You’re invited
See digitally engineered designs prove readiness

The Defense Maintenance and Logistics Exhibition

CO-LOCATED WITH THE 2019 DEPARTMENT OF DEFENSE MAINTENANCE SYMPOSIUM

visit us at booth #809

DEC. 9-11 2019
SPOKANE, WASHINGTON
By incorporating Little’s Law and simulation with Simio, levels workload with inventory in such a way that the maintenance process did not out produce the logistics tail. The result of the simulation model is a 30% increase in the process output and a reduction in spares requirements. The one-year increase of this simulation-based improvement is $10.35M.

In fleet management, aircraft undergo phase inspection to maximize aircraft availability. A simulation was modeled in Simio to develop a visual scheduling tool for flight planners who require the ability to adapt to ever changing requirements. The algorithm used in this model allows planners to give priority to aircraft that have less or acceptable risk (i.e. appropriate amount of rest between flights is met). The use of such an algorithm is expected to increase the availability of aircraft by 10-15%. The algorithm used in the model returns a “good” distribution for the fleet according to the standards of Air Force Maintenance Guidance.

Want to know how a Simio Digital Twin Proves Maintenance Readiness?

Speak with Anthony Innamorato – Simio Digital Twin Expert to schedule an appointment.

info@simio.com
412-265-1425
learn more at simio.com