TEAMCENTER

Supplier Connect for Suppliers

Teamcenter 2412

SIEMENS

About Siemens Digital Industries Software

Siemens Digital Industries Software is a global leader in the growing field of product lifecycle management (PLM), manufacturing operations management (MOM), and electronic design automation (EDA) software, hardware, and services. Siemens works with more than 100,000 customers, leading the digitalization of their planning and manufacturing processes. At Siemens Digital Industries Software, we blur the boundaries between industry domains by integrating the virtual and physical, hardware and software, design and manufacturing worlds. With the rapid pace of innovation, digitalization is no longer tomorrow’s idea. We take what the future promises tomorrow and make it real for our customers today. Where today meets tomorrow. Our culture encourages creativity, welcomes fresh thinking and focuses on growth, so our people, our business, and our customers can achieve their full potential.

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Contents

Responding to requests in Teamcenter as suppliers 1-1

View and start work on assignments 2-1

Reviewing the data exchange package 3-1

Download attachments received from sponsors 4-1

Update the part structure in a Live Data package 5-1

Update the part structure in a Briefcase package 6-1

Update the part structure in a Teamcenter Briefcase package 7-1

Rework a data exchange package 8-1

Send important information as attachments 9-1

Submit a response 10-1

Create a Self Service request for access to OEM data 11-1

Submit files to the OEM for review and approval 12-1

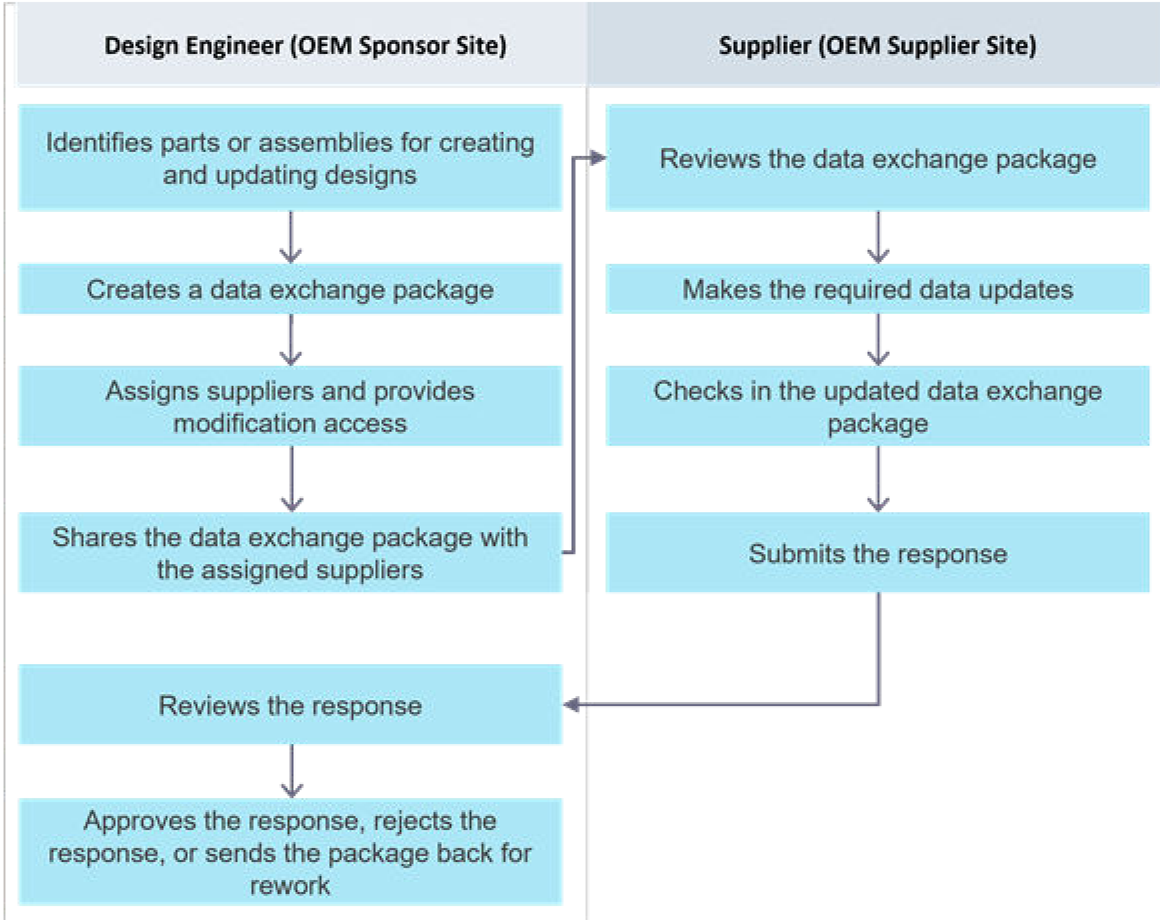
1. Responding to requests in Teamcenter as suppliers

Effective communication and frequent interaction between the OEMs and suppliers are critical. For product design, the Supplier Connect solution from Teamcenter enables and automates this interaction in a secure and traceable way. Specifically, development teams working on large products in various industries, such as the automotive, electronics, or machinery industry, can collaborate with suppliers, using data exchange packages.

When a design engineer shares a package with the items or assemblies that require design updates, as the supplier, you receive a notification email to access the package. You can open the package in your Teamcenter, modify the assemblies or parts based on the requirements specified in the package, and submit a response to the assigned tasks.

In some cases, based on the requirements, you may be requested to create a document, such as a design specifications document. To respond to such data exchange packages, you can view the information attached with the parts, work on the request by creating the requested document, upload the attachments, and submit your response.

If the design engineer approves the updates by approving your response in Teamcenter, your updated designs are imported into their Teamcenter. If the design engineer rejects the design updates, you can rework on the requests in your Teamcenter, and share the updated designs for review and approval again.



Where do I go from here?

Administrator	See *Supplier Connect — Deployment and Administration*.
Sponsor	See *Supplier Connect for Data Exchange*.
Supplier	
What must be done after I have received a data exchange package from the sponsor?	**Access Teamcenter to view the assignments** in Supplier Connect, **work on the data exchange package** sent by the sponsor, and **submit a response**.
I want to add or update parts in a structure where I do not have access. What should I do?	**Create a Self Service request for modification rights to update parts in a structure.**

2. View and start work on assignments

Access Teamcenter to view your assignments in Supplier Connect and start work on the data exchange package sent by your sponsor.

Prerequisites

You must obtain the credentials necessary to access Supplier Connect from your sponsor. When you receive an email invitation to work on the data exchange package from your sponsor, you must log on to Supplier Connect using these credentials.

Procedure

1. Click the URL provided by the sponsor to access Supplier Connect.

2. Type your user name and password on the login page.

3. From the list of locations, select your current working location.

4. In the **Confidentiality Agreement** section, review the agreement details, and click **I agree** and click **Continue**.

5. To view the assigned data exchange packages, click the **SUPPLIER EXCHANGES** tile.

   In this tile, you can view the packaged you have received in the **Incoming** page, and sort them according to the response status or sponsor sites. In the **Outgoing** page, you can view the packages you sent to the OEM, and sort them according to the package status or sponsor sites.

6. To view the data exchange packages sorted by the status of your responses, click **Exchanges received - By Status**.

7. To view the data exchange packages sent by a specific sponsor, click **Exchanges received - By Owner**.

8. To view the Self Service requests initiated by you, click **Exchanges requested - By Status**.

9. To view the files you sent to the OEM sponsors and the destination sites, click the **Exchanges sent - By Status** tile.

10. Open the required data exchange package to work on it.

3. Reviewing the data exchange package

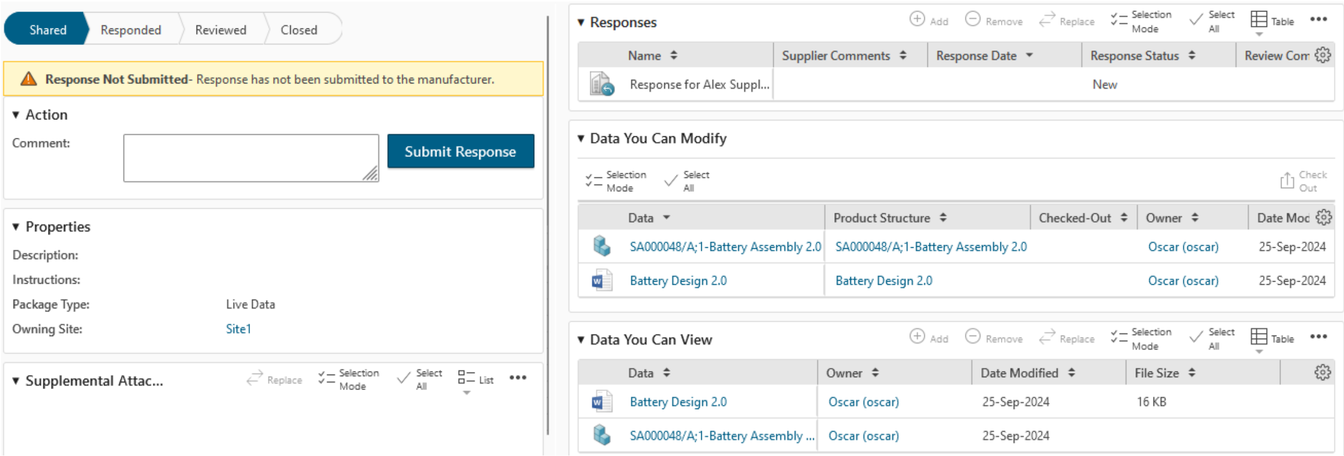
When you open a data exchange package, detailed information about the package is available in one location.

You can view the following details before you decide to begin work on the package:

- Data exchange package properties, instructions, and package type in the **Properties** section.
- Attachments from the sponsor in the **Supplemental Attachments** section.
- Status of your response in the **Responses** section.
- Components available for updates in the **Data You Can Modify** section.

  Select and open the component to begin work on it.
- Parent assembly in the **Data You can View** section.

  Select and open the parent assembly to view the components available for updates and their child and sibling components.



4. Download attachments received from sponsors

Sponsors might send information, such as specifications and design requirements, relevant to the data exchange package as attachments. You can download these attachments for reference before working on the package.

Procedure

1. From your workspace, open the required package.

2. In the **Supplemental Attachments** section, select the attachment and click **Download File**.

   Based on your browser settings, the file may open immediately, or you may be prompted to download or save the file.

3. Download multiple files simultaneously in one of these ways:

   - Ctrl-click each file that you want to select.

   - Click **Selection Mode** and then select the check box next to each file.

   - Click **Select All** to select all files.

4. Choose **More commands** ••• > **Share** > **Download**.

   A message notifying how many files were downloaded is displayed.

   > Note:
   >
   > The saved location of the downloaded files and the ability to download more than one file at a time varies depending on your browser and its settings.

5. If a sponsor has sent files to you by using **Quick Share**, do the following:

   a. On the global navigation toolbar, click **Supplier Exchanges**.

   b. In **Supplier Exchanges**, click the **Incoming** page to view the packages you have received from the OEM.

   c. Open the required package.

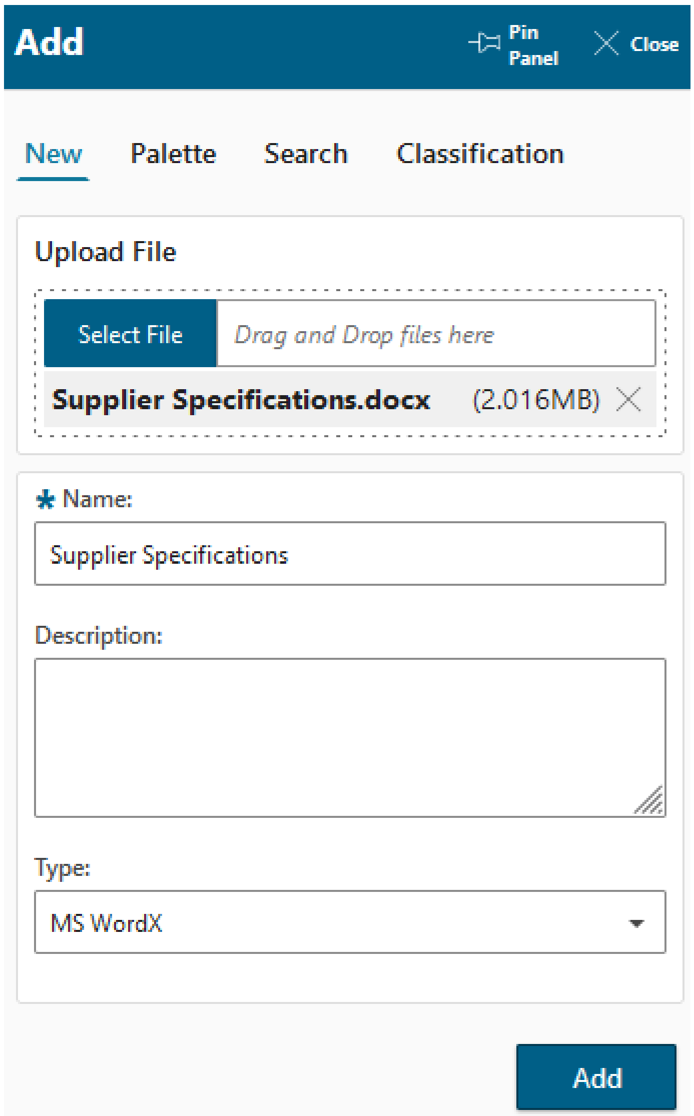
   d. In the **Data You can View** section, select the attachment and click **Download File**.

e. After reviewing the files, you can add attachments to your response. Do the following:

   A. In the **Responses** section, select and open the response.

   B. In the **Files** section, click **Add** ⊕.

   C. In the **Add** panel, click **Select File** to browse to and select the required file, and click **Add**.



f. After uploading the files, return to the data exchange package.

g. In the **Action** section, provide your comments related to the package in the **Comment** box.

h. Click **Submit Response**.

The sponsor can review your comments and the files you have sent. If the sponsor updates files, they can share the updated versions.

5. Update the part structure in a Live Data package

In a **Live Data** package, based on the instructions provided by the design engineers and the attached requirement specifications, you can update the part structure by adding new parts, modifying existing parts, and deleting parts in the existing part structure.

To update the required part, check it out, open it, and update it by adding child items and subassemblies. You can also update the dataset by checking it out and replacing it with an updated version.

Prerequisites

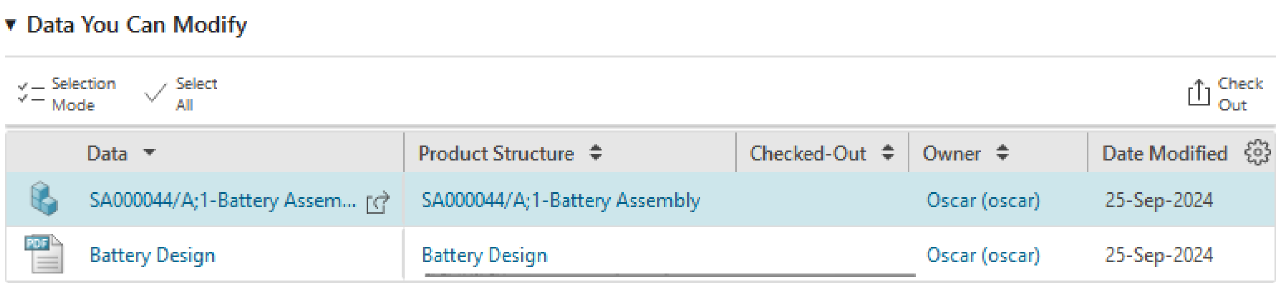
Ensure that you enable remote check in and check out for CAD data in Teamcenter Integration for NX. For more information, see *Remote check in and check out overview* in *Teamcenter Integration for NX* in the NX documentation.

Procedure

1. From your workspace, open the required data exchange package.

2. Review the instructions for the design updates in the **Properties** section.

3. In the **Data You Can Modify** section, select the part or dataset to modify, and click **Check Out**.

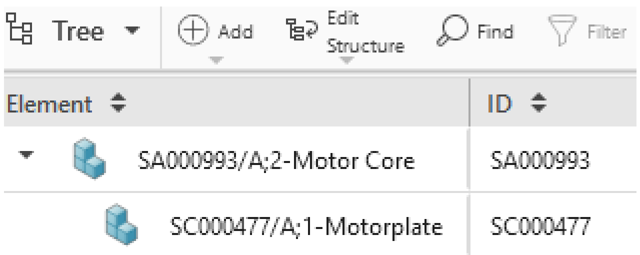
   

   The **Checked-Out To** column displays the user name of the supplier who checks out the part or dataset.

   If you select and open the parent assembly from the **Data You can View** section, you can view the child and sibling components for which you have **Write Access**.

4. Select the checked-out part, open it, and make the required updates.

   For more information on working with parts and designs represented in a hierarchy, as a structure, see *Structure Management* in the Teamcenter documentation.

> Example:
>
> You can add the part **Motorplate** to **Motor Core** because you have **Write Access** on **Motor Core**.
>
> 
>

5. To add attachments to the updated part, do the following:

   a. Click the **Attachments** tab of the updated part, and click **Add to** ⊕ on the work area toolbar.

   b. In the **Add** panel, choose the objects you want to add by doing one of the following.

      - Click **Search**.

        The search only returns results that you can relate to the displayed item. You can also filter the search results in the task panel.

      - Click **Palette** to select from the **Favorites**, **Recent**, or **Clipboard** section.

        The **Clipboard** section displays objects that were previously copied using **Copy**. These are preselected at this point. Alternatively, select the required objects.

      - Click **New** to create a new object:

        A. Select the type of object you want to create either from the list of recently used object types or from the full list of available object types. You can also refine the results using **Filters**.

           If you are creating a new file attachment, you can upload an existing file by clicking the **Select File** button and selecting the file. Teamcenter automatically sets the object type to the file type that matches the file extension. If there are multiple file-type choices, the client selects the default, but you can change it.

        B. Enter the properties for the new object.

           The properties vary depending on the type of object being created. These properties are configured by style sheets, which are maintained by the system administrator.

   c. Click **Add**.

6. To update the dataset, do the following:

   a. Select the checked-out dataset, download it, and make the required updates.

   b. To upload the updated version, choose **More Commands** ••• > **Edit** > **Replace File**.

   c. In the **Replace** panel, choose the required file and click **Replace**.

7. After you make the required updates, in the data exchange package, select the updated parts and datasets in the **Data You Can Modify** section, and choose **Check In**.

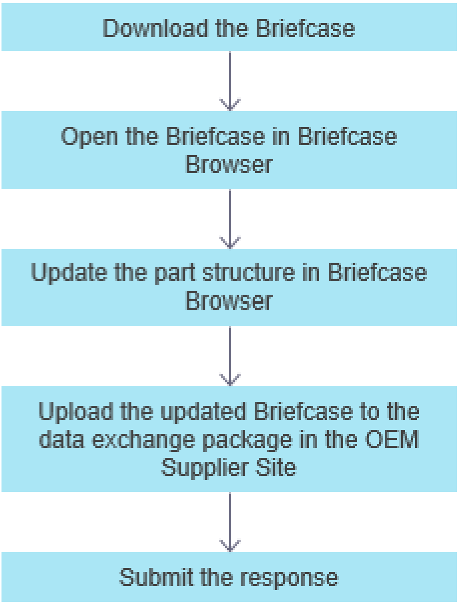
   Before submitting the response, ensure that the check-in process is complete by verifying the required alerts.

   After you complete the updates, **upload the required attachments** and **submit the response**.

6. Update the part structure in a Briefcase package

In a **Briefcase** package, based on the instructions and requirement specifications, you can update the Briefcase by adding new parts, modifying existing parts, and deleting parts in the Briefcase sent by the sponsor. To update the Briefcase, download it, open it in Briefcase Browser, and make the required updates.

You can work on this Briefcase only through Briefcase Browser.



Procedure

1. From your workspace, open the required data exchange package.

2. Review the instructions for the design updates in the **Properties** section.

3. In the **Briefcases** section, select the Briefcase, and click **Download File** to download the Briefcase.

   If the sponsor has updated the product data at the OEM Sponsor Site and sent the updated data, a delta Briefcase with the updated assembly is available for download. You can download the original and delta Briefcases, and compare them in Briefcase Browser to view the updates to the product data.

4. Open the Briefcase file in Briefcase Browser and make the required updates. For more information about opening the Briefcase file and updating it, see *Briefcase Browser* in the Teamcenter documentation.

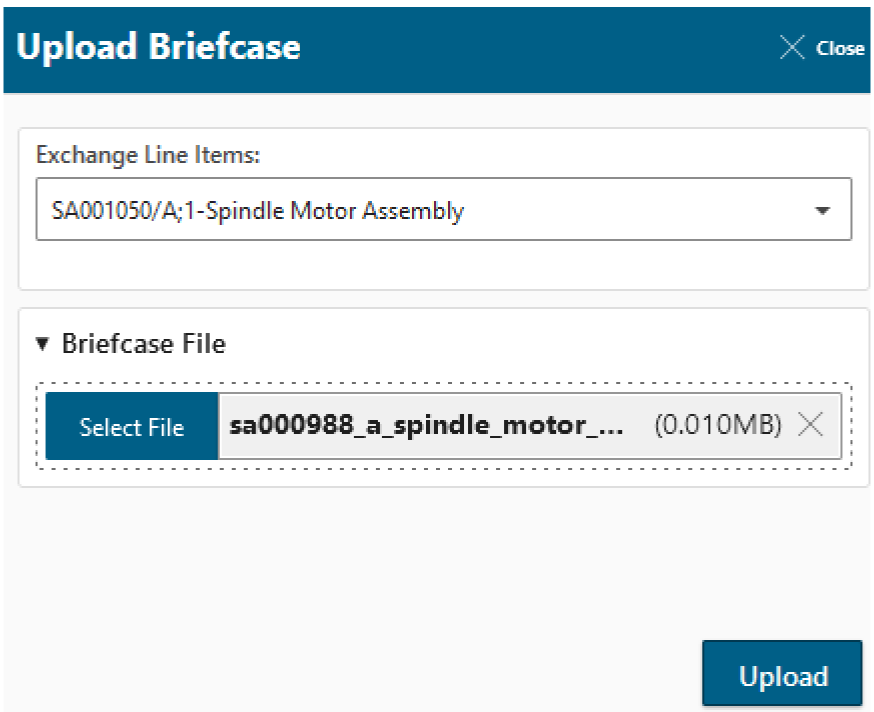
> Caution:
>
> Siemens Digital Industries Software recommends that you transfer the ownership of the data to the sponsor only after making all the required updates and not before. For more information about transferring the ownership, see *Briefcase Browser* in the Teamcenter documentation.

5. In the **Briefcases** section of the data exchange package, upload the updated Briefcase file as follows:

   a. Select the Briefcase, and click **Upload** .

   b. In the **Upload Briefcase** panel, from the **Exchange Line Items** list, select the required part.

   c. Click **Select File** to browse to and select the required file, and click **Upload**.

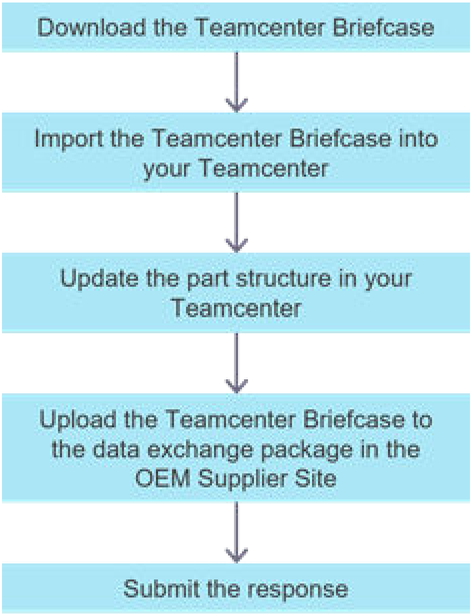


After you complete the updates, upload the required attachments and submit the response.

7. Update the part structure in a Teamcenter Briefcase package

In a **Teamcenter Briefcase** package, based on the instructions provided by the design engineers and the attached requirement specifications, you can update the Teamcenter Briefcase. You can do this by adding new parts, modifying existing parts, and deleting parts in the Teamcenter Briefcase sent by the sponsor.

The following graphic shows the sequence of tasks required to update the Teamcenter Briefcase:



Procedure

1. From your workspace, open the required data exchange package.

2. Review the instructions for the design updates in the **Properties** section.

3. In the **Briefcases** section, select the Briefcase, and click **Download File** to download the Briefcase.

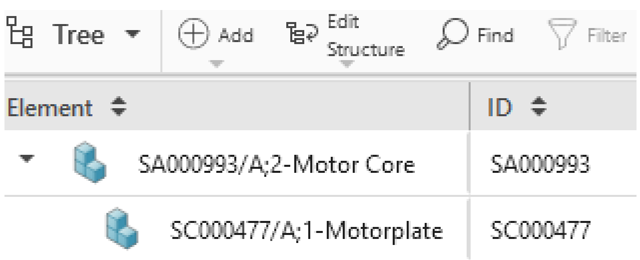
   If the sponsor has updated the product data on the OEM Sponsor Site and sent the updated data, a delta Briefcase with the updated assembly is available for download. You can download the original and delta Briefcases, and compare them in Briefcase Browser to view the updates to the product data.

4. Import the Teamcenter Briefcase into your Teamcenter. For more information about importing the Briefcase, see *Active Workspace Fundamentals* in the Teamcenter documentation.

5. In your Teamcenter, select the and open the checked-out part, and make the required updates. For more information on working with parts and designs represented in a hierarchy, as a structure, see *Structure Management* in the Teamcenter documentation.

   Example:

   You have added the part **Motorplate** to **Motor Core** because you have **Write Access** on it.

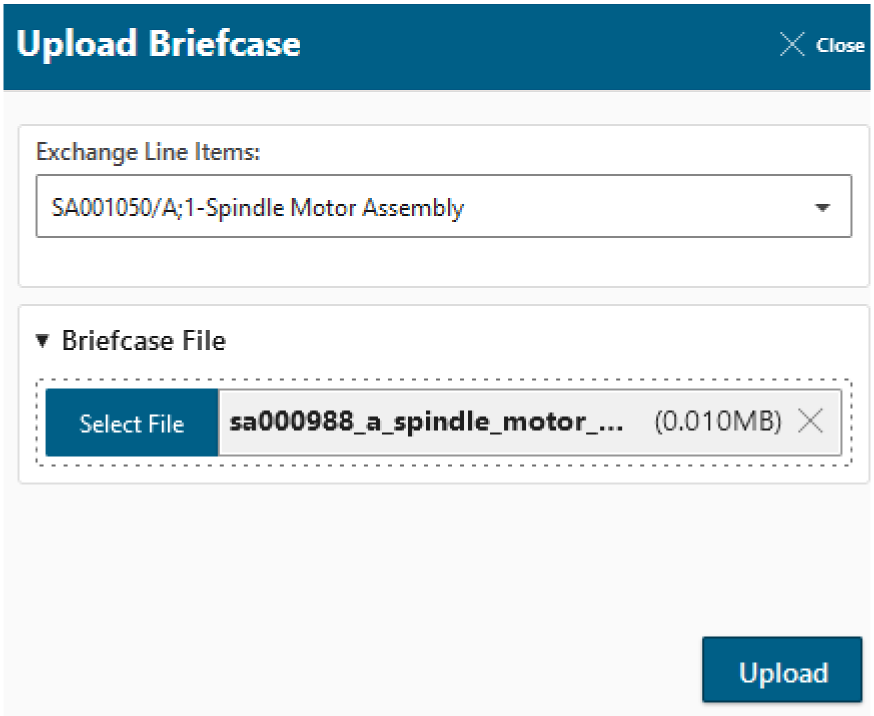
6. Export the Teamcenter Briefcase. For more information about exporting the Briefcase, see *Active Workspace Fundamentals* in the Teamcenter documentation.

7. Upload the exported Teamcenter Briefcase to the associated data exchange package in the OEM Supplier Site. Do the following:

   a. In the **Briefcases** section of the data exchange package, select the Briefcase, and click **Upload** .

   b. In the **Upload Briefcase** panel, from the **Exchange Line Items** list, select the required part.

   c. Click **Select File** to browse to and select the required file, and click **Upload**.



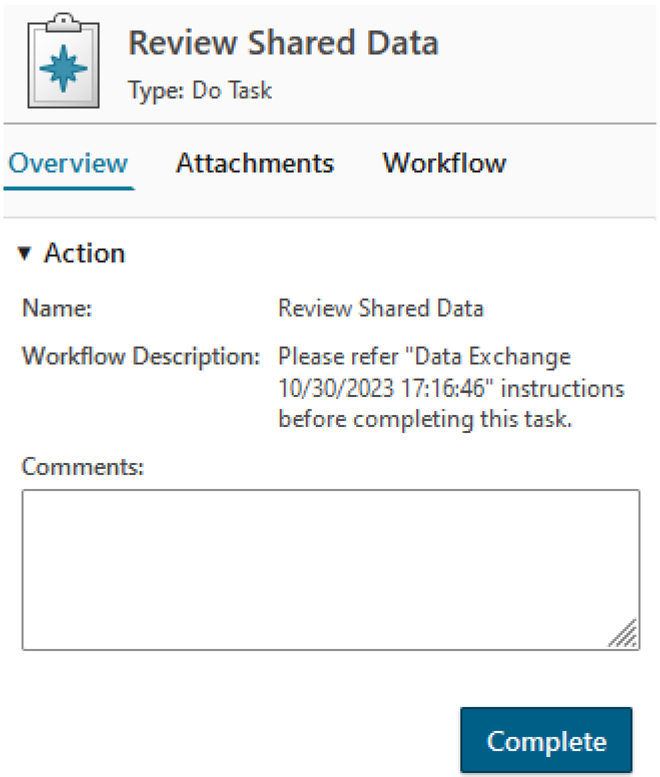
After you complete the updates, upload the required attachments and submit the response.

8. Rework a data exchange package

After you have submitted a response, the sponsor reviews it, and decides that it needs some rework. In such a case, the sponsor adds instructions on the required rework and sends the response back to you. When you receive a notification email about the rework, you can view the details in your **INBOX** tile and perform the required updates.

Procedure

1. In the **INBOX** tile on the **Home** page, click the **Review Shared Data** task for the data exchange package.



2. Click the **Attachments** tab in the right pane, and select and open the data exchange package in the **Replica Proposed Target** section.

3. In the **Responses** section, select and open the response with the **Rework** status.

4. Review the rework details in the **Overview** tab.

5. Click the data exchange package in the **Supplier Exchange** box to open the package and perform the requested rework in the source Live Data package or Briefcase package.

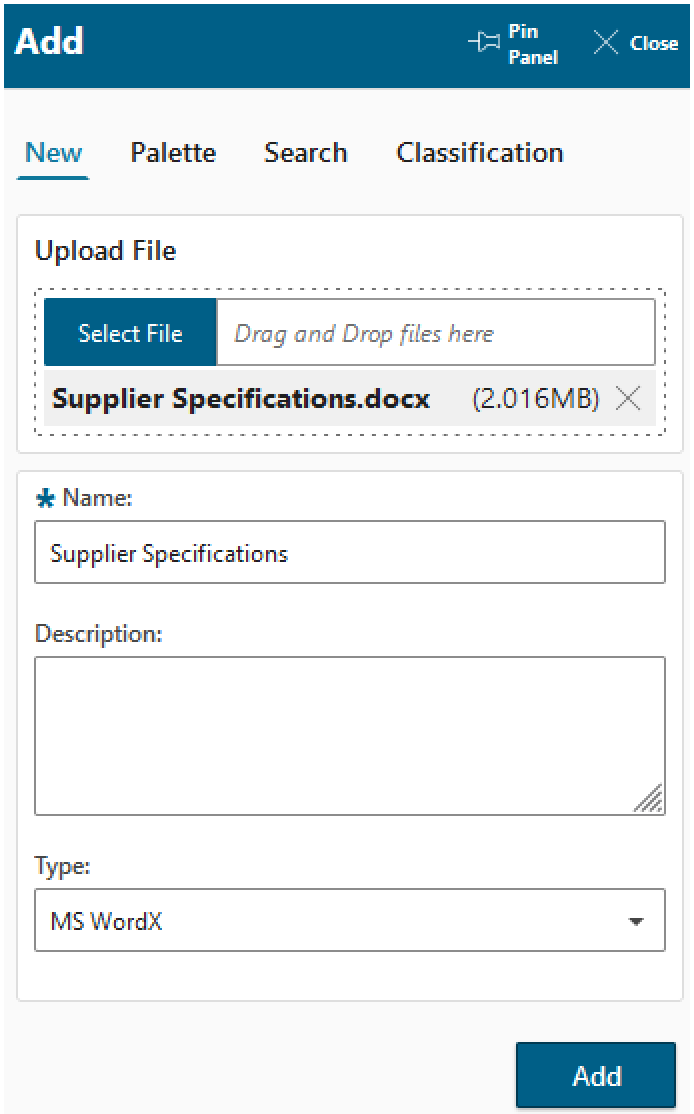
9. Send important information as attachments

You can upload the files that contain the updated specifications and other important information on the updates made to the assembly.

> Note:
>
> You must upload these files as attachments before submitting your response.

Procedure

1. From your workspace, open the required package.
2. In the **Responses** section, select and open the response.
3. In the **Supplier Response Attachment** section, click **Add** ⊕.
4. In the **Add** panel, click **Select File** to browse to and select the required file, and click **Add**.


Add
Pin Panel
Close
New
Palette
Search
Classification
Upload File
Select File
Drag and Drop files here
Supplier Specifications.docx
(2.016MB)
Name:
Supplier Specifications
Description:
Type:
MS WordX
Add

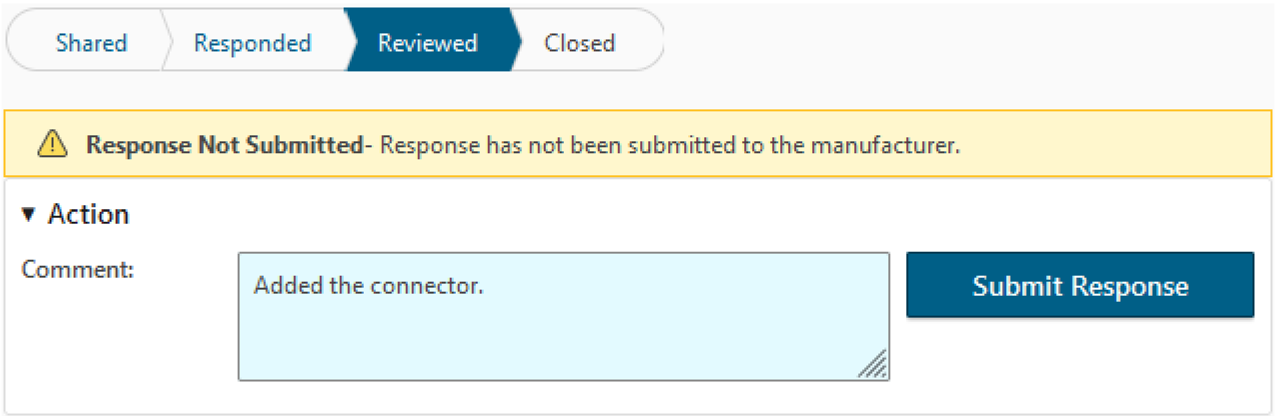
10. Submit a response

Share the updated designs, Briefcases, and any attachments to the design engineer for review by submitting a response in Teamcenter.

Procedure

1. From your workspace, open the required package.

2. In the **Action** section, provide your comments related to the package in the **Comment** box.



3. Click **Submit Response**.

   The design engineer receives an email, notifying them of the review assignment. When the design engineer approves, provides interim approval, rejects, or requests for rework on the response, the status is updated to **Approved**, **Interim Approved**, **Rejected**, or **Reworked**, respectively.

   You can view the status of the response in the **Responses** section.

11. Create a Self Service request for access to OEM data

As a supplier, if you want to update OEM data, you can create a *Self Service* request for modification rights or transfer of ownership of the OEM data. You can request access to **Live Data** or ask for the data in an unmanaged Briefcase or a managed Briefcase.

When you submit this request, the assigned design engineer receives a system-generated package with the required parts. They review this package, and approve or reject the request at the OEM Sponsor Site. After you receive access, you can update the required parts.

Procedure

1. If a design engineer has shared information about an assembly that has been published to you, you can search for and open the assembly as follows:

    a. On the home page, click **Advanced Search** from the **Search** box or from the **ADVANCED SEARCH** tile.

    b. In **Advanced Search**, select **General**, select **Item Revision** as the type of search, specify the name of the assembly in the **Name** box or the ID in the **ID** box, and click **Search**.

    c. In the search results, select and open the required assembly.

2. If you have received a package, you can open the assembly from the package as follows:

    a. From your workspace, open the required package.

    b. Select and open the parent assembly from the **Data You can View** section to view the child and sibling components to which you do not have access.

3. In the assembly, click the **Content** tab, select the parent node or the specific assembly components for which you do not have modification rights, right-click, and choose **Request Write Access**.

4. In the **Data Selected** section, do the following:

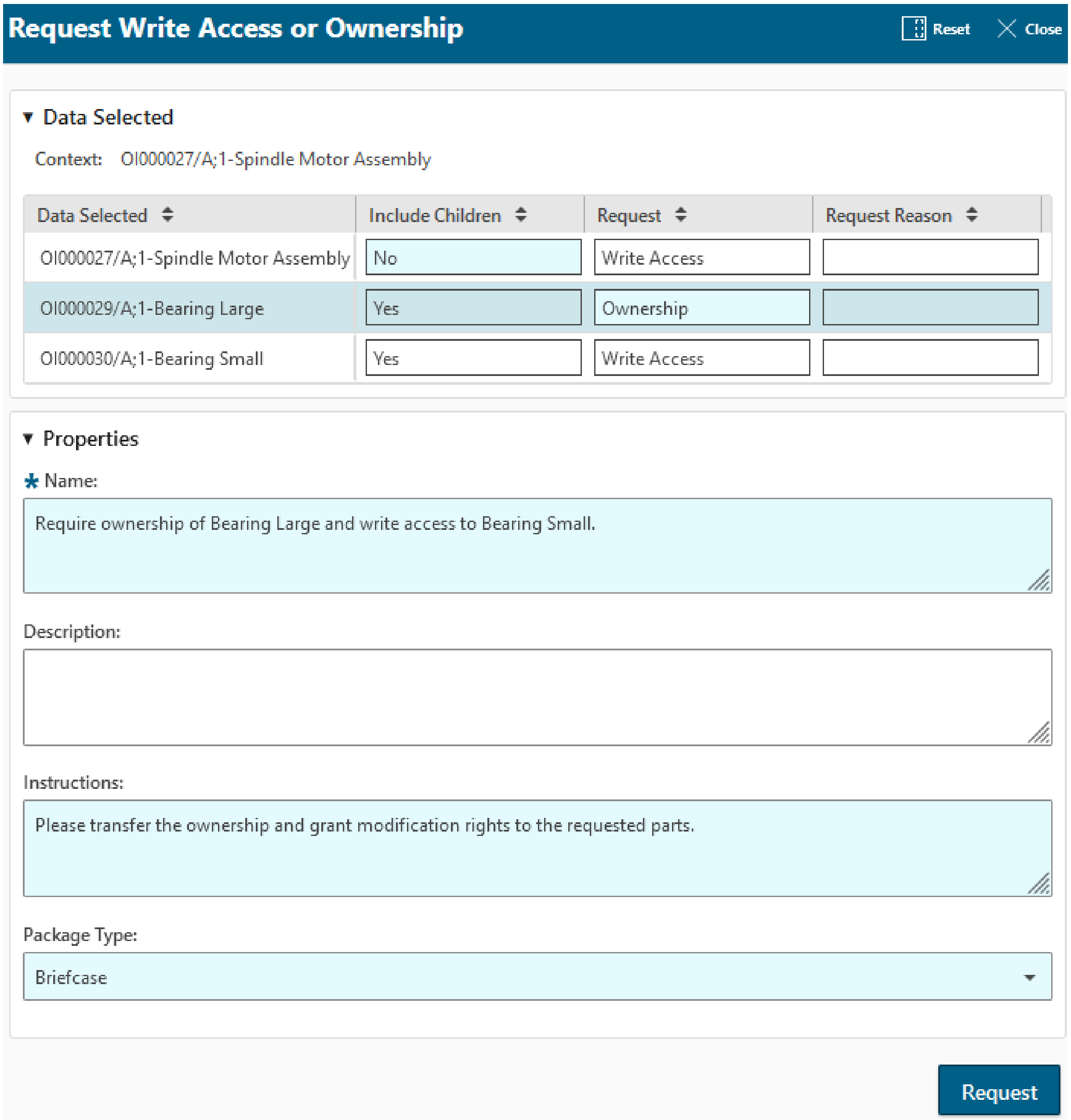
    a. From the **Include Children** list, select **Yes** to include children if you are requesting access for the parent node of the assembly.

    b. From the **Request** list, select the type of access being requested:

    - **Write Access**: Requests for modification access on the selected assembly or its components. This allows you to add, modify, or delete parts in the assembly.

- **Ownership**: Requests for transfer of ownership of the selected assembly or its components. Ownership is required when working with Briefcases because as a supplier, you must own the object before modifying it in Briefcase Browser or your own Teamcenter instance. In addition, ownership is required if you need to revise the item or the assembly.

c. Specify the reason for requesting access in the **Request Reason** box.



5. In the **Properties** section, enter a name, description, and review instructions.

6. From the **Package Type** list, select the type of package being requested.

- Select **Briefcase** to request for the data in a Briefcase. When you are given access or ownership to the requested data, you can download the Briefcase, open it in Briefcase Browser, and make the required updates.

- Select **Live Data** to request for access to live data. When you are given access or ownership to the requested data, you can update the part structure by adding new parts, modifying existing parts, and deleting parts in the existing part structure.

- Select **Teamcenter Briefcase** to request for the data in a managed Briefcase. When you are given access or ownership to the requested data, you can download the Teamcenter Briefcase, import it into your Teamcenter, and make the required updates in your Teamcenter.

7. Click **Request**.

Results

A Self Service package with the selected parts is created and shared with the design engineer for review. You can view the Self Service package in the **Supplier Exchanges** tab of the parent node of the assembly. A notification is displayed in **Alerts** when the request is sent to the OEM Sponsor Site.

12. Submit files to the OEM for review and approval

Suppliers can submit files requested by OEMs for review and approval through Teamcenter. This eliminates the need for external file-sharing tools or less-secure methods such as email. It provides a secure and integrated platform for file exchanges between suppliers and OEMs.

Traditionally, sponsors have been the primary initiators of data exchanges, with suppliers being the recipients. In some cases, the OEMs need the supplier to provide certain documents, such as policy documents or templates.

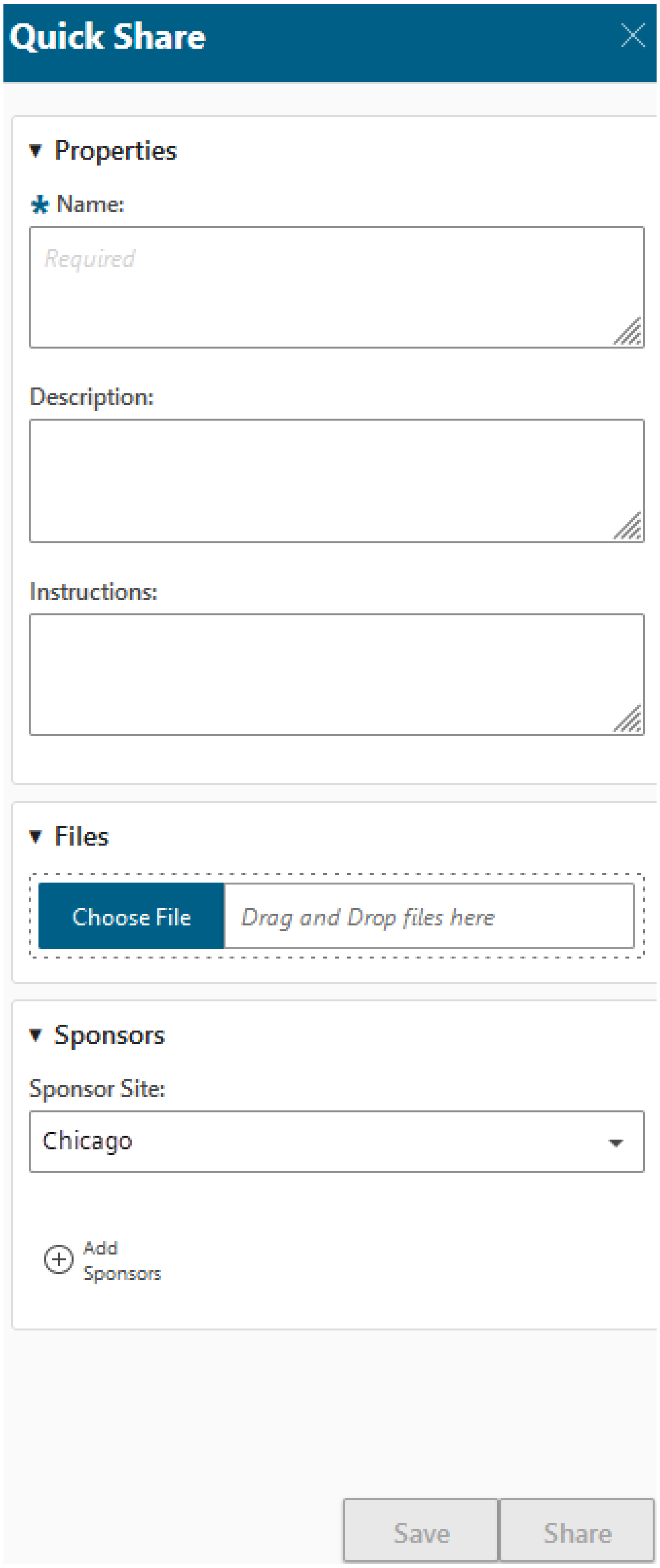
Procedure

1. On the global navigation toolbar, click **Supplier Exchanges**.

2. In **Supplier Exchanges**, click the **Outgoing** page to view the packages you sent to the OEM.

3. From the primary toolbar, click **Quick Share** .

4. In the **Properties** section of the **Quick Share** panel, for the files you are sending to the OEM, enter a name, description, and review instructions.



5. In the **Files** section, click **Choose File** and browse to select and add the required files.

6. In the **Sponsors** section, select the OEM Sponsor site and the required sponsors as follows:

   a. From **Sponsor Site**, select the site of the required sponsor.

   b. Click **Add Sponsors**, specify the search criteria for the required sponsors, and click **Search** to search for a sponsor.

      The **Add Sponsors** panel displays only those sponsors that belong to the selected OEM Sponsor site.

   c. Select the required sponsors from the search results and click **Add**.

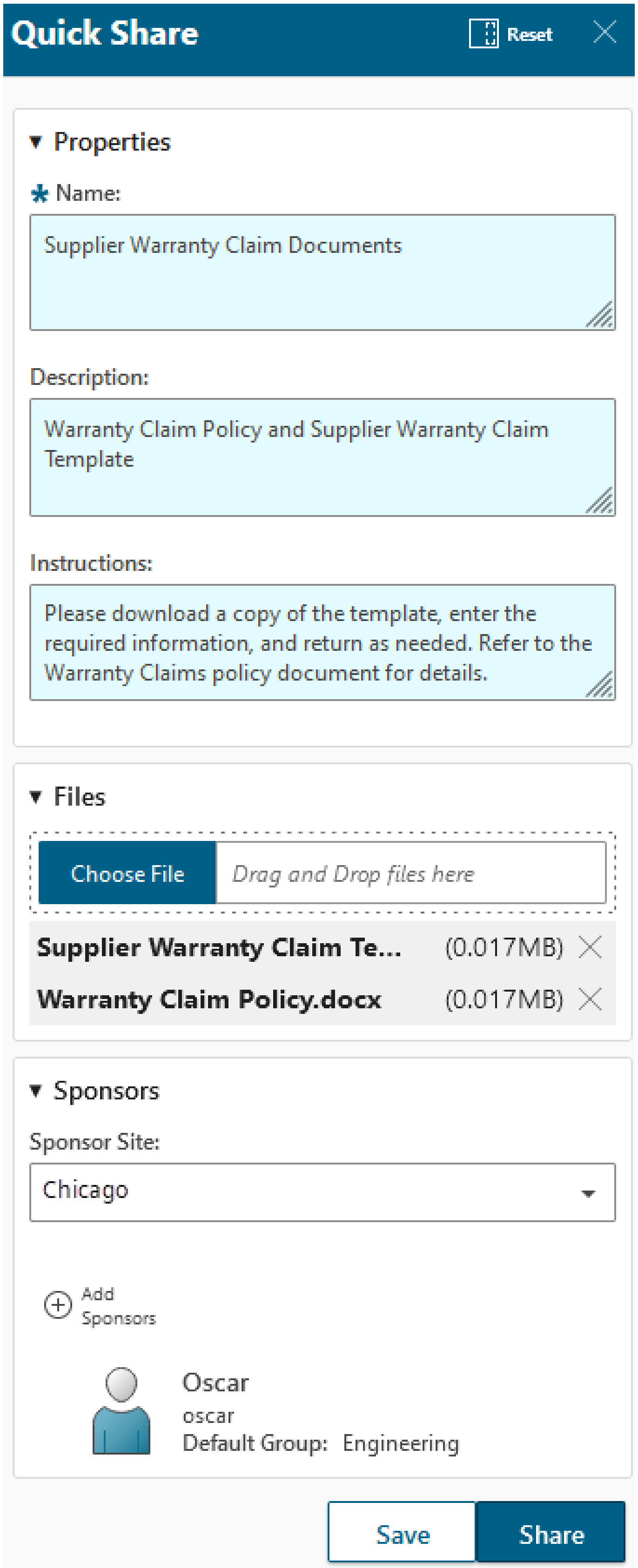
   d. To remove sponsors, select the entries and click **Remove** ⊖.

   e. Click **Add**.

7. To save the package for future updates before sending to the selected OEM sponsors, click **Save**.

   The package is saved in the **Outgoing** page. You can open the package, add files and sponsors, and share it with the OEM after you have completed the required updates.

8. To send the files to the selected OEM sponsors immediately, click **Share**.


Quick Share
Reset
Properties
Name:
Supplier Warranty Claim Documents
Description:
Warranty Claim Policy and Supplier Warranty Claim Template
Instructions:
Please download a copy of the template, enter the required information, and return as needed. Refer to the Warranty Claims policy document for details.
Files
Choose File
Drag and Drop files here
Supplier Warranty Claim Te... (0.017MB)
Warranty Claim Policy.docx (0.017MB)
Sponsors
Sponsor Site:
Chicago
Add Sponsors
Oscar
oscar
Default Group: Engineering
Save
Share

When you share the package, the status of the package is updated to **Shared**. After you share the package, you can update its expiration date at any time, and the updated date is reflected in the package at the OEM Sponsor Site. The status of the package changes to **Updated** when you update the expiration date.

9. After the OEM sponsors review the files, they can send them back for rework. To update the files and send the updated versions to the OEM sponsors, do the following:

   a. From the notification email about the rework, click the link to access the package that requires rework.

   b. In the **Responses** section, select and open the response from the sponsor.

   c. In the **Review Properties** section, review the sponsor comments.

   d. After updating the files, return to the data exchange package, and replace the files in the package with the updated versions as follows:

      A. In the **Data** section, select the file to be replaced.

      B. From the work area toolbar, choose **More Commands** > **Edit** > **Replace File**.

      C. In the **Replace** panel, click **Select File** to browse to and select the required file, and click **Replace**.

   e. To send the updated files to the sponsors, click **Update**.

Results

The sponsor receives a task in their **Inbox** to review the files.