

DIGITAL DESIGN AND MODELING SERVICES FREQUENTLY ASKED QUESTIONS

Question 1

What design products do Digital Design and Modeling Services support?

Digital Design and Modeling Services primarily supports the Autodesk Architecture Engineering & Construction (AEC) Collection as MDT's core design platform. Supported products and platforms include:

Core Design: Autodesk Civil 3D, fully integrated with the MDT State Kit.

Collaboration & Cloud: Desktop Connector, and Autodesk Forma.

Specialized Applications: Transoft Solutions products; including GuideSIGN, Torus, and AutoTURN.

Multi-Platform Support: While the focus is on the Autodesk suite, the team continues to provide technical support for Bentley products and other legacy platforms for active projects.

Question 2

What is the MDT State Kit?

The MDT State Kit is a collection of Civil 3D resources developed specifically for MDT standards. The MDT State Kit is maintained by the CAD team with collaboration efforts from consultants and other state DOT's like WisDOT and Alaska DOT.

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Question 3

What is the purpose of the MDT State Kit?

The MDT State Kit serves as the foundation for statewide engineering data standards. It is designed to:

- **Maintain Consistency:** Establish uniform drafting and modeling standards across all MDT projects.
- **Ensure Compatibility:** Enable smooth data exchange and collaboration between MDT, external consultants, and contractors.
- **Enhance Usability:** Improve the quality of design models to ensure they are "construction-ready" and valuable for long-term asset management.

Question 4

What are the current versions of software that Digital Design and Modeling supports?

The current major software support versions are as follows:

<i>MDT State Kit</i>	<i>v2026.x.x</i>
<i>MDT State Kit Updater</i>	<i>v2026.x.x</i>
<i>Autodesk Suite Products</i>	<i>v2026</i>
<i>Transoft Products</i>	
<i>GuideSIGN</i>	<i>v2025.x.x.x</i>
<i>AutoTURN</i>	<i>v2026.x.x.x</i>
<i>Torus</i>	<i>v2026.x.x.x</i>
<i>Bentley MicroStation V8i</i>	<i>v08.x.x.x</i>
<i>Bentley Power GEOPAK V8i</i>	<i>v08.x.x.x</i>

**We are continuously working to stay up to date on software versions. MDT upgrades the Autodesk Suite on all even number years. For any other information on supported software and versions please contact the Digital Design and Modeling Services team.*

Question 5

What kind of features are included in the MDT State Kit?

The MDT State Kit consists of but is not limited to: Custom MDT Tools and Design ribbons, MDT standard drawing templates (.dwt), preconfigured Civil 3D styles (surfaces, alignments, profiles, corridors, pipe networks, labels, etc.), workgroup specific layers and layer states, custom assemblies and subassemblies with MDT code set styles, and sheet layout and plotting configurations.

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Question 6

Where do I find out what has been updated in previous MDT State Kit releases?

Digital Design and Modeling Services updates the “What’s New” document with each MDT State Kit release. The “What’s New” is a detailed with versioning, date, issues, solutions, and files updated in each state kit version.

To view the “What’s New” document browse to the [MDT Civil 3D State Kit](#) button within the Autodesk tile on the [Project Development and Delivery](#) page or click [here!](#)

Question 7

How do I install the MDT State Kit?

Browse to the [Project Development and Delivery Resources](#) page, click the MDT Civil 3D State Kit button on the AutoCAD / Civil 3D tile. Once on the MDT Civil 3D State Kit page, click the [Start Up Guide\(s\)](#) link for documentation and install instructions.

Question 8

How do I submit a question if something isn’t working on the State Kit?

Visit the [Project Development and Delivery Resources](#) page, click the Open a Case button, and follow through with the Citizen or State Login profile.

Web Links

Project Development and Delivery Resources page

<https://www.mdt.mt.gov/business/dgtdlv/resources.aspx>