



## **West Point team honored with 2011 Dr. Wilbur B. Payne Memorial Award for Excellence in Analysis...Utilizing a ProModel Simulation Solution**

Allentown, PA - ProModel Corporation clients, Gene Lesinski, U.S. Army Retired, and Lt. Col. Paul Kucik III, of the US Military Academy at West Point (USMA) were presented the 2011 Dr. Wilbur B. Payne Memorial Award for Excellence in Analysis at the Army Operations Research Symposium at Ft. Lee, Va. in November 2011. The award is an Army-level honor that recognizes research that makes a significant contribution to the Army. This recognition is for their work in conjunction with the U.S. Army Accessions Command on the Officers Accession Flow Model, which identifies and tracks unit fill rates and the arrival of recently commissioned officers from all commissioning sources to their first units of assignment.

This work identified potential to reduce Officer wait time for post-commissioning technical training prior to unit assignment, thereby increasing military efficiency and readiness, as well as the morale of the newly commissioned Lieutenants.

As of August 2010, the average wait time for ROTC Officers was 122 days, and was on a 4 year upward trend. The Army's desire was to explore the adjustment of Basic Officer Leadership Course capacities and course allocations to reduce wait time down to 90 days. While the training base capacity is constant throughout the year, the training demand surges during the months of May through July, when most graduations take place. This supply-demand mismatch results in large numbers of newly commissioned officers waiting up to six months to attend their required technical training.

By leveraging the capabilities of the simulation model, the USMA team was able to provide quantitative and predictive analysis for Accessions Command to identify the impact of training capacity adjustments during the surge months. The analysis also allowed decision makers to explore shifting the available supply of ROTC graduates during the peak period into later months (December graduation) where supply could more evenly meet demand – with the potential to reduce average ROTC wait time to 85 days. This translates to newly commissioned officers idle time being reduced by 60,000 man days.

Mr. Lesinski and LTC Kucik worked collaboratively with Lt. Col. Gregory A. Lamm and John Pinter of the U.S. Army Accessions Command.

“After pitching our results, almost every stakeholder involved in our process expressed uniform excitement about the potential for ProModel and discrete event simulation to be leveraged across other military organizations,” said Mr. Lesinski.

This award is named for Dr. Wilbur B. Payne, the first to hold the office of Deputy Under Secretary of the Army for Operations Research. He served a distinguished career as an Army operations analyst and has been referred to as the “founding father” of the Army Operations Research analysis community.

### **About ProModel**

ProModel Corporation is a process optimization and decision support company that delivers predictive analytics BI solutions with innovative technology. Compared to traditional performance improvement approaches, ProModel's solutions help decision makers Make Better Decisions Faster by integrating our predictive simulation software with industry leading tools like Microsoft Office Visio™. This dramatically reduces the learning curve, time to value and enables companies to do more with less by providing more accurate, quantifiable results.

### **For additional information:**

ProModel Marketing 610-628-6842; [marketing@promodel.com](mailto:marketing@promodel.com)