

# Accelerating Transformation

## Modernizing Application Development

### Model Driven Development Platform Delivering Explosive Productivity Gains

Hiring more enterprise software developers is not the only pathway to increase development output. We are challenging the traditional approach to software construction. Working with 27 Software will drastically increase productivity while minimizing cost. Acting on our mission to empower developers by modernizing application development, 27 Software will accelerate current and future projects.

Case study: From an existing data model (some refer to this as an Entity Relational Diagram), a big box retailer spent 15 days developing a Rest API application. 27 Software took that very same model and delivered the application in 25 minutes; reducing development time by 99%. This is one of many success stories that we have delivered to our customers over the years.

#### CURRENT APPLICATION DEVELOPMENT PROCESS

- Stage 1: Construct a data model
- Stage 2: A software application is then hand coded. Tools such as Entity Framework only provide limited automation (10- 20%) and restricts usability
- Stage 3: Agility (ability to make latter stage changes) is difficult and inefficient
- Stage 4: Apps take considerable resources to maintain and support due to bugs in the original application (inevitable with developers coding thousands of lines under tight deadlines). Support costs are often greater over time than the cost of the original application

#### INHERENT INEFFICIENCIES

- Stages 2-4 are so difficult that many companies stick with legacy applications developed decades ago, rather than attempting the risk of building something new that may not work
- It's then no big surprise that many application projects are over budget, delayed, or often not completed
- Software development methods are largely the same as they were decades ago despite the explosive growth in the field
- The default answer has been to throw more bodies at the growing demand without fixing the underlying root causes of the inefficiencies

#### NEW METHODOLOGY: 27 SOFTWARE

- Stage 1: Construct a data model. This stays the same
- Stage 2: 27 Software consumes the model and fully produces the back end of an application within minutes, while giving the developer complete control
- Stage 3: Agility (ability to make latter stage changes) is near instantaneous. Simply make changes to the model and regenerate the code with no loss of any custom changes
- Stage 4: We deliver utmost stability since the generated code is virtually error and bug free, written as if a senior developer had taken their time on each line

#### COMPETITIVE ADVNATAGE

- Stage 2 (Coding) is largely automated, generating high quality code and substantial time savings
- Agility is a breeze. The code stays in sync with all model changes with no risk of losing custom code
- Time and investment in maintenance and support is dramatically reduced
- Our platform frees a developer to spend the majority of their time on model creation, user interface, and focusing on implementing custom business processes
- Imagine the power you can harness with 27 Software

**Questions?** Email: [support@27software.com](mailto:support@27software.com) Phone: (980) 949-0014

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