Gas and Pipeline Industry Q&A Series

How is this modeling done?

We use the methodology called geoprocessing performed with Esri's ModelBuilder. ModelBuilder has evolved to the point where it allows us to construct the model without coding. We can drag and drop the tools onto a canvas and stitch them together to construct a multistep analysis model that addresses the business problem we are trying to resolve. For example, I may want to buffer my roads by certain distances; I want to take that buffer and compare against my pipeline. It's a multistep process. ModelBuilder gives us the ability to take those simple steps and string them together to build the model to answer the question being asked of us.

Someone who understands the business logic, but doesn't understand how to code can put together very robust models without having to bring in a developer or programmer.

Thank you very much Tom, and for future inquests, Tom's e-mail address is tdewitte@esri.com.