

Parijat 3D Model Real-time Data Interface

NGC-0210

Graphics Parijat 3D Model Real-time Data Interface is a software middleware app that provides data from PCI Scada server or other apps to various products like AutoCad (2D, 3D, RevIt, Fusion, Inventor, Navisworks), Cadworkx, Unity3d, Unreal Engine, AWS digital twins, AWS IoT Twinmaker, MS Azure Digital Twin, Solidworks, Google 3D view, Maps, Sketchup, MS Bing 3D map etc.

Features:

- Use scripting on model software side to perform additional animations
- Supports Modbus or optionally any other Parijat supported protocol on field side.
- Hook with real time data from PLCs, VFDs, RFID, UWB, iBeacons, Scales, IoT Edge devices
- Link from field side tags to model side via a text file like Jason or XML.

3D Model Interface

INPUT		Output
PLC	Parijat Appliance	AutoCad
RFID		CadWorkx
Scales		Digital Twins -
IoT Edge		Azure/AWS
		Google 3D -
		Sketchup,
		View, Maps
		Bing 3D maps
		Solidworks

Technical Specification:

- Unlimited tags supported
- Limited by the animation capability of Model only.
- Use XML to exchange additional data with the PLC of your choice via the PCI drivers of Scada server.

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5/14/2022 Revit, CAD, AutoCAD, Cadworkx, Solidworks AWS IoT Twinmaker, Azure Digital Twins