

# CTC BIM Data Suite – README FIRST!

The BIM Data Suite family of products consists of several components, whose overall primary function is to store information about Revit work in a database located in your Microsoft SQL Server, allowing you to then generate reports about the work going on in Revit, or have your SQL team integrate that data with other systems you may have.

- 1) BIM Data Suite (ships as part of the CTC BIM Suites installer)
  - Revit addins consisting primarily of Project Snapshot Exporter
  - Licensed on the Revit workstation, like other products such as BIM Project Suite
  - Comes with a PowerBI sample report
- 2) Project Activity Logger (ships as part of the CTC BIM Suites installer, requires configuration to activate it)
  - Revit addin for logging user-level activity data while in Revit
  - Does not require a license on the Revit workstation
  - Comes with 2 PowerBI sample reports
- 3) BIM Data Admin
  - Windows program to define logical projects in the database, and to delete old data from the database
  - This is a free tool, no license required
- 4) BIM Data Suite Servers
  - 3 Services (one for each of the tools listed above) to connect them to your Microsoft SQL Server
  - The Project Activity Logger service is licensed separately, on the server

BIM Data Suite and Project Activity Logger are installed with the CTC BIM Suites installer. BIM Data Admin and BIM Data Suite Servers have their own installation programs, which **do** require the user to have administrative privileges to install them.

The overall installation order should be:

- 1) Install and configure Microsoft SQL Server (NOT the Express edition) version 2008 R2 or later
- 2) Install BIM Data Suite Servers
  - Typically installed on a server(s) other than the SQL server
  - Select only the services of interest during the installation
  - Project Snapshot Server is recommended to run on a dedicated computer
- 3) Restore the backup database (CTCBIMData) that comes with BIM Data Suite Servers into your MS SQL Server, then apply permissions to the database per instructions provided
- 4) Install and configure the appropriate client software
  - Project Activity Logger (part of the CTC BIM Suites installer)
  - BIM Data Suite (with the Project Snapshot Exporter tool, part of the CTC BIM Suites installer)
  - BIM Data Admin (only installed for the appropriate admin users on their workstations)

There are several documents which explain each of these components as well as provide information about installing and configuring them.

The following documents are provided with the software, with the recommended reading order listed below (depending on which installers you received and what level of assistance you need):

- 1) All Products
  - a. BIM Data Suite README FIRST!.pdf (this document)
  - b. CTC BIM Data Suite Infrastructure Notes.pdf
- 2) BIM Data Suite (includes the Project Snapshot Exporter and Project Activity Logger Revit add-ins)
  - a. CTC BIM Suites Installation and Configuration Guide.pdf
  - b. CTC Project Snapshot Reporting Guide.pdf
  - c. CTC Project Activity Logger Data and Reporting Guide.pdf
- 3) BIM Data Suite Servers and BIM Data Admin
  - a. CTC Microsoft SQL Server Installation and Configuration Guide.pdf
  - b. CTC BIM Data Suite Servers Installation and Configuration.pdf
  - c. CTC BIM Data Admin User Guide.pdf
  - d. CTC Project Snapshot Reporting Guide
  - e. CTC Project Activity Logger Data and Reporting Guide