

Aras 3DV Architecture Overview

Aras 3D Visualization is modular and flexible.

The modularity is the Aras 3DV delivery as a set of the following components:

- **Aras CAD Converter:** This is a generator of viewable files that converts native 3D CAD files to formats such as PDF, XML, SCS, SCZ, PNG, and PRC by default.
- **Aras 3D Viewers:** This is a core 3D Visualization functionality that is the Monolithic 3D Viewer and a prerequisite for the Dynamic 3D Viewer.
- **Aras Dynamic Visualization:** The Dynamic 3D Viewer that includes the Dynamic Product Navigation (shattered viewing) and configuration capabilities for the 3D and Tree Grid Views based on selected Query and Dynamic View Definitions. It requires Aras 3D Viewers.
- **Aras Streaming Viewer (Hoops Server):** The Hoops Server provides the ability to use HOOPS Communicator server-side streaming for geometry data.

The flexibility is the possibility to install one, many, or all Aras 3D Visualization components on one or multiple machines per an organization's needs.

For more information on different viewers in Aras 3DV, please refer to *Aras 3D Visualization 35 - Administrator Guide*.

