

IMAGINIT Civil 3D Health Check Data Sheet

Organizations invest in Autodesk[®] AutoCAD[®] Civil 3D[®] to deliver more innovative project solutions and gain the advantages associated with building information modeling (BIM). However, installing the software is only one part of the solution. The key to realizing the full benefits of Civil 3D is in developing the processes and systems needed to support your goals.

Moving to Civil 3D represents a "sea change" in the basic way teams work. This transition is challenging for all firms, but it's particularly difficult for large, complex, and diversified organizations. Here are common pitfalls that many teams encounter:

- > Employees spend excessive amounts of time trying to learn the new technology.
- Data management is not configured in the most optimal way. Data is not reused effectively, and data archiving, sharing and storage is inefficient.
- > Styles and settings are used inconsistently and in many cases are incomplete.

All of these issues lead to fewer billable hours and project over-runs.

Is It Time for a Civil 3D Health Check?

A successful design and engineering environment depends on configuring Civil 3D styles, settings, and features properly. The development of organization-specific styles and settings which incorporate standards is a critical step in the process of successfully implementing Civil 3D. Without which the true benefits of Civil 3D cannot be fully realized. The creation of the needed styles and settings however, is time-consuming and detail-oriented and is work best done by experts.

IMAGINIT's Civil 3D Health Check is designed to identify the processes and system configurations that enable organizations to work more efficiently than ever before. The IMAGINIT team has expertise in the technology, workflow, training, and customizations associated with Civil 3D. They have led hundreds of implementations and worked with firms of all sizes to enhance their productivity.

A Civil 3D Health Check uses IMAGINIT's Assured Implementation Methodology (AIM) to quickly and effectively evaluate an organization's current working environment and the utilization of Civil 3D. Using AIM, the IMAGINIT team analyzes three fundamental areas:

- 1. People. The goal is to assess the organization's understanding of the currently deployed technology, as well as the existing skill set.
- 2. Process. Data sharing, project workflows, and data management are examined to determine strengths and areas of weakness.
- Technology. The project team evaluates CAD standards, styles and settings including current utilization of the software in light of leading practices and current industry trends.

The IMAGINIT team uses a five step process to generate an actionable report which outlines what organizations can do to take technology, processes, and profitability to the next level.

1. Process and Workflow Review	 Team members are interviewed to identify project lifecycles, workflows, data management, and collaboration practices.
2. User Assessments	 Assessments are customized based on key topics identified in the workflow review. The goal is to identify specific functional areas where skill levels could be improved through training.
3. Template and Standards Review	 Client templates are analyzed to determine whether they are fully developed. The quality of the standards setup is checked. Key questions include whether required styles exist, how styles are built, and whether areas of improvement exist.
4. Documentation and Recommendations	 The Health Check team makes recommendations for improving Civil 3D templates, as well as work flow and data management practices. Applicable training needs are also identified.
5. Report Delivery	 The report and scorecard describe how well projects and processes are performing and identifies team stumbling blocks. The report includes a roadmap for future improvements.

IMAGINIT's Civil 3D Health Check provides a reliable path to collaborative workgroup productivity. Key benefits include:

- 1. Realization of the full potential benefits of Civil 3D.
- 2. Recommendations of current CAD standards based on industry best practices to ensure consistency and data reuse.
- 3. An understanding of how proficient end users are at using Civil 3D in their work environment.

After a Civil 3D Health Check, teams can explore design options more easily and efficiently, analyze project performance, and deliver consistent, higher quality documentation.

About IMAGINiT Technologies

IMAGINIT Technologies, a Rand Worldwide Company, is the world's largest provider of enterprise solutions to the engineering community, including the building, manufacturing, civil and mapping industries. With 20+ years' experience, and 45 offices throughout North America, we provide the expertise, training and support to help companies realize the full power of design technology, maximize ROI and gain competitive advantage.

IMAGINIT is a leading provider of Autodesk software solutions and the largest North American Autodesk Authorized Training Center (ATC) partner. All of our locations are supported by a vast pool of engineering resources focused on developing real-life business solutions for their local clients.



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