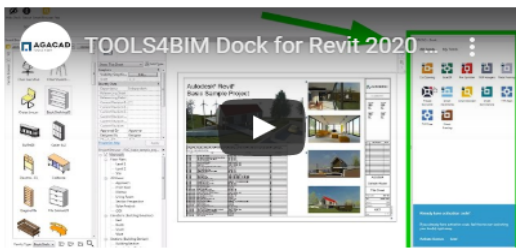# Introduction

Modified on: Tue, 16 Jun, 2020 at 5:15 PM

Smart Connections is a BIM Solution for Revit. It can instantly add any number of face-specific intelligent details. Details can adapt to host-element changes according to predefined rules.

TOOLS4BIM Dock download page

ONE Shortcut to ALL Trials, Tools, Updates, and more...

All AGACAD-developed Autodesk® Revit® add-ons and BIM Solutions are accessible through the TOOLS4BIM Dock, a separate window in Revit that works like the Project Browser/Properties windows. This tool manager is a practical and powerful way to simplify the installation, activation, and usage of Revit apps.
Read more

📄 **Dock & Tool** Installation Instructions for 2020
📄 **Dock & Tool** Installation Instructions for 2018-2019

○ for Revit® 2020
○ for Revit® 2019
○ for Revit® 2018

⬇ **Download TOOLS 4 BIM DOCK**
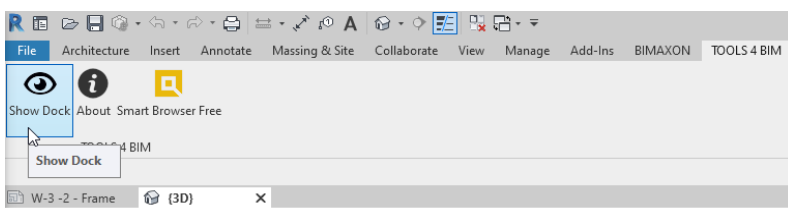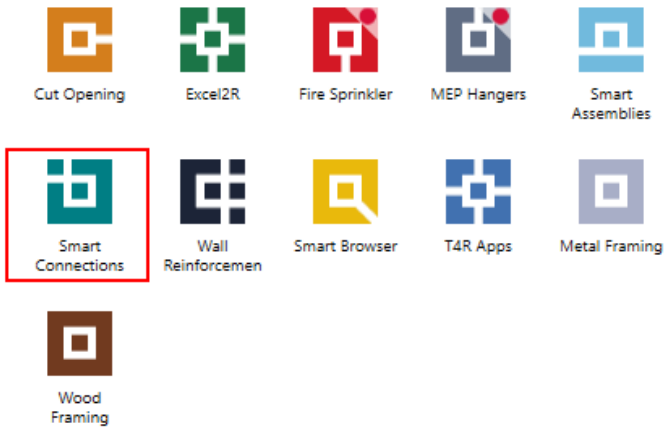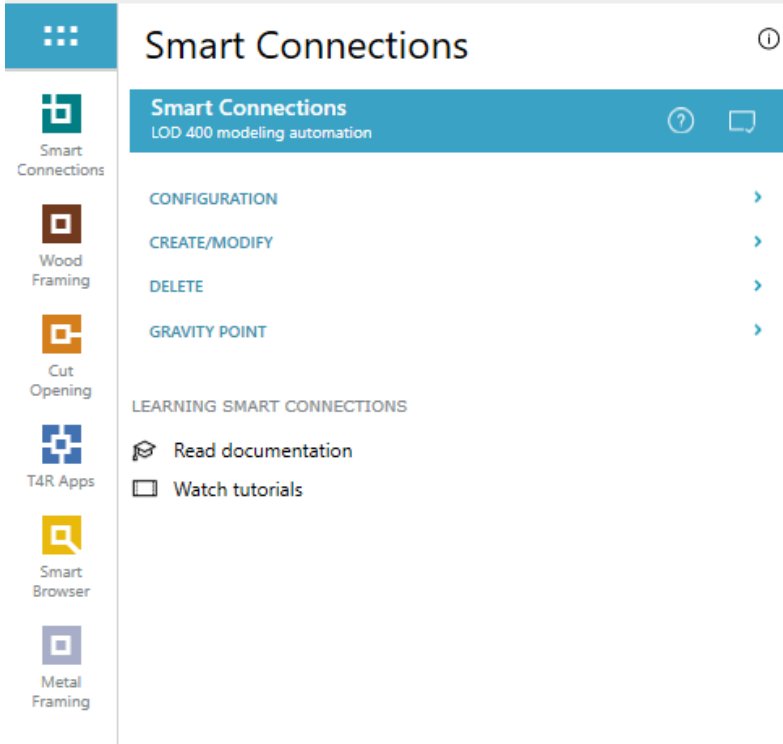*Version 1.0.1.0 Build: February 05, 2020*

Every install supports the corresponding Autodesk® Revit® 32-bit and 64-bit versions.

Operating systems: MS Windows® 10, MS Windows® 8.1, MS Windows® 8, MS Windows® 7.

Language: English.

▪ Start Revit
▪ Select Show Dock in TOOLS 4 BIM tab
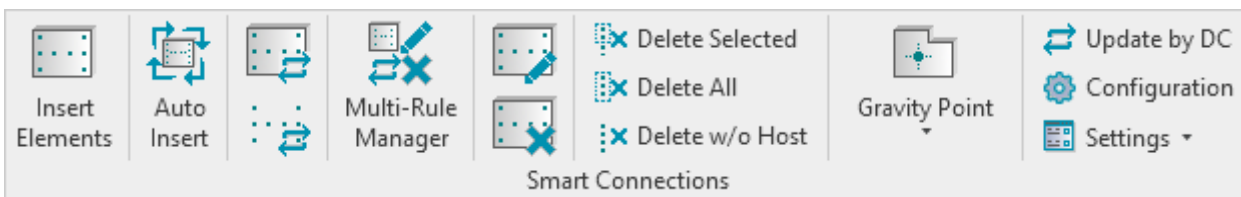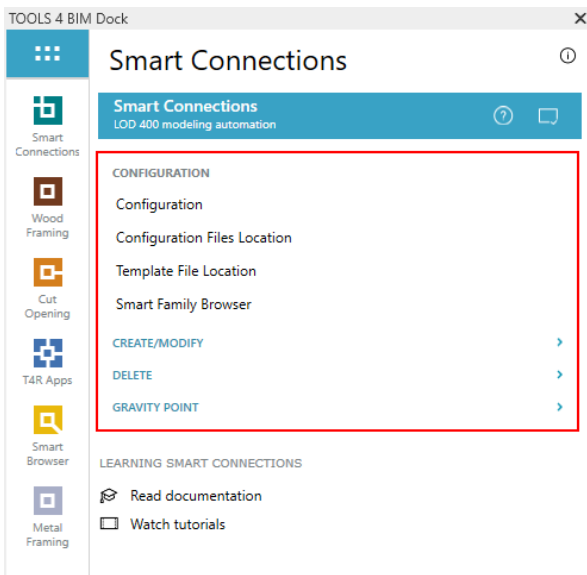▪ Select Smart Connections in the Dock

TOOLS 4 BIM Dock   ✕

All Tools   **My Tools**

Cut Opening   Excel2R   Fire Sprinkler   MEP Hangers   Smart Assemblies

Smart Connections   Wall Reinforcemen   Smart Browser   T4R Apps   Metal Framing

Wood Framing

TOOLS 4 BIM Dock   ✕

⣿   **Smart Connections**   ⓘ

🔲   **Smart Connections**   ⑦ ▢
      LOD 400 modeling automation

Smart Connections

🔲   CONFIGURATION   ›
Wood
Framing   CREATE/MODIFY   ›

🔲   DELETE   ›
Cut
Opening   GRAVITY POINT   ›

🔲
T4R Apps   LEARNING SMART CONNECTIONS

🔲   🎓 Read documentation
Smart
Browser   ▢ Watch tutorials

🔲
Metal
Framing

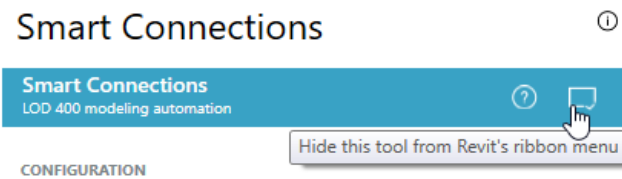▪ There are two ways to work with Smart Connections:

    – by using commands from TOOLS 4 BIM Dock, Tools tab
    OR
    – by using commands from T4R Create/Modify - Smart Connections ribbon

Note: To turn ON Smart Connections in the ribbon, click the show/hide icon in the Dock

Updates

▪ Several times per year, we release updates and improvements
(A red dot in the Dock means that updates are available.)

TOOLS 4 BIM Dock   ✕

Updates   ✕

2 updates available   Update all

Fire Sprinkler   Update

Whats new?

MEP Hangers   Update

Whats new?

AGACAD

🔔 ⊙ ? ⚙

TOOLS 4 BIM Dock   ✕

Updates   ✕

2 updates available   Update all

Fire Sprinkler   Update

Whats new?