ET.TTDeployment Guide

Permissions groups

The solution requires a custom permission level for “Contribute without Delete.”

* ET.TTAdministrators group – Contribute without Delete permission level
* ET.TTReport Managers group – Contribute without Delete permission level
* ET.TTTraining Managers group – Contribute without Delete permission level
* ET.TTVisitors group – Contribute without Delete permission level

External lists

Create four external lists with the following settings.

Organization list

Title: Organization

External content type: Organization

Forms: New Item, Edit Item

Permissions:

ET.TTAdministrators Full Control

ET.TTReporting Managers Contribute without Delete

ET.TTTraining Managers Contribute without Delete

ET.TTVisitors View Only

TrainingHistory list

Title: TrainingHistory

External content type: TrainingHistory

Forms: New Item, Edit Item, New Item – Manager, Edit Item - Manager

Permissions:

ET.TTAdministrators Full Control

ET.TTReporting Managers Contribute without Delete

ET.TTTraining Managers Contribute without Delete

ET.TTVisitors Contribute without Delete

TrainingEvent list

Title: TrainingEvent

External content type: TrainingEvent

Forms: New Item, Edit Item

Permissions:

ET.TTAdministrators Full Control

ET.TTReporting Managers Contribute without Delete

ET.TTTraining Managers Contribute without Delete

ET.TTVisitors View Only

TrainingNotifications list

Title: TrainingNotifications

External content type: TrainingHist30DaysOrLess

Forms: None

Permissions:

ET.TTAdministrators Full Control

ET.TTReporting Managers Read

ET.TTTraining Managers REad

ET.TTVisitors Should not have any permissions to this list.

Deploy the .wsp

* Upload the .wsp file to the site collection Solutions gallery. A site collection scoped feature activates automatically when you activate the .wsp file.
* Browse to the AMC subsite. On the features page, activate MTTWeb solution.

The solution deploys components to the Web Parts gallery of the site collection and the Master Page gallery of the subsite where the solution will be used. The deployed Web Parts contain links to the ET.TTJavaScript and HTML files. The following picture shows all the Web Parts which are located in the **Miscellaneous** category:



JavaScript and HTML forms for each list

A .wsp file deploys a sandboxed solution for the JavaScript and HTML list forms to MTT. For each list, add the following Content Editor Web Parts:

TrainingHistory external list – five forms

Organization external list – two forms

TrainingEvent external list –two forms

To add custom forms

Take the following steps:

* Browse to the external list.
* On the list ribbon, click **List > Form Web Parts**.
* Click one of the following: **Default New Form, Default Edit Form,** or **Default View Form.**
* Click **Page > Edit Page**.
* Click **Add a Web Part**.
* In **Miscellaneous**, click the appropriate Web Part for the form.
* Add the following Web Parts to the top and bottom part of each corresponding form.

|  |  |  |  |
| --- | --- | --- | --- |
| **List** | **List Form** | **Web Part – Top of form** | **Web Part – Lower part of form** |
| TrainingEvent list | New Item Form | ET.TTTrainingEvent New Item | ET.TTTrainigEvent New Item Links |
| TrainingEvent list | Edit Item Form | ET.TTTrainingEvent Edit Item | ET.TTTrainingEvent Edit Item Links |
| TrainingHistory list | New Item Form | ET.TTTrainingHistory New Item | ET.TTTraining History New Item Links |
| TrainingHistory list | Edit Item Form | ET.TTTrainingHistory Edit Item | ET.TTTraining History Edit Links |
| TrainingHistory list | Display Item Form | ET.TTCertificate – View Training History | No web part for lower part of form |
| Organization list | New Item Form | ET.TTOrganization New Item | ET.TTOrganization Edit Item Links |
| Organization list | Edit Item Form | ET.TTOrganization Edit Item | ET.TTOrganization Edit Item Links |

* Click **Page > Stop Editing.**
* Repeat steps for each page

Custom actions for TrainingHistory list

* In SharePoint Designer, create two custom actions in the TrainingHistory list.: one for editing list items and one for creating list items. The respective custom actions should be available from the Edit Control block menu and have a rights mask of EditListItems. Use the following page names.
* AddManager.aspx
* EditManager.aspx

The names of the forms are important as the XSLT for the Web Part on the Home page relies on these page .aspx names.

* After you create the two forms, right-click them in SharePoint Designer and select Preview in Browser.
* Click Edit Page.
* Click Add a Web Part.
* In the Miscellaneous category, add the following web parts for the appropriate page:

|  |  |  |  |
| --- | --- | --- | --- |
| **List** | **List Form** | **Web Part – Top of form** | **Web Part – Lower part of form** |
| TrainingEvent list | New Item Manager Form | ET.TTTraining History New Item – Manager | ET.TTTraining History New Item Links |
| TrainingEvent list | Edit Item Manager Form | ET.TTTraining History Edit Item – Manager | ET.TTTraining History Edit Item – Manager links |

* Click Page > Stop Editing.
* Repeat steps for each page.

SSRS reports

This section will be updated when SSRS is available on AEP Production.

The SSRS components for ET.TTare developed in the AEP Solutions lab and stored in Team Foundation Server.

The components are implemented in the following site on Production:

<https://ssrs.aep.army.mil/apps/mtt/HQ_MTT/>

On the ET.TTsite, the Reports library contains four .RDL files.

The Data Connections library contains two .RSDS files.

You must activate the Report Server Integration Feature on the Site Collection features page.

Landing page

The landing page is configured with custom web part zones, Javascript, and configured Business Data List View web parts.

Employee Web Parts

**ET.TTUser Guide**

The ET.TTsolution delivers this CEWP part with the correct link. In the Web Parts pane, under **Miscellaneous**, click **ET.TTLP Emp UG**.

Columns: n/a

Audiences: ET.TTVisitors

Web Part settings: Link opens User Guide .PDF in Site Assets library.

**My Training History**

Place Business Data List Web Part on the page. Edit the Web Part properties as follows.

External content type: TrainingHistory

Columns: RecordId, TitleOfEvent, DateOfCompletion

Chrome Type: title only

Audiences: ET.TTVisitors

Web Part settings: Filtered on current user’s email

To create link in Web Part to Edit Item form

* Edit the page.
* For the My Training History Web Part, open the Web Part Properties pane.
* On the Web Part, next to the menu, click **Edit View**. If you don’t see **Edit View**, click **Display Toolbar** on the Web Part Properties pane.
* Configure the columns the way you want them to appear in the correct order. Use the Columns information for the corresponding Web Part.



* Click OK. Stop editing the page.
* Edit the page again and display the Web Part Properties pane.
* On the Web Part pane, click XSLT.
* Copy and paste the text into Notepad. You can right-click and select Select All.
* Locate the following text.

<xsl:choose>

<xsl:when test="$dvt\_1\_form\_selectkey = @\*[name()=$ColumnKey]">color:blue</xsl:when>

<xsl:otherwise />

</xsl:choose>

</xsl:attribute>

<xsl:value-of select="@RecordId" />

</a>

</td>

<td class="ms-vb">

* Replace this text

<xsl:value-of select="@RecordId" />

* With this text and click OK.

<a onclick="OpenPopUpPage('../Lists/TrainingHistory/DispForm.aspx?ID={@BdcIdentity}', null, null, null, null);" href="#">

<xsl:value-of select="@RecordId" />

</a>

* Copy all the text back into the XSL window in the Web Part pane.
* Click OK on the Web Part pane and stop editing the page. Complete this last step to save your work.



**View/Print Certificates**

Business Data List Web Part – same configuration as **My Training History**

Audiences: ET.TTVisitors

Take the previous steps and use the following text:

<a onclick="OpenPopUpPage('../Lists/TrainingHistory/DispForm.aspx?ID={@BdcIdentity}', null, null, null, null);" href="#">

<xsl:value-of select="@RecordId" />

</a>

Training Manager Web Parts

**ET.TTManager Guide**

Content Editor Web Part delivered with solution

The ET.TTsolution delivers this CEWP part with the correct link. In the Web Parts pane, under **Miscellaneous**, click **ET.TTLP TM UG**.

Columns: n/a

Audiences: ET.TTTraining Managers

Web Part settings: None.

Test the link to display administrator guide in the **SiteAssets** library. Edit the link if necessary.

**Create or Edit Events**

This is a list web part that points directly to the external list **TrainingEvents.**

In the Web Part pane, under **Apps**, click **TrainingEvent** to add this list web part to the page.

Web Part Properties > Title Url –make sure this property has # in it to prevent users from browsing to the list.



**Record Employee Attendance**

The first web part is a content editor web part that provides a link to the **AddManager.aspx form** on the **TrainingHistory external list.**

The ET.TTsolution delivers this CEWP part with the correct link. In the Web Parts pane, under **Miscellaneous**, click **ET.TTLP TM Record TH**.

**Edit Employee Attendance**

The second web part is a Business Data List Web Part that points to the TrainingHistory external content type.

Title: Edit Employee Attendance

External content type: TrainingHistory

Audiences: ET.TTTraining Managers

View settings:





Display toolbar: Cleared – this removes “Actions” from Web Part.

XSLT text:

Look for this text

<xsl:choose>

<xsl:when test="$dvt\_1\_form\_selectkey = @\*[name()=$ColumnKey]">color:blue</xsl:when>

<xsl:otherwise />

</xsl:choose>

</xsl:attribute>

<xsl:value-of select="@RecordId" />

</td>

Replace this

<xsl:value-of select="@RecordId" />

With this

<a onclick="OpenPopUpPage('../Lists/TrainingHistory/editmanager.aspx?ID={@BdcIdentity}', null, null, null, null);" href="#">

<xsl:value-of select="@RecordId" />

</a>

Reporting Manager Web Parts

**ET.TTManager Guide**

Content Editor Web Part delivered with solution.

In the Web Parts pane, under Miscellaneous, click **ET.TTLP Admin Guide**.

Columns: n/a

Audiences: ET.TTReporting Managers

Web Part settings: None.

**Reports**

Provides links to SSRS reports.

Administrator Web Parts

**ET.TTAdministrator Guide**

The ET.TTsolution delivers this CEWP part with the correct link. In the Web Parts pane, under Miscellaneous, click **ET.TTLP Admin Guide**.

Audiences: ET.TTAdministrators

**Top level organization**

Add a **Business Data List** Web part to the page and point it to the **Organization** external content type.

In the Web Part properties, enter “Top level organization” in **Title**.

Click **Edit View** on the Web Part pane.

Configure the view on the Web Part to display the following columns:

* **RecordId**
* **Name**
* **ParentOrganizationId**
* **IsActive**

Audiences: ET.TTAdministrators

Filter the view with the following settings:



Make sure the view sorts by the **Name** column.

Take the previous steps to edit .XSL on the Web Part.

Replace this

<xsl:value-of select="@RecordId" />

With this

<a onclick="OpenPopUpPage('../Lists/TrainingHistory/editmanager.aspx?ID={@BdcIdentity}', null, null, null, null);" href="#">

<xsl:value-of select="@RecordId" />

</a>

**Second Level Organization Web Part** and **Third Level Organization Web Part**

Add a **Business Data List** Web part to the page and point it to the **Organization** external content type.

In the Web Part properties, enter “Second level organization” or “Third level organization” in **Title**.

Click **Edit View** on the Web Part pane.

Configure the view on the Web Part to display the following columns:

* **RecordId**
* **Name**
* **ParentOrganizationId**
* **IsActive**

Audiences: ET.TTAdministrators

On the web part menu, click **Edit View** and select **Retrieve All Items**.



Take the previous steps to edit .XSL on the Web Part.

Replace this

<xsl:value-of select="@RecordId" />

With this

<a onclick="OpenPopUpPage('../Lists/TrainingHistory/editmanager.aspx?ID={@BdcIdentity}', null, null, null, null);" href="#">

<xsl:value-of select="@RecordId" />

</a>

**Fourth Level Organization Web Part**

Add a **Business Data List** Web part to the page and point it to the **Organization** external content type.

In the Web Part properties, enter “Fourth level organization” in **Title**.

Audiences: ET.TTAdministrators

Click **Edit View** on the Web Part pane.

Configure the view on the Web Part to display the following columns:

* **RecordId**
* **Name**
* **ParentOrganizationId**
* **IsActive**

**Connect all the Top, Second, Third, and Fourth Level Organization Web Parts with a Data Connection**

After placing the Top, Second, Third, and Fourth Level Organization Web Parts on the page and configuring the views to show the correct columns, take the following steps for each Organization Web Part starting with Top Level Organization Web Part:

* If the page is not already in **Edit** mode, click **Page > Edit.**
* On the **Top Level Organization Web Part** toolbar, on the right side, click the Down arrow and then select **Connections**.
* On **Connections**, select **Send Selected Item To > Second Level Organization.**
* Repeat the steps as needed to connect the **Second, Third,** and **Fourth Level Organization Web Parts.**

**Add an Organization**

This CEWP provides a link to the **New Item form** on the **Organization external list.**

The ET.TTsolution delivers this CEWP part with the correct link. In the Web Parts pane, under Miscellaneous, click **ET.TTLP Admin New Org**.

Audiences: ET.TTAdministrators

**Reports**

To be determined.

**Training Events**

This is a Business Data List web part that points directly to the external list **TrainingEvents.**

Web Part Properties > Title Url –make sure this property has # in it to prevent users from browsing to the list.

Audiences: ET.TTAdministrators