

# APT®/FTSolution for APT®: Unlock the Future with Seamless OPC UA Integration

*Comprehensive Integration Solution for CTI and Legacy Siemens 505® PLC Systems*



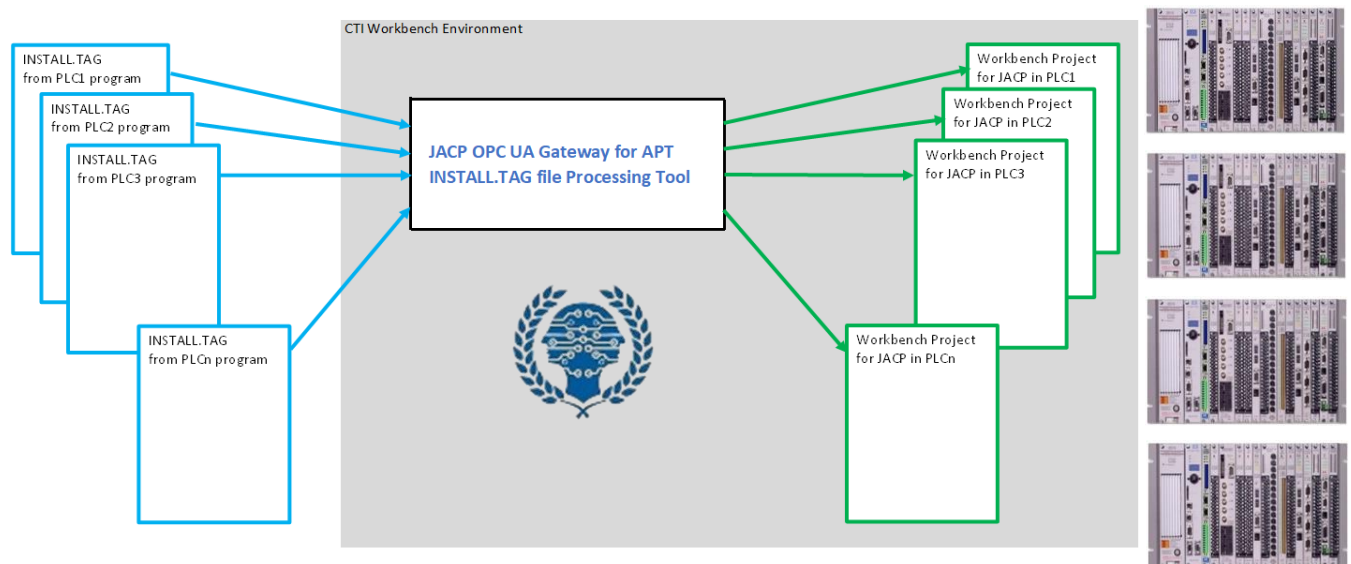
Interfacing a SCADA or HMI OPC UA Client to your CTI (or Siemens 505) PLC programmed using the obsolete Siemens APT® language or its modern FasTrak successor, FTsolution® for APT, has long been a complex challenge. Both languages may reallocate PLC memory for tags whenever recompiled, depending on programming changes. This means that whenever the 'INSTALL.TAG' file changes, the OPC UA definition must be updated, leading to downtime or worse, such as a potential mismatch that poses a risk of hurting people or damaging equipment.

Together with the **CTI 2500P-JACP Janus Application Coprocessor used as an OPC UA Server**, our comprehensive solution includes a tool for effortlessly bridging the gap between the INSTALL.TAG file from APT®/FTsolution® for APT and modern OPC UA standards.



With our solution, there is no need for an additional PC to handle OPC UA Server software.

What truly sets our solution apart is the new **JACP OPC UA Server for APT INSTALL.TAG File Processing Tool** from NAPA International France. This tool automatically reads one or several 'INSTALL.TAG' files generated by APT® or FTSolution for APT®, and instantly generates corresponding XML files for import into Janus Workbench Software (“JSoft”) to be downloaded to JACP. This automates the creation of JACP applications, each configured as an OPC UA server, ready to connect to your SCADA system OPC Client.



This hardware and software combination allows you to program/online-update the JACP(s) in a matter of seconds to function as an OPC UA server that seamlessly interfaces with the CTI 2500 Series Cx00 (or Legacy Siemens 505) Processor running your APT or FTS programs via the CTI Enhanced Data Cache.

With each PLC requiring its own dedicated JACP and corresponding OPC UA server application, our solution ensures full compatibility and smooth operation across all your systems. This is not just a temporary fix—it's a sustainable, future-proof investment that modernizes your infrastructure without discarding valuable existing assets.

The OPC UA protocol provides robust advanced security features to protect data shared between devices. This includes end-to-end encryption, certificate-based authentication and digital signature mechanisms to ensure integrity and privacy.

**Upgrade with confidence, minimize disruption, and enter the modern OPC UA paradigm with ease.**

Do not hesitate to contact us at [support@napa.fr](mailto:support@napa.fr)

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