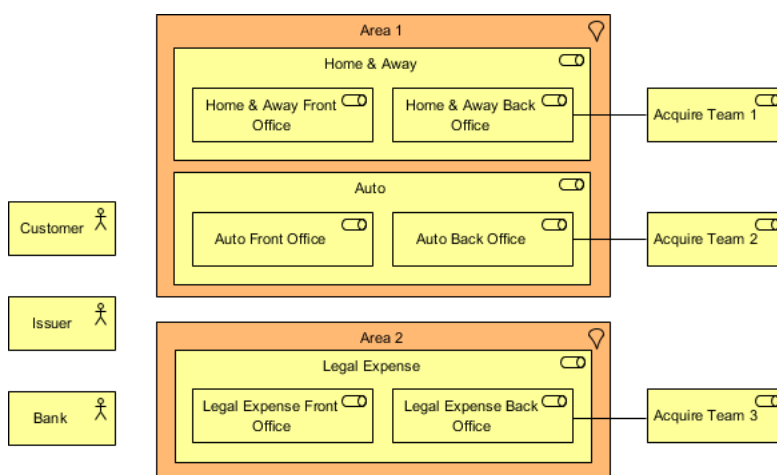
- You are presented a new, empty ArchiMate diagram. This step requires you to use the legend at the bottom right of the diagram to draw an ArchiMate diagram that shows the impacted units. Let's draw a Location first. Select **Location** in the legend.



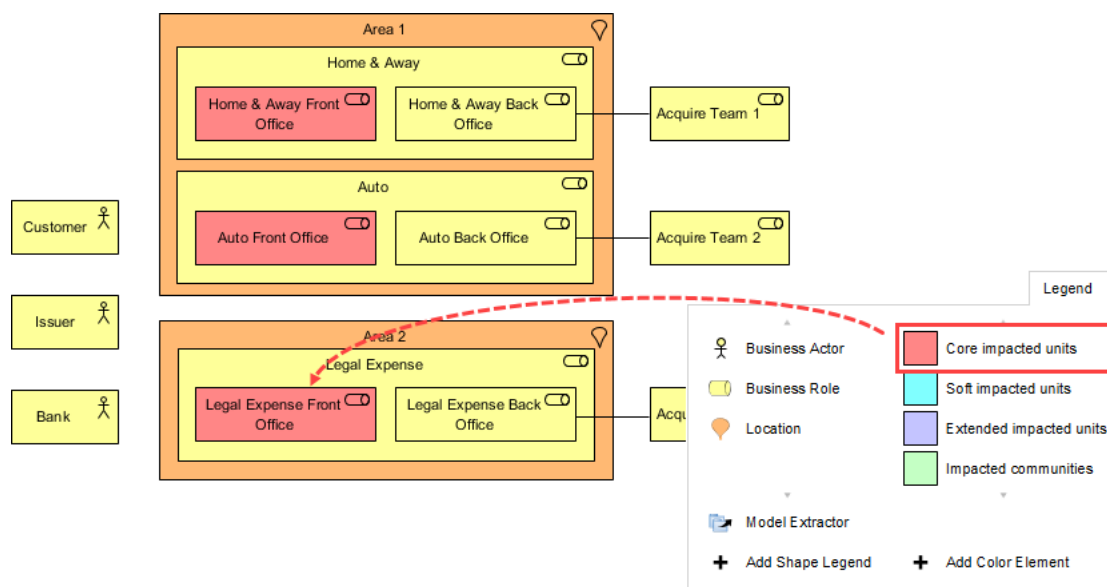
- Draw a Location in the diagram and name it *Area 1*.



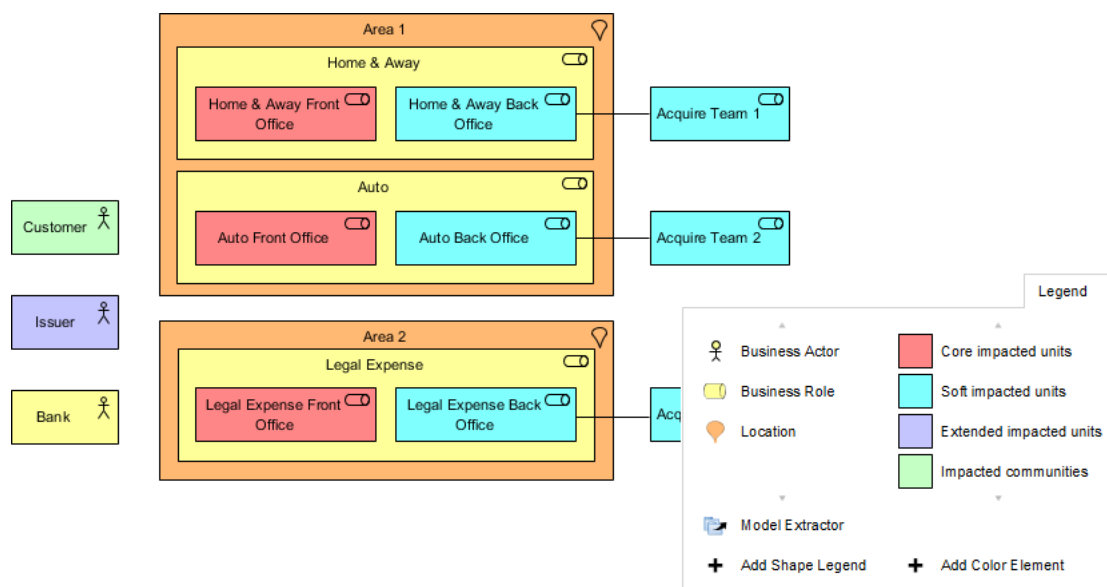
- Apply the same technique to draw a diagram that looks like this:



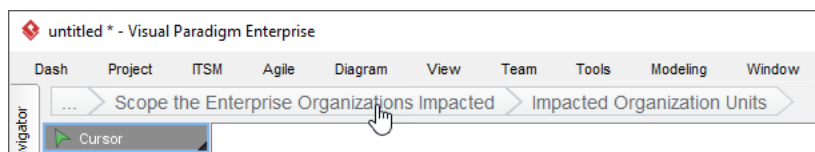
- According to the instruction, we need also to indicate the level of impact of individual units. Let's indicate the units with Core impact first. To do this, click on **Core impacted units** in legend and click once on the unit with core impact.



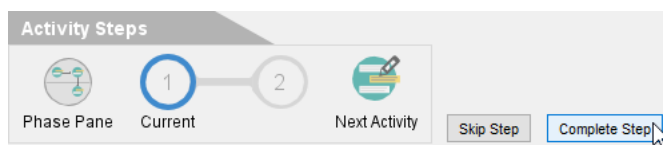
- Indicate the level of impacts on other units. The completed diagram should look like this:



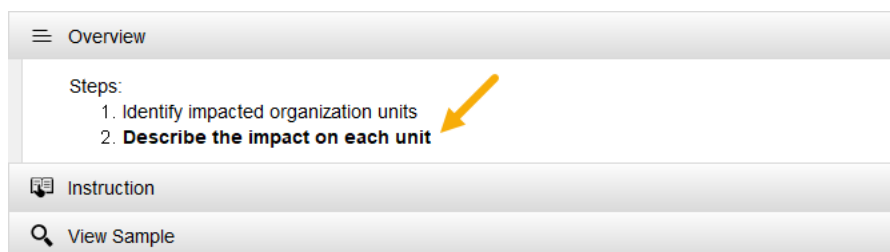
12. You have finished drawing this diagram. Go back to the activity screen by clicking on the breadcrumb.



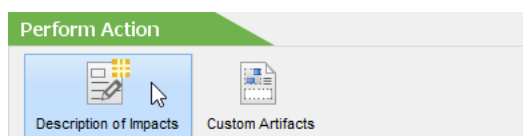
13. So you've completed this step. Click on **Complete Step** at bottom right.



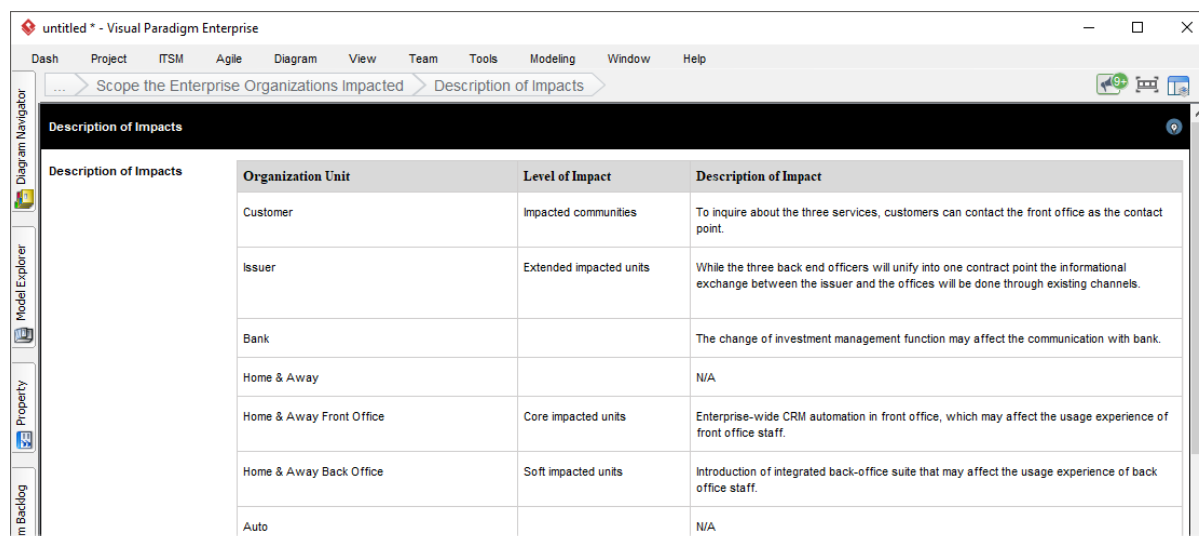
14. You are brought to step 2.



Step 2 requires describing the impacts in detail. Click on the action item **Description of Impacts** under the **Perform Action** section.



15. Complete this step by filling in the form.

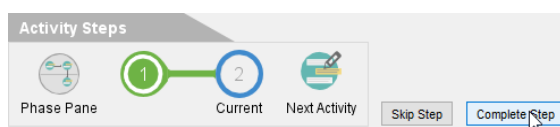


You may use the sample content below:

Organization Unit	Level of Impact	Description of Impact
Customer	Impacted communities	To inquire about the three services, customers can contact the front office as the contact point.
Issuer	Extended impacted units	While the three back end officers will unify into one contract point the informational exchange between the issuer and the offices will be done through existing channels.
Bank		The change of investment management function may affect the communication with bank.
Home & Away		N/A
Home & Away Front Office	Core impacted units	Enterprise-wide CRM automation in front office, which may affect the usage experience of front office staff.
Home & Away Back Office	Soft impacted units	Introduction of integrated back-office suite that may affect the usage experience of back office staff.
Auto		N/A
Auto Front Office	Core impacted units	ArchiSurance is going to provide a one-stop shop solution for its customers by unifying the three front offices into one single point of contact for all three major type of products and services.

Auto Back Office	Soft impacted units	Introduction of integrated back-office suite that may affect the usage experience of back office staff.
Legal Expense		N/A
Legal Expense Front Office	Core impacted units	Enterprise-wide CRM automation in front office, which may affect the usage experience of front office staff.
Legal Expense Back Office	Soft impacted units	Introduction of integrated back-office suite that may affect the usage experience of back office staff.
Acquire Team 1	Soft impacted units	N/A
Acquire Team 2	Soft impacted units	N/A
Acquire Team 3	Soft impacted units	N/A
Area 1		N/A
Area 2		N/A

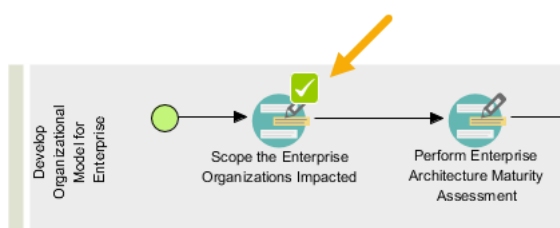
16. Go back to the activity page through the breadcrumb.
17. Click **Complete Step** at bottom right.



18. The steps under this activity are all done. You may move on to the next activity by clicking on **Next Activity** under the **Activity Steps** section, but let's try something different. Click on **Phase Pane** under **Activity Steps**.



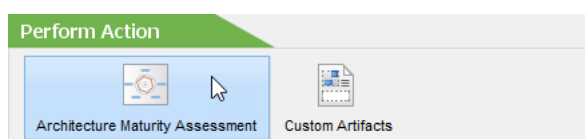
You are brought to the process diagram of the preliminary phase. You can see a check mark next to the activity **Scope the Enterprise Organizations Impacted**, indicating its completion.



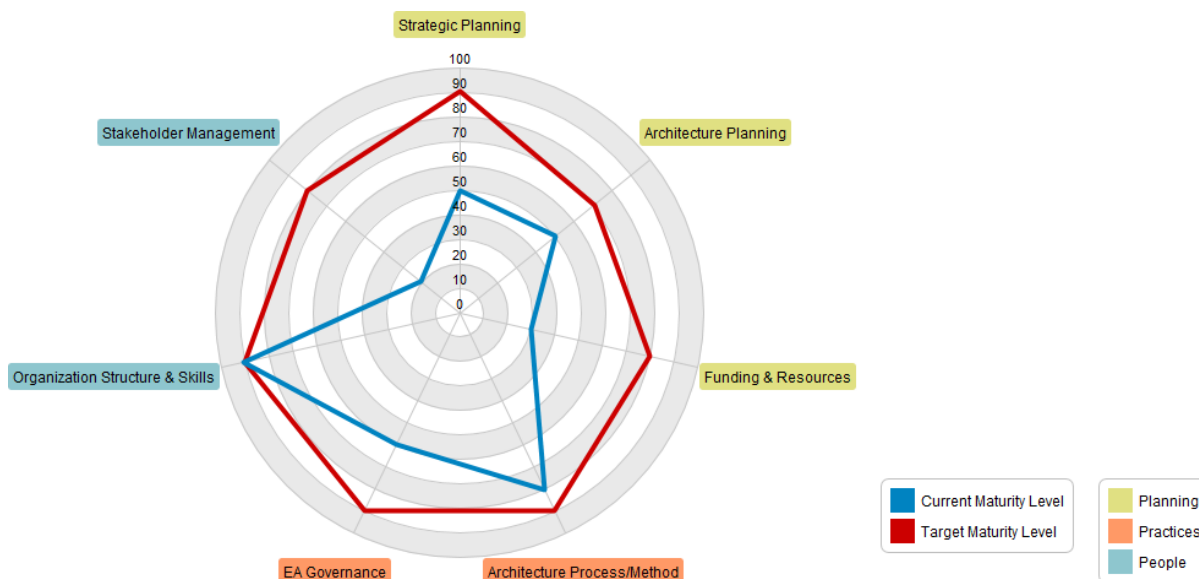
- Now, let's perform the next activity. Double click on the activity **Perform Enterprise Architecture Maturity Assessment** to open it.



- Click on the action item **Architecture Maturity Assessment**.



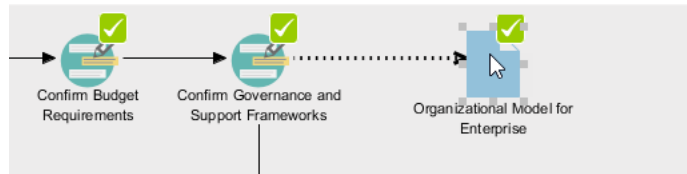
- This activity requires you to perform a maturity analysis. Apply the techniques you learned so far to draw the chart below for step 1. You can rename a maturity factor (i.e. Goal, Organization, Strategy) by double clicking on it and entering a new name, and add a new factor by right clicking on the chart and selecting **Add Variable** from the popup menu.



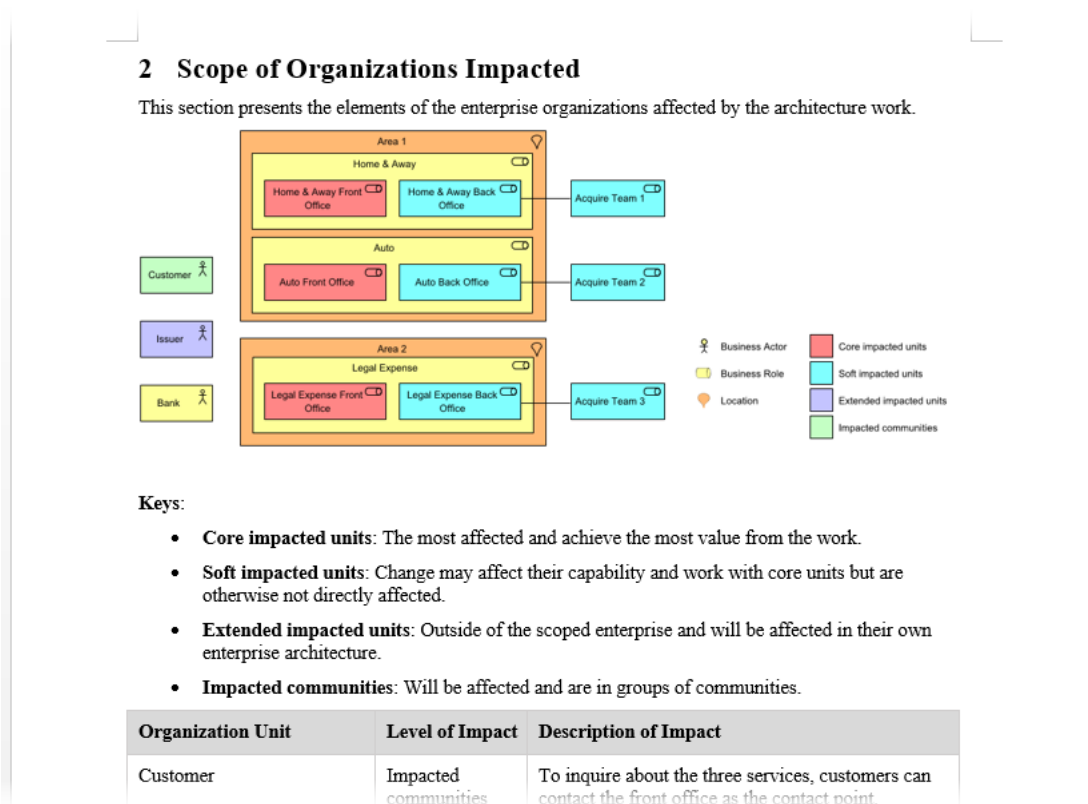
- Go back to the activity page through the breadcrumb.
- Click **Complete Step** at bottom right.
- Steps two requires reviewing the maturity gaps. Click on the action **Maturity Gaps and Resolutions**, take a look and go back to the activity page.
- Click **Complete Step** at bottom right. So you should now have a basic idea about how to use Visual Paradigm to develop enterprise architecture. We will just stop here.

Generating an ADM Deliverable

Once you've completed all the activities in a (deliverable) lane, you can generate the deliverable. To generate a TOGAF ADM deliverable is simple, you just need to double click on the document shape on the right hand side of the lane.



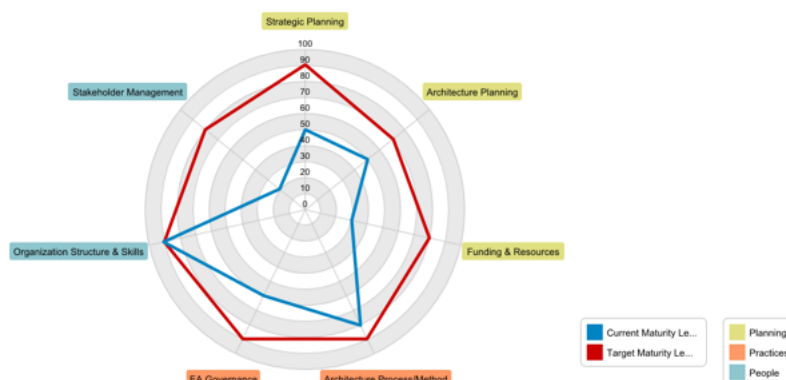
Then, provide a file name and confirm. A document is generated with the information entered presented. The figures below shows how a generated deliverable looks like. Basically, it consists of the diagrams and forms you developed and filled, and the content pre-filled. The first figure shows the ArchiMate Diagram you drew:



And here is the architecture maturity model developed using radar chart:

ability to execute in the area concerned, and the practices on which the organization needs to focus in order to see the greatest improvement and the highest return on investment.

The figure below presents the architecture capabilities concerned, the maturity level at which the organization current stands and the maturity level aimed to achieve.

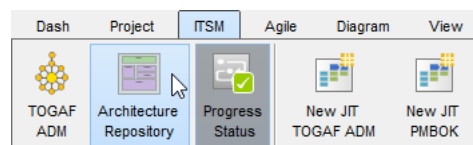


The table below lists the architecture capabilities, the gap between current and target maturity level and the approach to take to resolve or mitigate the capability gaps, if required.

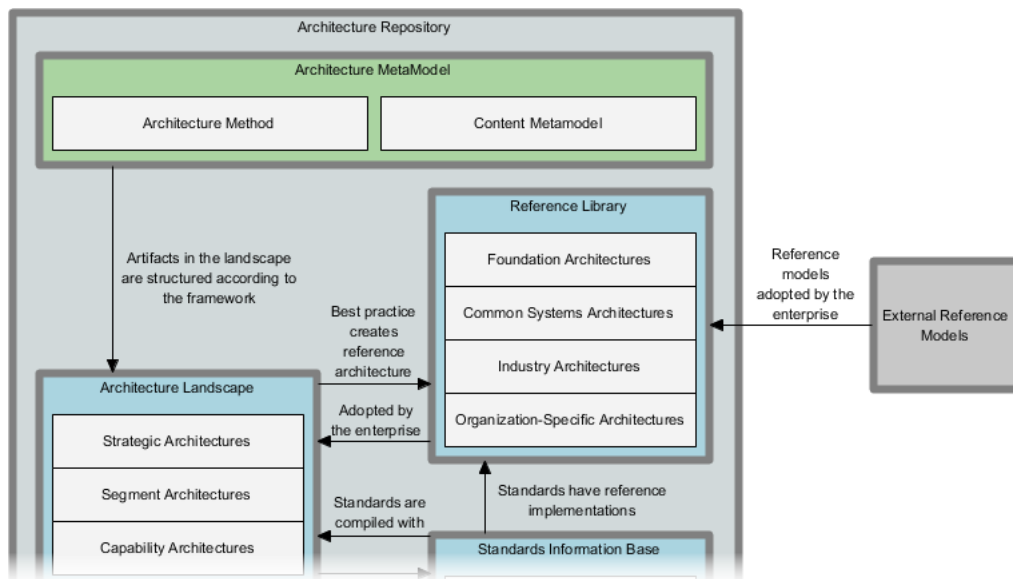
Capability	Current Maturity Level	Target Maturity Level	Gap (Target-Baseline)	Resolution Approach / Mitigation Strategy
Strategic Planning	50	90	40	Enables agility in extended enterprise

Using the Architecture Repository

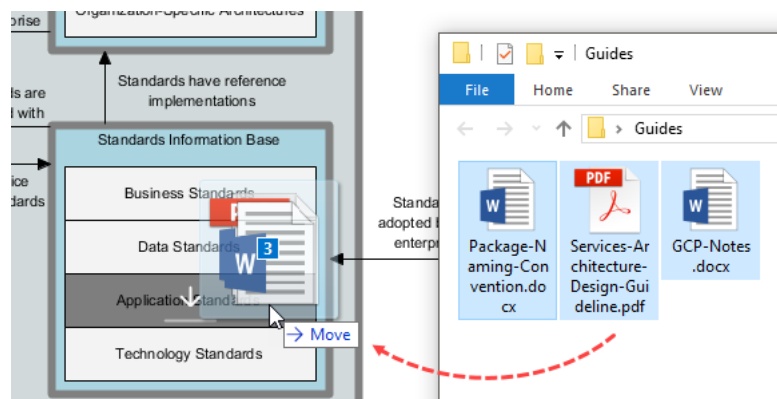
The Architecture Repository is a holding area for all architectural assets within an enterprise. Every time when you generate a deliverable, a copy will be archived automatically in the Architecture Repository. To open Architecture Repository, select **ITSM > Architecture Repository** from the application toolbar.



The figure below shows how the Architecture Repository looks like. When all the activities associated with a TOGAF ADM deliverable are done, a deliverable (document) will be automatically generated and archived in the drawer named **Organization-Specific Architectures**. You may double click on **Organization-Specific Architectures** to open the drawer and retrieve the deliverable.



The Architecture Repository also allows you to store and manage your own files. To do this, simply drag the files need to store into Architecture Repository and drop under the target drawer.



Related Links

- [More TOGAF ADM Tools](#)
- [TOGAF activities and deliverables explained \(VP User's Guide\)](#)



Visual Paradigm home page
 (<https://www.visual-paradigm.com/>)

Visual Paradigm tutorials
 (<https://www.visual-paradigm.com/tutorials/>)