Implementation / Programming

- **Implementation** is the process of programming a simulation model design specification by using a
  - simulation software product ([click to see a products list](#))
  - high-level programming language (e.g., C, C++, Java).

- A simulation model is decomposed into submodels (modules or components) to overcome the complexity.

- This process takes the simulation model design specification as input and produces the executable submodels as the output work product.

- For large complex M&S applications, different submodels (components) can be contracted out to different companies for development or can be developed by different teams or groups within the same company.