Many manufacturing and building organizations are finding that customers are more sophisticated than ever before and the level of complexity they demand is on the rise. While it’s important to focus on customized and personalized services, that’s only possible when manual processes are automated and teams become more efficient.

IMAGINiT’s Software Development Solutions (SDS) team delivers innovative technology solutions that create opportunities for organizations to dramatically increase productivity and promote design and engineering excellence. We pick up where the CAD software leaves off, allowing firms to extend software systems, automate processes and improve efficiency.

**Examples of Engineer-to-Order Systems**
- Architectural building products (cast stone, cladding, etc.)
- Cell tower concealment systems
- Commercial playground layout
- Custom countertops
- Custom windows
- Equipment layout, connection, and flow
- Pre-cast concrete walls
- Prefabricated buildings

**Examples of Process Automation**
- Batch publishing of designs to different formats
- Drawing creation and update
- Intelligent bill of materials
- Planning and layout
- Project wizards
- Standardized meta data capture

**Examples of Systems Integration**
- Integrating document management systems with Microsoft Active Directory
- Integrating engineering bills of materials (BOMs) with ERP systems
- Integrating with third-party analysis tools
- Programming workflows across different systems, such as an engineering data management system and a corporate document management system
- Synchronizing architectural building information model (BIM)

**Examples of System Migration**
- Batch drawing cleanup and updating
- Batch loading of drawings, models or BOM data into external systems
- Meta data scanning and cleanup

**Examples of Keeping Legacy Applications up to Date**
- Converting legacy applications to new development platforms i.e.; from LISP or VBA to Microsoft.NET technologies
- Evaluating existing legacy applications capabilities
- Providing new capabilities inside existing legacy applications
Legacy Applications: Keep up to Date

At one time or another, most companies have performed some form of customization to streamline business processes. Over time these enhancements become critical to company operations, but were often created by resources that are no longer available, making it difficult to move forward. IMAGINiT has an extensive history of helping customers update, revise or build onto these enhancements while leveraging the success of previous customization efforts.

Key factors that set IMAGINiT apart from other firms:

- **Consultative Approach.** IMAGINiT looks at software development problems with a business lens, rather than just a CAD lens. Our consultative approach focuses on asking “the why” and identifying exactly which issue the client is trying to address.

- **Proven methodology.** We right-size our methodology for each company’s needs. Our team will design, build, and integrate applications, matching your business needs and user requirements with the appropriate technologies. We provide a comprehensive set of application engineering, platform development, and project management resources to ensure the success of every solution.

- **Industry Insight.** With a wealth of technical expertise gained from servicing organizations of all sizes and industries using multiple tools, our dedicated SDS team can provide programming and development support for practically any technology combination.

IMAGINiT Technologies is an Autodesk-authorized Developer, and a member of the Autodesk Developer Network with a large team of professional software developers dedicated to design technology automation and customization. With an extensive range of technical resources, IMAGINiT is well positioned to customize, automate and integrate your design software. At each customer, our entire team’s experience comes to bear during critical decisions. This rich knowledge base is the key to what makes IMAGINiT the ideal partner for your software development needs.