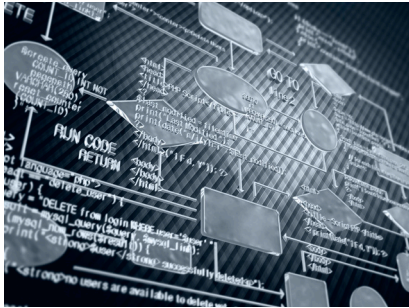


# Sedona Framework™ TXS 1.1



## Overview

The Sedona Framework™ TXS 1.1 software package is a collection of commercially available value added components designed to work with the Niagara<sup>AX</sup> Framework™ and Sedona Framework software to enhance device integration, ease programming, facilitate commissioning, aid in debugging and simplify the provisioning of Sedona Framework enabled devices.

Niagara<sup>AX</sup> driver support for Sedona Framework enabled Jennic 802.15.4 wireless, Ethernet and Wi-Fi devices makes it easier to

integrate these devices into platforms running Niagara<sup>AX</sup> 3.6 or later. SOX Tunneling allows for greater remote access to networks of Sedona Framework enabled devices by allowing the Niagara<sup>AX</sup> Workbench tool to connect through a Niagara<sup>AX</sup> JACE or Web Supervisor platform to Sedona Framework enabled devices. The Kit Manifest Manger is designed to reduce the time and effort spent managing kit manifests databases between the Sedonadev.org Website, Workbench Tool and Niagara<sup>AX</sup> platform databases by providing a tool within the Niagara<sup>AX</sup> and Sedona Workbench for the synchronization of kit manifests between the databases. The RF Network Visualization Tool aids in the debugging of Sedona Framework enabled Jennic 802.15.4 wireless device networks by allowing users to see a visual representation of the RF Network, determine the RF signal strength between devices, and quickly note any alarm conditions associate with each RF device. CHoPAN (Compressed HTTP over Private Area Networks) communication allows for the deployment of larger networks of Sedona Framework enabled Jennic devices and for Peer-to-Peer communication between these devices by reducing the amount of network data traffic and allowing for the peer-to-peer exchange of data between Sedona Framework enabled Jennic devices

## Features

The Sedona Framework TXS 1.1 software package includes the following features for Sedona Framework enabled Ethernet, Wi-Fi and Jennic 802.15.4 wireless devices:

- Sedona Framework enabled Jennic 802.15.4 wireless network and Sedona Framework enabled Ethernet/Wi-Fi network driver support for Niagara<sup>AX</sup> 3.6 platforms
- SOX Tunneling support for Niagara<sup>AX</sup> 3.6 or later enabled JACE and Supervisor platforms
- Manifest Manager support for Niagara<sup>AX</sup> 3.6 or later Workbench Tools
- RF Network Visualization Tool for Niagara<sup>AX</sup> 3.6 JACE platforms running Sedona Framework enabled Jennic 802.15.4 wireless networks
- CHoPAN Peer-to-Peer communication support for Sedona Framework enabled Jennic 802.15.4 wireless networks running the Sedona Framework Chopan kit made available as part of Sedona Framework TXS 1.1 or later

## System Requirements

Niagara<sup>AX</sup> version 3.6 or later running on a JACE 2/6/7, JACE 2/6-XPR, JACE-NXT, Web Supervisor or Workbench platforms licensed for the Sedona Framework Jennic 802.15.4 wireless network and/or Sedona Framework Ethernet/Wi-Fi network features.

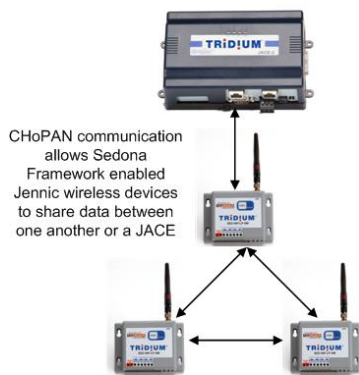
## Ordering Information

Model Number	Description
DR-SOX-JEN-AX	Sedona Framework driver allowing for JACE communication to Sedona Framework enabled Jennic 802.15.4 wireless devices with unlimited driver network point and device counts. Sedona Framework Jennic Option Card for RF communication NOT INCLUDED. Requires Niagara <sup>AX</sup> 3.6 or later.
DR-SOX-ETH-AX	Sedona Framework driver allowing for JACE communication to Sedona Framework enabled Ethernet and Wi-Fi devices with unlimited driver network point and device counts. JACE Wi-Fi option card NOT INCLUDED. Requires Niagara <sup>AX</sup> 3.6 or later.
DR-NPB-SOX-JEN-AX*	Sedona Framework driver with Sedona Framework Jennic Option Card for JACE communication to Sedona Framework enabled Jennic 802.15.4 wireless devices with unlimited driver network point and device counts. Sedona Framework Jennic Option Card for RF communication INCLUDED. Requires Niagara <sup>AX</sup> 3.6 or later.
NPB-SED-001*	Sedona Framework Jennic Option Card for JACE platforms. Sedona Framework Jennic 802.15.4 wireless network software driver NOT INCLUDED.
DR-S-SOX-ETH-AX	Sedona Framework driver allowing for Supervisor communication to Sedona Framework enabled Ethernet and Wi-Fi devices with a limit of 1000 network points. Requires Niagara <sup>AX</sup> 3.6 or later.
DR-S-SOX-ETH-500	Additional 500 point block for Sedona Framework driver allowing for Supervisor communication to Sedona Framework enabled Ethernet and Wi-Fi devices. Requires Niagara <sup>AX</sup> 3.6 or later.
T-SED-WB	The Sedona Framework Workbench is design solely for engineering Sedona Framework enabled Jennic 802.15.4, Ethernet and Wi-Fi devices. The Sedona Framework Workbench is not designed for engineering Niagara <sup>AX</sup> platforms including Niagara <sup>AX</sup> JACE or Web Supervisors. Sedona Framework USB dongle NOT INCLUDED.

\*See the Sedona Framework Jennic Option Card (NPB-SED-001) Datasheet for additional information and optional/replacement parts

## Architectures

CHoPAN communication for Sedona Framework enabled Jennic wireless networks



Network Visualization Tool for Sedona Framework enabled Jennic Wireless Networks

Niagara<sup>AX</sup> Workbench creates a visual representation of the Jennic wireless network to aid in debugging the RF network connections



Sedona Framework kit  
Manifest Manger for  
managing kit manifest  
databases



Niagara<sup>AX</sup> Drivers for  
Sedona Framework  
enabled Jennic and  
Ethernet/Wi-Fi devices

