CorelCAD 2023 Professional CAD Software for 2D Drafting, Instructions

CorelCAD 2023 Professional CAD Software for 2D Drafting

This document contains information for IT administrators that need to deploy CorelCADTM 2023 in a network.

The instructions in this document refer to CorelCAD 2023 for Windows, being deployed to Windows 10 or Windows 11 workstations.

Note for Apple macOS: CorelCAD 2023 for macOS does not support any deployment mechanisms. Please install CorelCAD 2023 directly from DVD, ISO image or download installation files (DMG). Please read the additional notes related to product activation in the "Activating CorelCAD 2023 installation server image" section in this document.

Contents

Workstation requirements

You can install CorelCAD 2023 for Windows on workstations that meet the following minimum requirements:

- Microsoft® Windows® 11 or Windows® 10 (Version 21H1 or later), 64-bit, with latest Updates
- Intel Core 2 Duo, or AMD Athlon x2 Dual-Core processor · 4 GB RAM (8 GB or more recommended)
- 1.5 GB available hard disk space
- 3D Graphics accelerator card with OpenGL version 1.4 (OpenGL version 3.2 or better recommended)
- 1280 x 768 screen resolution (1920 x 1080 (Full HD) recommended)
- Mouse or Tablet
- Microsoft® .NET Framework 4.7.2 (setup is included and will be installed with the application if not present)
- Microsoft Visual C++ 2015-2019 (setup is included and will be installed with the application if not present)

Deploying CorelCAD 2023 for Windows

Deploying CorelCAD 2023 for Windows is done in 2 stages:

1. Creating a server image of the installer files
2. Installing the software to the client PCs

Creating a server image

CorelCAD2023_x64.exe (as either downloaded from coreldraw.com or received on DVD or in mounted ISO image) contains all files needed to deploy the application in the network.

For installing the application to multiple PCs in the network you need to extract the installation files to a network share using an administrative installation as initial step:

Preparing software deployment / Creating an administrative setup:

To initialize the setup for creating a server image, you use a command line.

The following command line lets you create a 64-bit server image from the installation disc (where X: is the disc drive, U: is the target network share for the installation files to be placed):

X:CorelCAD2023_x64.exe /a "U:ServerImagesCorelCAD2023_x64"

This will create the following items:

\files\program files	*CorelCAD administrative install files*
.\files\CorelCAD_2023_SP0.msi	*CorelCAD 2023.0 administrative installer*
.\files\NDP472-KB4054530- x86-x64-AllOS-ENU.exe	*Microsoft .NET Framework 4.7.2 Setup*
.\files\vc140_vcredist_x64.exe	*Microsoft Visual C++ 2015 Redistributable*
\files\vc170_redist_x64.exe	*Microsoft Visual C++ 2019 Redistributable*
\files\vsta_setup.exe	*Microsoft VisualStudio Tools for Applications installer file*
.\CorelCADInstaller.exe	*The install chainer*

Activating CorelCAD 2023 installation server image

CorelCAD 2023 needs to be activated to run with all features enabled. Without product activation the application will only start in Demo mode (with limited functionality, no output (save, export, print) capabilities), asking for a product activation every time it is started.
When deploying the software to multiple clients you can use a central activation which is stored with the administrative installation in a license file on the server image.

How to obtain CorelCAD activation for network deployment?

For any license order of CorelCAD 2023 you receive an electronic license confirmation by email. In that confirmation email you will find a link to the license media download and serial no. which is the basis for your software activation.

The CorelCAD serial no. (aka "product key") is a 27-digit code that looks like this:
218180001234567890ABCDEFGHI

Please contact Corel Customer Service for obtaining a license code for your respective serial no.
Corel Customer Service can be contacted using the support request form on
https://www.coreldraw.com/support/. Select "Create Support ticket" and enter your contact details and the following information in the corresponding fields in the online form:

Create Support ticket ✕

Click below fo

Q Search Know

Product:*

CorelCAD ⌄

OS:*

Windows ⌄

OS Version:

Windows 10 64-bit ⌄

Version:*

2023 ⌄

Issue Type:*

Volume License Request ⌄

Serial Number / Order#:

Enter the 27-digit product key (starting with 218180...) here

Email:*

Subject:*

Request for license key for software deployment

Description:*

Install & activate

Tutorials for product
installation

Join the CorelDRAW
Community

Meet, share and learn from ot
users in our online communiti

- Product: Select "CorelCAD"
- Version: Select "2023"
- Issue Type: Select "Volume License Request"
- Serial Number / Order#: Enter the product key/serial no. from your license order confirmation
- Subject: Request for license key for software deployment
- Description:

  Product key (serial no.): Host ID: ANY (activation required for software deployment)
- File Upload: Please attach your order confirmation email (as PDF) as proof of purchase.

Submit the request with click on the **SEND** button at the bottom of the form.

You will receive a license code from Corel Customer Service in an email. Please allow for 1-2 business days for receiving the license code.

The license looks like the following one:

LICENSE graebert gde_332 12.0 permanent uncounted hostid=ANY platforms=" x64_w x64_m ppc_m "
LICENSE graebert gde_332 12.0 permanent uncounted hostid=ANY platforms=" x64_w x64_m ppc_m "
options=CC21C22_218180001234567890ABCDEFGHI disable=TerminalServerAllowRD _ck=ab12cd34ef

sig="10NG456ABCD06HVJDUSXYZ8VYQYB4Q8J8KJDF6822CW2UFP 1CK85U09FKHHK438ERCB3Z5XY

Integrating the license code with the server image

Go to the CorelCAD 2023 server image root folder and navigate to \files\program files\Corel\CorelCAD 2023\BIN\ folder.

a) Select the "corel.lic" text file in that folder.
Open the blank file for editing using a text editor (e.g. Notepad).
b) Copy the license code that you have received from Corel Customer Service and paste the full license string into the corel.lic file.
c) Save the corel.lic file in its original place (\files\program files\Corel\CorelCAD 2023\BIN\).

With the valid license code entered in the corel.lic file all application installations from that server image will use this license and don't need to be activated individually.

Note: When installing client PCs from a server image without a valid license file (e.g., empty corel.lic file) the software will not be activated in those installations. As a result, the application will run in Demo mode only and ask for an activation every time it is started on the client PC.

Note for installation on macOS: The license string received for the network deployment of CorelCAD 2023 can be used for activating CorelCAD 2023 on macOS as well. Enter the license string in CorelCAD 2023 on macOS in the product activation dialog, following the steps in the "Enter license key" activation option.

Installing the software to client PCs

For deploying the software to client PCs you need to run the install chainer file from the server image.
To ensure that the pull-installation process runs as smoothly as possible, take the time to prepare for it.

Requirements

- Confirm that each workstation meets the minimum requirements for the software (see "Workstation requirements" on page 1).
- Confirm that each workstation user has read-only access to the server image and administrator-level access to the workstation.
- CorelCAD 2023 x64 can only be installed on Windows 11 64-bit or Windows 10 64-bit.

Carrying out a pull installation

For pull installations (installation initiated on the client PC) run **CorelCADInstaller.exe** in the root directory of the server image (created using instructions above)

Example: U:\ServerImages\CorelCAD2023\CorelCADInstaller.exe

This opens a dialog-based setup. You can decide whether or not to install Microsoft Visual Studio Tools for Applications (VSTA), and the default setup for CorelCAD will be started with full setup UI (including selection of installation path, creation of Start menu entries etc.).

Note that MS VSTA is enabled by default.

Command line options for client installation

The following options can be set when invoking the client installation using the install chainer from the administrative installation of CorelCAD 2023:

Installing without MS VSTA

Microsoft VisualStudio Tools for Applications (automation interface) can be skipped for installation. Note that when skipping this component CorelCAD will not have VSTA Manager and corresponding macro recording/ editing options enabled!

Parameter	/novsta
Purpose	VSTA will be disabled (not selected) from installation with CorelCAD.
Example:	U:\ServerImages\CorelCAD2023\CorelCADInstaller.exe /novsta

Note: If setup is used in UI mode (no use of /quiet parameter) the installing user can enable MS VSTA for installation in the setup dialog.

Silent installation

You can install CorelCAD from a server image without displaying a setup UI. The application will be installed in the default installation directory (C:\Program Files\Corel\CorelCAD 2023) and with Start menu entries.

Parameter	**/quiet**
Purpose	Installs or updates the application in quiet (passive) mode. CorelCAD installation will be executed in passive mode. If /novsta is used in combination with /quiet the VSTA environment will not be installed.
Example	U:\ServerImages\CorelCAD2023\CorelCADInstaller.exe /novsta /quiet

Note: When installing silently the end user license agreement (EULA) will be presented to the user on 1st application startup. In order to use the application, the user will have to accept the EULA once (at 1st application startup). Without accepting the EULA, the application will not run (cancelled on startup).

Documents / Resources

	COREL CorelCAD 2023 Professional CAD Software for 2D Drafting, [pdf] Instructions CorelCAD 2023, Professional CAD Software for 2D Drafting, Professional CAD Software, CAD Software, Software

References

- **Graphic Design, Illustration and Technical Software | CorelDRAW**
- **Support | CorelDRAW**

Manuals+,