

Actuarial

# Axis Valuation Actuary

**Client Type:**

Life Insurance Organization

**Project Scope:**

Transitioning Life Product Valuation Models from ARCVAl to AXIS

**Duration:**

11 Months

**Team Size:**

1 Full-Time Actuary



## Problem

This client sought an actuary to help them bridge the gap between ARCVAl and AXIS. The consultant would get our client to a controlled production state using AXIS, including developing documentation and reporting functions.



## Response

Jacobson provided an actuary with the ARCVAl, AXIS and valuation reserve methodologies experience our client required. This consultant, who is an FSA and MAAA, also offers specialization in life and annuity products. The training and experience of this credentialed actuary helped relieve our client's permanent actuaries to focus on other priorities.



## Solution

Our consultant completed a series of ARCVAl validations, as well as a deep dive into actuarial assumption and valuation methodologies used in the legacy system. Using his AXIS and Excel skills, Jacobson's subject matter expert helped our client's auditors understand the differences in the new projection system.

This actuarial specialist developed a valuation tool for our client's traditional life in-force business, in addition to independent calculation of statutory reserves for more than 1 million base policies and riders. Calculations were completed with Excel VBA routines using a combination of class modules, collections and SQL server database tables. For the universal life business, our actuary performed monthly reporting, responded to audit questions, productionized a new PBR product and assisted with validation of Hyperion planning software.