



Correio Chromium Support

In order to support Chromium under Quest, we made changes to how the Correio server works, as well as changes to the Correio PowerOn specfiles. These changes were made in 2022.

Please refer to the Correio Installation Instructions document for full information on how to install the current version of the Correio software, but below is a summary of the changes made in 2022 to enable Chromium support.

Correio Server Update Details

- We now use IIS features and our SymWriterPassThrough software to offer a secure (https) connection and to pass the CORS checks that Chromium requires.
- SymWriterPassThrough runs as a secure (https) server on a port you specify and acts as a pass-through to communicate with the Correio software on the same machine. The SymWriterPassThrough port is separate from the port that Correio uses (which is still only http).

We have a new Correio server installer that installs or updates all of the following:

- IIS and [ASP.NET](#) components (we install the minimum components needed, if they are not already installed)
- The SymWriterPassthrough software (which runs under ISS)
- The current Correio server software
- The current Correio Downloader software

After you run the new installer, your Correio server will be reachable for address validation over both secure and insecure (https and http) protocols. This will allow your existing Correio PowerOn specfiles to continue to access your Correio server over http, giving you time to update and test the new PowerOn code, (which supports Chromium with https connections), in a test environment before you move that PowerOn code live.

If you haven't already, you will need to acquire and install your own certificate for your Correio server and update the hostname of your Correio server in the PowerOn specfiles (using CORREIO.ADMIN) to match.



Correio PowerOn Update Details

HTML-based demand PowerOn specfiles run under Quest using Chromium as the embedded browser must comply with additional security requirements, which were not required when you run Quest using IE as the embedded browser. The key Chromium requirements that our Correio updates address revolve around Cross origin resource sharing (CORS) and restrictions on mixed content (the https requirement).

After you have updated your Correio server, you will need to update and reconfigure your Correio PowerOn specfiles before you can use Chromium as the embedded browser. CUTEK recommends you do this in a test sym and thoroughly test before loading to your live sym.

The old SymForm-based PowerOn specfiles do not typically use an embedded browser, so they are not affected by any Chromium issues.

At the time of this writing, Symitar has not updated SymFormPDF to be compatible with using Chromium as your embedded browser. If you have any questions about this, you should speak to your Symitar representative.

The name and person record validation specfiles provided by CUTEK for Correio integration use HTML postback methods to communicate with your Correio server. Postback methods used by the Correio PowerOn specfiles are not affected by any Chromium limitations, at this time, so no updates should be needed to your current validation PowerOn specfiles. If you use validation specfiles that are integrated with Correio, you should reinstall and test these specfiles after you update your core Correio specfiles.

The most visible change is to the CORREIO.ADMIN demand PowerOn specfile, where we have added an option to "Use HTTPS?" to the Correio parameters. When you install the PowerOn updates, you will want to set this new parameter to "Yes". You may also need to adjust the Hostname and port settings using this same PowerOn before you begin testing.