

# Russia Productivity Tools for AutoCAD® Civil 3D® 2016

## Thank you for downloading the Russia Productivity Tools for AutoCAD® Civil 3D® 2016

The **Russia Productivity Tools for Autodesk® AutoCAD® Civil 3D® 2016** is a package of tools designed to work with common Russia Standards in a single download. This package includes the following installers:

### Autodesk® Cartogramma Utility

This readme contains the latest information regarding the installation and use of this extension. It is strongly recommended that you read this entire document before you apply these extension to your product. For reference, you should save this document to your hard drive or print a copy.

### General Installation Information

As you prepare to install these extensions, keep the following in mind:

<b>Language Version</b>	This extension can be installed on any language version of AutoCAD Civil 3D 2016 on all supported operating systems. Be sure to install the correct extension for your software.
<b>AutoCAD Entities</b>	This extension creates base AutoCAD entities. There is no change to the AutoCAD Civil 3D drawing format and these objects can be used in other applications.
<b>Apply Service Packs</b>	Autodesk strongly encourages all AutoCAD Civil 3D users to download and apply service packs. This extension officially supports AutoCAD Civil 3D 2016 any future services packs that Autodesk may release.
<b>Back Up Custom Files</b>	It is recommended that you back up all custom CUI, MNR, and MNL files before you apply this extension.
<b>Administrative Privileges</b>	During installation, you will be prompted for the original installation media or a network image. In order to apply this extension, you must have administrative privileges to install and uninstall products.
<b>Reboot</b>	After you install, it is recommended to reboot your system even if not prompted.
<b>Uninstall</b>	This extension can be uninstalled by selecting the applicable extension in Control Panel. All files and command access options including menus will be removed.

### Autodesk® Cartogramma Utility

The **Autodesk® Cartogramma Utility 2016** is a graphical representation of earth works in designed area. Locations and quantities of cut and fill areas are precisely determined. The Cartogramma Utility consists of the following features:

- Site boundary
- Regular grid which divides site area to rectangular or polygonal cells. Grid corresponds to the current coordinate system
- Existing elevation label in every cell corner
- Designed elevation label in every cell corner
- Elevation difference label in every cell corner
- Volume label in every cell. If cell is divided with zero-line to sub cells, every sub cell have its own volume label
- Zero-line, border between cut and fill areas
- Cut and fill area hatches
- Cell volume column summary table. It is located under the layout.

### **Installation**

Extract the C3D\_2016\_RUSSIA\_PROD\_TOOLS\_64bit.zip to your desktop. Once extracted, launch the Cartogramma Extension installer by running the Setup.exe from your desktop. Follow the instructions on screen to complete the installation. Once installed, users can access the Cartogramma Utility command via the Civil 3D Toolbox. A new entry will be created under the "Subscription Extension Manager" toolbox category.

