Production Tools - AMTRID

Production Tools' development methodology is Agile Modeling through Rapid Iterative Development (AMTRID).

Agile Modeling can best be described as:

➢ Iterative and incremental modeling
  o apply the right models, create several models in parallel, and model in small increments
➢ Teamwork
  o model with others, get active stakeholder participation, encourage collective ownership, and display models publicly
➢ Simplicity
  o create simple content, depict models simply, and use the simplest modeling tools
➢ Validation
  o consider testability, then prove the model is right with code

Production Tools combines Agile Modeling with rapid, iterative development based on the traditional systems development life cycle, which is composed of five phases:

➢ Project planning phase
  o identify the scope of the project and plan the project
➢ Analysis phase
  o understand the user needs and develop requirements
➢ Design phase
  o design the project within the parameters of the standard development environment
➢ Implementation phase
  o program, test, and pilot the project
➢ Support phase
  o provide ongoing support and enhancements for the project

Over the life of the project, each of these phases may be revisited numerous times as customer requirements are changed and/or refined. Production Tools uses joint iterative design and development with our customers in order to adapt projects to the changing demands placed on our customers by various regulatory agencies. Joint iterative design and development also allows flexibility when customer requirements change, when technology advances and development tools improve, and when new opportunities emerge. Production Tools works closely with its customers to achieve joint, rapid application development, while using a standard environment to develop and test projects during all phases of the project lifecycle.

Templates, entity relationship diagrams, development and quality environments, and standardized processes and procedures are some of the specific design and development tools used by Production Tools.