XPP Web Services (SOAP) API
End of Support Announcement

February 23, 2024

Announcement

XPP RESTful Web Services was introduced in July 2020 as part of our XPP modernization strategy. It is now the industry standard expected with all software products. This is the API implementation we will continue to support and enhance going forward.

While we have continued to support the legacy XPP SOAP based Web Services in parallel, there is an increased risk of security vulnerabilities that we will be unable to mitigate with that API implementation.

Therefore, we are moving XPP Web Service (SOAP) into **Deprecated** status effective immediately and plan to move this SOAP implementation of XPP Web Services into **End of Support** status on September 30, 2024.

Customers are encouraged to migrate to the XPP RESTful Web Services API as soon as possible to ensure on-going support. Our Professional Services team are offering a complimentary upgrade analysis to assist with this migration.

XPP RESTful Web Services API v1.2 and XPP 9.7 are scheduled for General Availability release in March 2024. We highly recommend customers upgrade to those new versions when they are released as they contain further security enhancements in addition to new feature enhancements and platform support.

Our current product release status is here: Current Product Version Release Status

Software Ordering and Professional Services

Professional Services are available to assist with your migration and upgrade. Please open a support ticket through the RWS Customer Support Web Portal to initiate the ordering and delivery of any software upgrade and to request Professional Services.

Jennifer Goodman
Product Management Director

XPP SOAP to XPP RESTful Web Services API migration use case

We're providing this use case to illustrate the process we used to migrate a tool we deliver with our Contenta S1000D product from the SOAP to RESTful Web Services API.

Our own **Contenta S1000D Publish to XPP** tool was originally created using the XPP SOAP Web Services API. When we released XPP 9.3 we also introduced XPP RESTful Web Services 1.0, an API that is based on newer node.js technology.

Some benefits of the newer technology include:

1. RESTful Web Services is the industry standard expected with all software products today.
2. Easier installation: Tomcat and Java do not need to be installed on the XPP server for use with XPP RESTful Web Services.
3. RESTful Web Services eliminates prior limitations on transferring large output PDF files from the XPP server to the Contenta Web server.

Our Approach:

- Perform analysis on the existing tool to identify all SOAP API calls and map them to the new RESTful API calls using the delivered API documentation.
- SOAP and RESTful Web Services use different ports by default so you need to change any configurations or files that contain those port values to the reflect the change.
- We modified our Perl Publish program, replacing the use of the "SOAP::Lite" package with a new wrapper package we created called the "S1000D::XPPrest;" package which provides helper functions to call the XPP REST API.
  This wrapper package uses the standard "HTTP::Request::Common;" package.
- Executed existing test plans to confirm success. Since functionality should be equivalent, existing test plans were used with only minor modifications.
- Updated documentation for upgrade customers who were using existing Contenta S1000D Publish to XPP to alert them about the new port number being used.

Total level of effort (Dev/QA/Doc) for this tool = 15 days.