

SIMULATING COMPLEX SERVICE SYSTEMS IN ARENA

Robert A. Kranz

Arena Simulation Software
Rockwell Automation
9500 Arboretum Boulevard, Suite 400
Austin, TX 78759, USA

Nancy B. Zupick

Arena Simulation Software
Rockwell Automation
2100 Corporate Drive
Wexford, PA 15090, USA

ABSTRACT

Arena has been widely used across industry, government and academia to model complex systems. New features in Arena v15, like native 64 bit extend the range of possibilities for modeling very large, complex service systems in Arena. This presentation will discuss methods and examples for modeling complex service systems with Arena simulation software. Particular attention will be paid to the features inherent within Arena that enable the efficient modeling of these systems without the need for programming.