Mo.net
Mobile Modeller & Statement Generator Service

January 2022
Revision 12

What is Mobile Modeller?

The Mobile Modeller smartphone app is designed to illustrate how existing models & calculations developed in Mo.net can be consumed as-a-service by a range of devices supporting a variety of potential business applications. Whether you want to provide customers with pre-sale quotations / illustrations or near real-time access to claim / surrender values of existing policies, Mobile Modeller provides a new way of unlocking the potential of your financial modelling estate.

What Can You Do with Mobile Modeller?

Mobile Modeller can connect to any existing or planned Mo.net model with minimal effort. For new business illustrations / quotations scenarios, model inputs and / or parameters are collected from a bespoke Mobile Modeller smartphone app aligned to your own specific business requirements & corporate branding. For back-office administration scenarios, Mobile Modeller can capture references to one or more existing policies and retrieve model input data for these from another enterprise system, such as a policy administration platform.
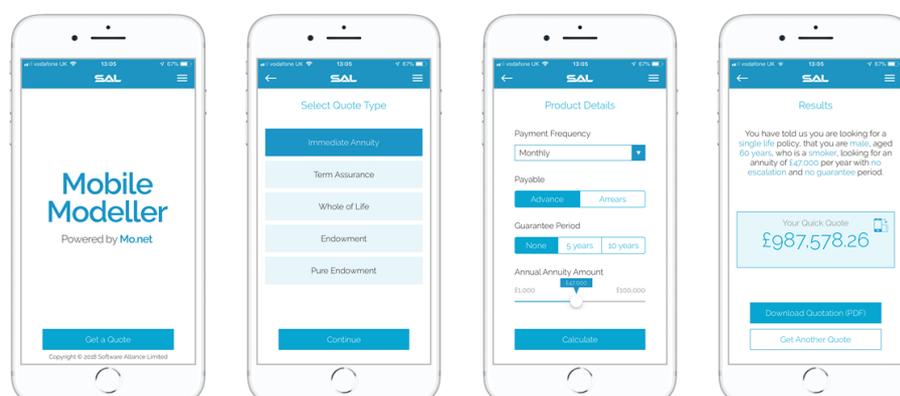
Figure 1 - Using Mobile Modeller to Calculate an Immediate Annuity Cost

The results, in the form of single calculated values, payment schedules or even downloadable statements, are then returned to the Mobile Modeller app with near real-time performance.

How Does it Work?

To enable an existing Mo.net model to work with a Mobile Modeller smartphone app, the model is developed, tested and compiled in the usual manner. The compiled model components, including default assumptions, are then deployed to the Mo.net Quotations Service using the Mo.net Enterprise Service Manager, as illustrated in the figure below.

The input data signature for the model is then aligned to the data capture fields in the specific Mobile Modeller app and / or those data items coming from a policy administration system / other data store (e.g. assumptions). The structure / format of model output is also matched with one or more specific result fields in the Mobile Modeller app. Once the model / Mobile Modeller app input & output data formats / structures have been aligned, the app can be published for use.
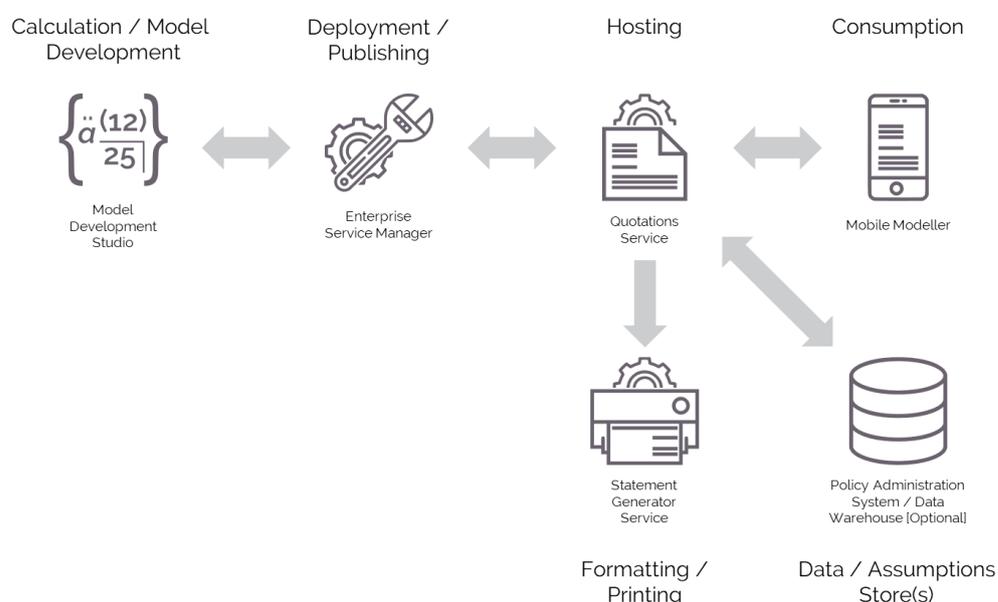

Figure 2 - Deploying a model for consumption by the Mobile Modeller app including the generation of an illustration using the Statement Generator Service

An additional feature of this solution is that models & calculations hosted in the Mo.net Quotations Service can be called by a range of client systems, not just the Mobile Modeller app. This provides a range of internal & external user groups with access to the same calculations / models.

Introducing the Statement Generator Service

To complement the Mobile Modeller app we have recently released a preview of a new service that allows the real-time generation of PDF-based illustrations, quotations or statements. Sample outputs from this service are available for each of the product calculations within the Mobile Modeller app.

The full Statement Generator Service includes the ability to create custom templates allowing statements to be rendered according to specific business / brand requirements.
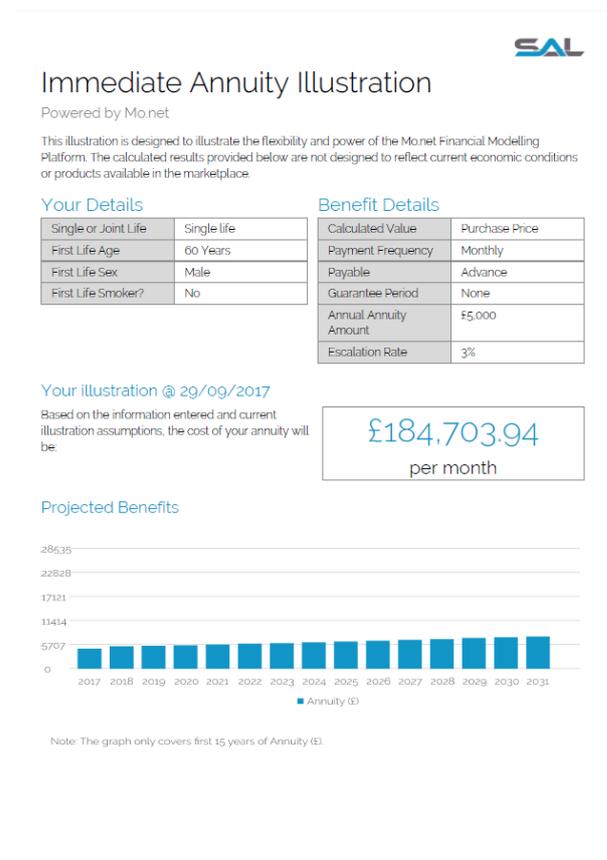
Figure 3 - Sample output from an immediate annuity calculation

Benefits

Using Mobile Modeller and the Mo.net Quotations Service allows the same (or variations of the same) models to be used throughout the insurance product lifecycle – from new business illustrations & quotations, through valuation & reporting activities, and into back-office policy administration & servicing functions. This vastly reduces the time & cost of reconciliation activities, and for the first time allows consistent calculations & technology to be used throughout the policy lifecycle.

Try It Out

A sample version of the Mobile Modeller app is now available for iOS and Android devices and available to download now from the App Store and Play Store respectively.

This demonstration version allows the user to calculate benefits for any one of five different product types, with results being provided in near real-time.

- Immediate annuity
- Term assurance
- Whole of life

- Endowment
- Pure endowment

The latest version also includes functionality to display results as a histogram or to populate a PDF quotations / statement / illustration directly from the app.

Resources

Please refer to www.softwarealliance.net for the following additional resources:

- White Papers
- Use Cases
- Documentation
- Product / Trial Downloads

Contact Us

For more information regarding the Mobile Modeller App or to discuss your specific mobile benefit calculation requirements, please get in touch:

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