

Excerpted from...

MODELING WITH EXTEND™

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5 SAMPLE EXTEND MODELS

The following sections will present a number of applications which utilize Extend's features to create models in different areas. These models come from users with a variety of backgrounds and simulation experience levels. What is presented here is only a small subset of the areas where Extend is currently being applied.

5.1 Management Flight Simulator

The Deloitte & Touche Consulting Group Management Flight Simulator (a model for experimenting with different management strategies) is used internally for training sessions. This model, developed by Rick Blaiklock of their Ottawa office, focuses on the relationship between the economic factors of: staffing levels, sales effort, competition, employee training, and market research.

In the training session, participants run a consulting operation for a total of ten years of simulated time. At the end of each six month period, operational decisions are entered into the model and the economic results are plotted over time. Figure 8 illustrates the input panel for the decisions regarding the staffing levels of the model. Similar panels are used for the other business factors.

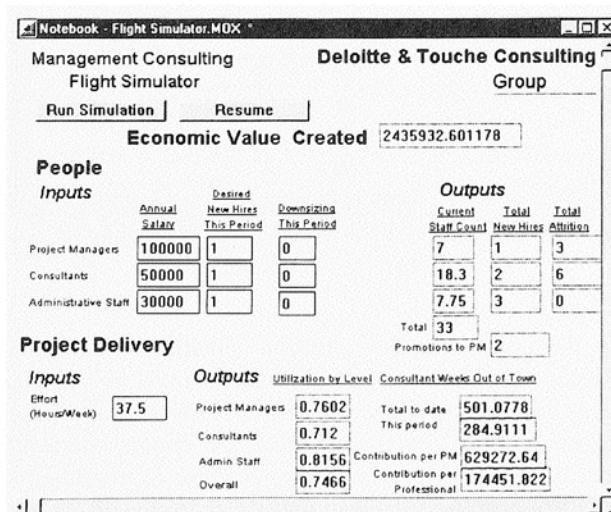


Figure 8: Management Flight Simulator

Here, dialog cloning is used extensively to create a user interface for model users who are not necessarily proficient in simulation. Because of this, the class participants are able to use a sophisticated model with only a brief introduction to the inner-workings of the model.