Meridian User Guide Explorer Client

Meridian Explorer Client 2023 Accruent

Revision 12 - Last updated August 2024



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1. Introduction

1.1 What's in this guide

This document establishes the requirements for the searching and management of Powerco's documents held in Meridian Explorer, also known as Meridian Explorer BlueCielo, referred to as application in this document. This guide contains high-level information to help you navigate the application and will outline the **views** held in the application

1.2 Who should read this guide?

This user guide applies to all Powerco staff, External contractors and consultants working for Powerco with involvement in accessing, viewing and documents held in Meridian Explorer Client.

1.3 Typographic Convention

This user guide shall have the following typography rules, which make it easy to follow:

Table 1

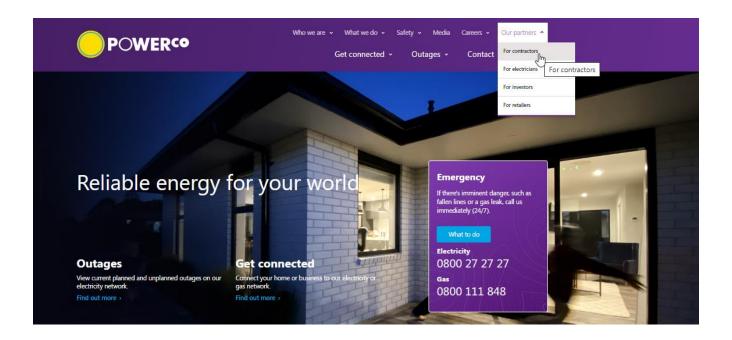
Typeface or Symbol	Meaning	Example
Bold text Segoe UI (Body) 10pt Bold	Indicates the first time use of specific terminology defined in the glossary or important term	This depends on which view you are in
Segoe UI (Body) 10pt	The body of the text in the document	
Courier New 9tp bold	The names of commands, files, and directories; on-screen computer output	Command:
Courier New 9tp	What you type, contrasted with on-screen computer output	Password:machine_name
Courier New 9tp Italic	Command-line placeholder: replace with a real name or value	To delete a file, type rm filename.
Times New Roman 9pt Italic	Book titles, new words, or terms, or words to be emphasized.	Read Chapter 6 in <i>User's Guide</i> .
		These are called <i>class</i> options.
Segoe UI (Body) 10pt Blue	The blue and underlined text shows links or just blue text highlights URL and email information	IS.Support@powerco.co.nz
		IS.Support@powerco.co.nz
[square bracket] Segoe UI (Body) 10pt	Symbol used as place holder for specific information that the user guide editor will provide	Use the [application]
Segoe UI (Body) 10pt Italic colour purple	Shows template instructions to User Guide creator/editor,	Describe what this guide contains



1.4 Accessing application

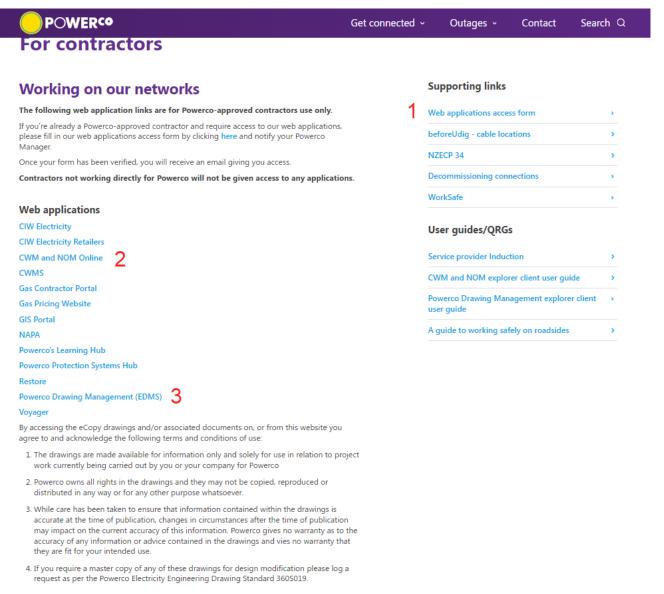
Permission is required to access the Powerco documents held in Meridian Explorer Client application. If you are unable to log into the application, please contact IS.Suport@Powerco.co.nz

1.4.1 Access is available via the Powerco web Home page, Our partners dropdown >For contractors





1.4.2 From the For Contractors landing page users with approved access can view Powerco Web applications



EDMS runs on Edge (preferred browser), Chrome and Firefox.

Table 2

	Name Description	
1	Web application access form	 Link to on-line form, complete if you require access to Meridian Explorer application
2	CWM and NOM Online	 Access link to Contract Works Manual and Network Operations Manual Online
3	Powerco Drawing Management (EDMS)	Access link to Powerco Drawing Management system

 Document number:
 1022934
 Version: 12
 Document owner: Electricity Design Manager
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 Review date:
 16/08/2025
 Status: Issued
 Data classification: Public [refer 150S063 standard]



1.4.3 Once you have selected the application view you require, you will then need to complete required security login. The number of requested Username and Password dialog boxes will depend on whether you have logged in before, your browser and how your system is setup.

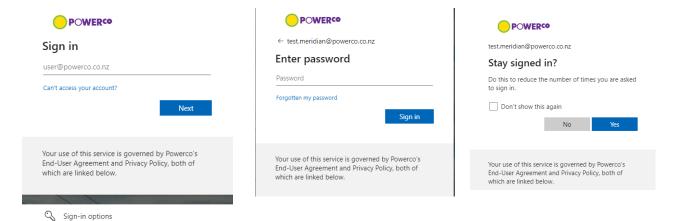
If it is the first time you are logging into the application, you may be prompted to select your account and enter your password. Once saved, you won't need to do this for another 14 days.

Ensure you access a Powerco application within 60 days of your last login. If you do not your access will be blocked as per Powerco Security Policy.

If this happens email IS.Support@Powerco.co.nz to unblock your account.

All accounts are reviewed every 12 months by the approving Powerco manager.

The Details you will need to enter are the **Powerco identifier email address** (<u>firstname.last@Powerco.co.nz</u>) and **Powerco Password.** The browser may remember your details, choose to log in as "another user" with Powerco email address.



If you only see a blank page, please minimise what is displayed as the dialog box maybe hidden behind. Then you will be asked for you user credentials,



1.5 Naming convention

The naming convention of files in the Meridian Explorer Client follow a hierarchy of information unique to the documents with-in the specific folder, i.e. unique ID. (filename).

This hierarchy will depend on what type of documents you are looking at.

Refer to specific sections below for further information.

1.6 Document taxonomy

The structure that the documents are stored in has the following levels.

Level 1 – Geographical or Area of works

Level 2 – Site type or Job type

Level 3 - More detail

There is no specific **tagging** applied to the documents in this application.

1.7 Technical support

If the function you are trying results in an error, screenshot the error and send to IS.Support@Powerco.co.nz

1.8 Definitions

Technical terms used in this guide,

Table 3

able 5		
Term Definition		
eCopies	PDF file format of document for reference	
Native format	Format of the document from the application that created it	
Rendition	PDF file format of document for download	
Tagging	 key grouping of metadata tag to return all documents with a specific tag to be returned during a key word search 	
Thumbnail	 Snapshot type image of document, not always clear. Gives the user an indication of what the document looks like before viewing 	
Tiles	 on the home page you will see view options for different types of documents, these are tiles 	
User / Viewer	The persons using the application to review, view or download a document held in the application	
View	Views are created to show specific document types, e.g., written standards, drawings	



2. Home page and Landing page - Application

2.1 Home page



Table 4

Tubic	1016 4			
	Name	Description		
1	Views	Click to display the list of available Views, this will depend on your security access level		
	Favorites Saved Searches	 This is not currently setup for saving Click to display your saved searches, users to set up, refer section 3.6 		
2	Recently used	Tiles you have recently used to view documents		
3	User profile	Click to view your profile		
4	Recent searches	Displays the last searches you did		

The number of **tiles** on the home page will depends on your viewing access.



Table 5

Name	Description	
Contract Works Manual	• This tile contains PDF renditions of Powerco written standards, these are available for contractors working on the Powerco Network	
Electricity Field Records eCopies	This tile contains PDF renditions of historical Electricity documents of the now Powerco owned network	
Gas Field Records eCopies	This tile contains PDF renditions of historical Gas documents of the now Powerco owned network	
Electricity Network eCopies	This tile contains PDF renditions of the current Electricity documents of assets on the Powerco network	



2.2 Landing page

Once you select the required tile, this will take you to the landing page with the documents you wish to view. The areas of the landing page are as described in table 4 below.



Table 6

	Name	Description	
1	Home button	Click to return to the Home page	
2	Tab bar	Shows tabs for the open Views or items	
3	Navigation pane	Shows the selected navigation method for the current View: Navigation View, property-based navigation, folder navigation, and form search.	
4	Quick Search	Type in document ID or key word in search bar	
5	Reset	Reset after a search, to clear all filters from the last search	
6	Ribbon	Shows commands available in the current View or for the selected search results	
7	Results pane list	Search results	
8	Results navigation	• Buttons to Reset after a search, to clear all filters from the last search move to First previous, next or last record	
9	Property Pages	Tabs to switch between the Property Pages available for the selected document.	



	Name	Description	
10	Personal Preferences	Click to change your personal preferences	
11	Page Size	 The text will indicate the number of total files your search has found. Highlight the icon to show the options of number of files to view per page 	

2.3 Searching for a document

Documents can be searched for by Navigation View, Quick Search or Form Search. Explained further in section 3.3. If an icon is grey this means the function is not available.

Table 7

Name	Description
Navigation Vie	 When searching with navigation view, you are manually searching through the hierarchy of the file structure
Quick Search	When searching with quick search, you use the document unique ID or title
Form Search	When searching with form search, you are searching in a specific metadata field
Form Search (advance)	 Click the button in the lower left-hand corner to access the advanced Form Search. The advanced Form Search gives greater flexibility in your search by allowing you to specify the joining operators "And" and "or" to build complex queries on multiple properties, change the criteria of the search from "contains" the entered value to "must equal" the entered value, and relist the same property to be searched for different values simultaneously.
Save	Saves the current document search so you can access it again
Reset	Reset after a search, to clear all filters from the last search

2.4 Saving a search

Once you have completed a search you will be able to save this group of documents. You can also use navigational search to a folder level and save.

Your saved searches can be accessed by clicking "Saved Searches" on the home page.

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3. Navigation

This section describes how documents would be searched for by the document type or meta-data available.

3.1 Browsing

When browsing you will have a navigational structure to step through or you can browse by document type. You will need to know what the document is about or the document type. Refer section below, Different types of documents and their meta-data.

Note not all documents have all meta-data fields completed.

3.2 Different types of documents and their meta-data

- 3.2.1 The different types of documents held in Contracts Works Manuals are
- Contract Works Manuals
- Instructions & Safety Notices
- Network Operations Manuals
- Standard Design Drawings

The different meta-data held on the above document types are,

Table 8

Field	Description
Title	 When searching with navigation view, you are manually searching through the hierarchy of the file structure
Document No.	When searching with quick search, you use the document unique ID or title

- 3.2.2 The different types of documents held in <u>Electricity Field Records eCopies</u> are,
- Distribution
- Engineering drawings
- ESAs (Electricity Supply Authority)
- Field Books
- Line Condition Reports (Wairarapa)
- Plot Sheets
- Reticulation
- Service Cards
- Work Sheets (Taranaki)



The different meta-data held on the above document types are,

Table 9

Field	Description	
Record Type	Type of document, refer list above	
Street	Street address where asset information is related to. This can contain street numbers on some documents	
Suburb	Suburb where asset information is related to	
City	City where asset information is related to	

- The different types of documents held in Gas Field Records eCopies view are,
- Field Books
- Job Cards
- **Pipe Test Records**
- Reticulation
- Service cards

The different meta-data held on the above document types are,

Table 10

Field	Description	
Region	Region where asset information is related to	
Record Type	Type of document, refer list above	
Street	 Street address where asset information is related to. This can contain street numbers on some documents 	
Suburb	Suburb where asset information is related to	
City	City where asset information is related to	

3.2.3 The different types of documents held in Electricity Network eCopies view are,

- Communications
- Points of Supply
- Schematic
- **Switching Stations**
- Voltage Regulators
- **Weather Stations**
- **Zone Substations**

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The different meta-data held on the above document types are,

Table 11

Field	Description		
File Name	The name the files is known as.		
Document Category	Your option is Drawing, refers to the area of the repository the documents are held		
Drawing Title	This refers to the 3 rd title line on a drawing title block		
Discipline	This refers to the drawing discipline in the title block, i.e., Civil, Electrical		
Dwg_Location	This refers to the region which the asset document details		
Old Document Number	This refers to the original drawing number the document was known by, i.e., Manufacturers number, previous network owner		
Title Line 1	This refers to the first line in the drawing title block, i.e., Zone Substation		
Title Line 2	This refers to the second line in the drawing title block, the site name where the asset is sited		

3.3 Searching (with-in a view)

The different search functions for a document in a view can be completed as follows. Read in conjunction with section 2.3

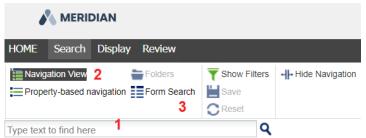


Table 12

	Name	Description	
1	Quick search	 The Quick Search bar is a contains search on all available meta-data fields for the document type. This search function is used when you either know the document ID or you are looking for a specific key word held in the meta-data. 	
2	Navigation View	 The Navigation View search, this shows the hierarchical tree-structure. This search function requires the user to step through the structure levels to find the region, asset type and specific document required. 	
3	Form Search	• Form Search shows the specific meta-data in the view to search on. This search function required the user to know a part of parts of the document title or meta-data.	



3.4 **Results Pane List from searching (all types)**

Once you have completed any search type the results will show in the Results pane list on the right-hand side. The displayed meta-data will depend on which view you are in. Not all searchable meta-data will be displayed in

Before starting another search select $\mathbf{S}^{\mathsf{Reset}}$, this clears the previous search.

3.5 Navigate the results list

The number of displayed items in the results pane list will depend on the page setup. This can be changed by use of the dropdown on the right-hand side. No items |

The results navigations arrows will step you through the search results. Refer Table 6

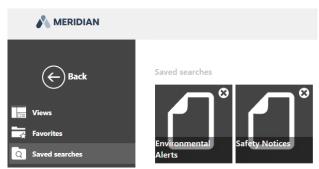
10 20 25 30 40 50 75 100 125 150 175 200 250 300

3.6 Saving a search

Saving a search, once you have completed a search you can save the search criteria to the Home page.

Highlight the folder required and select Save icon on the search tab. Complete the "save filter" dialog box with a name that will be saved to your "saved searches" view.

3.7 **Deleting a saved search**



When you no longer require the saved search, go to the saved searches on the home page and select the 🖸 icon to remove. You will see a "warning" dialog box appear asking if you are sure you wish to remove the item.

1022934 **Document owner:** Electricity Design Manager Document number: Version: 12 16/08/2025 Data classification: Public [refer 150S063 standard]



3.8 **Display properties (all types)**



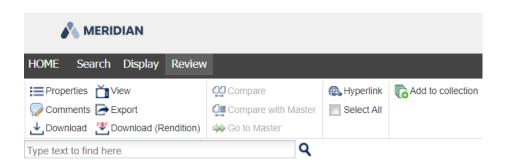
Select a document to make icons available.

Table 13

	Name	Description	
1	Preview	 The Preview icon, this will toggle the selected document property pages on and off. The General tab icon in the property pane will preview the document 	
2	Preview in window	The Preview in window icon, this will open a separate browser window to display the 'Review' tab property pages of the selected document.	
3	List, Medium, Small, Large	The List, Medium, Small, Large icons, allow the user to change the way the results are displayed	
4	Move to Right	This moved the property pane from the bottom to the right side of screen	



3.9 **Review properties (all types)**



Select a document to make icons available. Icons in gray are not available.

Name	Description		
Properties	 Display's property pane full screen, icon will preview the document. On some documents this could be a thumbnail/snapshot image of the document 		
Comments	Display's document for on-line review and comments pane		
Download ** (Rendition)	Allows the user to download the rendition (PDF) and view off-line		
View	Preview the selected document		
Download	Allows the user to download documents in native format (not PDF)		
Hyperlink	Document hyperlink available for user to send to other users that have access to Meridian Explorer Client		
Export **	Enables user to create to export a report of selected documents metadata		
Add to collection **	Enables user to create a group of documents		

^{**} Refer section 5 for Quick Reference Guide (QRG) pages

If you require further steps on the application tabs, request this via email to IS.Support@Poweco.co.nz

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4. **Documents**

Documents in this application are predominantly renditions (PDFs) for viewing on-line or downloading. Native format files can be requested via email to IS.Support@Powerco.co.nz .

Documents with formulas in Contracts Works Manuals have formulars a native file is available to download. The will be displayed.

4.1 Viewing (on-line)

Once you have found the required document you can view on-line by picking the format icon in the results pane. You will then see the property page. On the general tab select the icon or thumbnail to view document.



Select this icon to view on-line

4.2 **Searching Key word (with-in document)**

Documents can be searched for key words if the PDF rendition was created from an application e.g., AutoCAD, Microsoft.

If the PDF rendition was created from a scanned paper document key word search will not work.

4.3 **Downloading Rendition**

Download rendition files from the 'Review' tab, this will download a single document you can open the file or go to file manager and copy PDF rendition to required location.

Export Document Metadata, refer 5.1 QRG – Download (Rendition)

1022934 Document number:

Version: 12

Document owner: Electricity Design Manager Data classification: Public [refer 150S063 standard]



User Journey's 5.

The following Quick Reference Guides (QRGs) provide the user with clear visual and minimum written instructions necessary to carry out the task.

5.1	Downloading (Rendition)	<u>page 19</u>
5.2	Downloading (Native file)	<u>page 20</u>
5.3	Downloading multiple	page 21
5.4	Export document meta-data	page 22
5.5	Creating a collection	page 23

Meridian Explorer QRG - Downloading (Rendition)



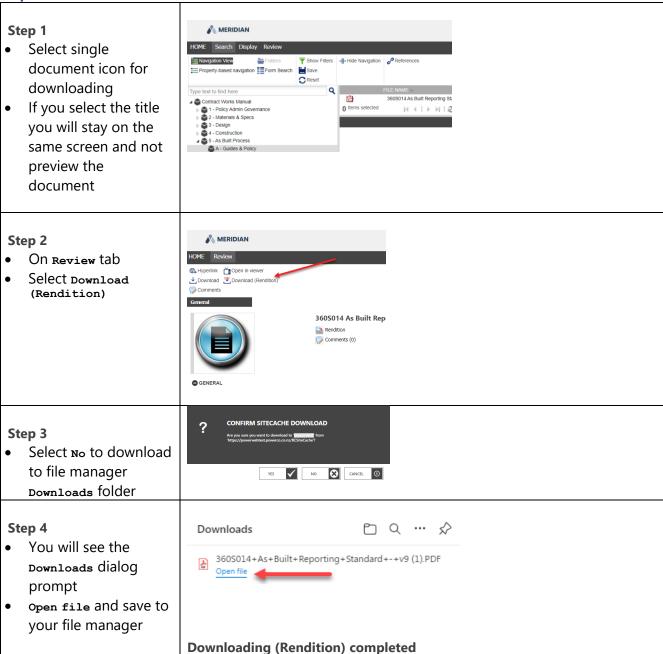
Introduction

The 'Downloading (Rendition)' Quick Reference Guide is designed to provide the user with clear visual and minimum written instructions necessary to carry out the task.

Pre-requisites

The user will have access and have found the document required to download.

Steps



Note:

Steps to download multiple documents refer 5.3 'QRG - Downloading multiple'.

Meridian Explorer QRG - Downloading (Native file)



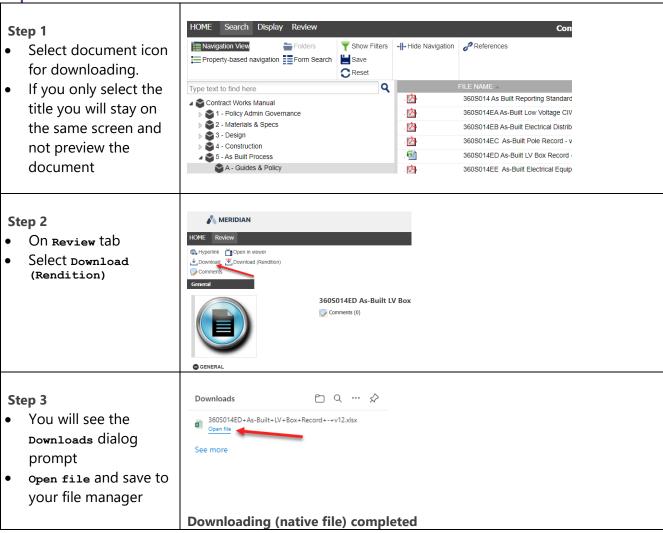
Introduction

The 'Downloading (Native file)' Quick Reference Guide is designed to provide the user with clear visual and minimum written instructions necessary to carry out the task.

Pre-requisites

The user will have access and have found the document required to download. Only selected vaults have native files.

Steps



Note:

The steps to download multiple documents refer 5.3 'QRG - Downloading multiple'.

Meridian Explorer QRG – Downloading multiple

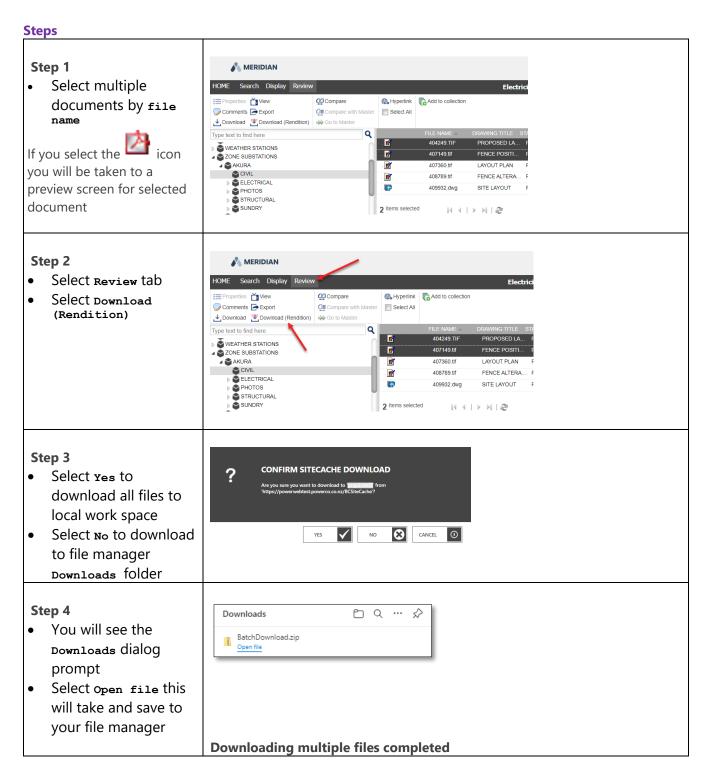


Introduction

The 'Downloading multiple' Quick Reference Guide is designed to provide the user with clear visual and minimum written instructions necessary to carry out the task.

Pre-requisites

The user will have downloaded the Meridian Explorer Client from Powerco web site Home page, refer appendix A.



Meridian Explorer QRG - Export document meta-data



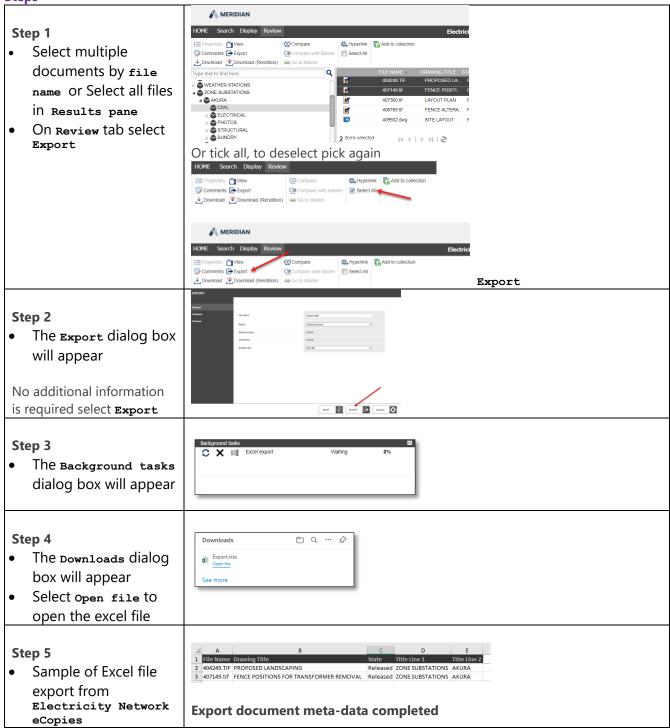
Introduction

The 'Export document meta-data' Quick Reference Guide is designed to provide the user with clear visual and minimum written instructions necessary to carry out the task. The user would use this spreadsheet of meta-data from the selected drawings for quick reference or when requesting **native files** for modification.

Pre-requisites

The user will have selected the files or created a collection from which the export of meta-data will come from. Refer to 'QRG - Add to a collection' for information on this step.

Steps



Meridian Explorer QRG – Creating a collection



Introduction

The 'Creating a collection' Quick Reference Guide is designed to provide the user with clear visual and minimum written instructions necessary to carry out the task. A collection is a saved group of documents, like a Saved Search refer 3.6. The difference is that a Saved Search can be modified over a time by adding or removing documents at will, while the documents grouped in a Collection remain <u>static</u>.

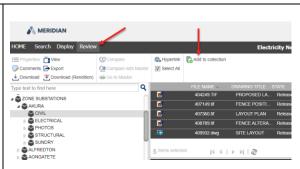
Pre-requisites

The user will know how to search for a file. Refer section 3 Navigation

Steps

Step 1

- Select multiple documents by file
- On Review tab select Add to collection

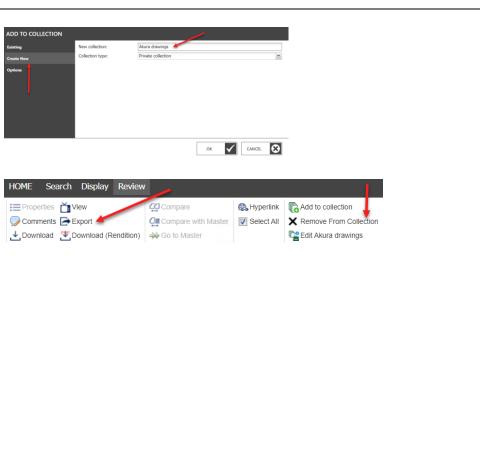


Step 2

- The ADD TO COLLECTION dialog box will appear
- Select create New and type a name for the collection in the New collection box
- Select if collection is Private Of Shared pick ox
- You will then only see the option Export to pick

Note;

You can now **Export** your collection of information or add more files to your collection, to export refer *QRG - Export document meta-data*

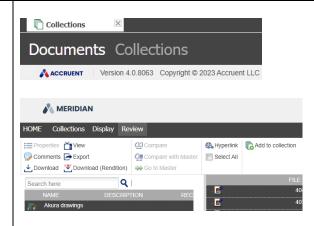


Meridian Explorer QRG – Creating a collection...



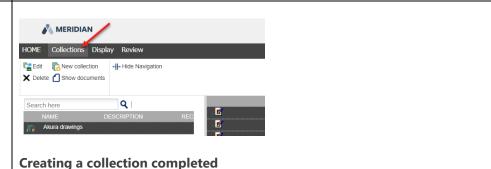
Step 3

- To view collection, select collections at the bottom left-hand corner of Meridian Explorer
- To add more documents to the collection, repeat from Step 1



Step 4

 To remove collection, view collection and select specific collection pick pelete





6. User Preferences

There is minimal you can change as a user, though there are some personal preferences you can change. Refer below for column and download options.

6.1 Configure Personal Preferences

At the top right corner of any page, click your name. Your personal profile pages appear. **General** user preference and **options** (no selectable items). Select **x** to close page.



Table 15

	Name	Description	
1	Language	Select CHANGE , this will allow you to choose a language option for the user interface (not data) shown	
2	Local user settings	Select RESET to remove your personal settings and restore the default settings	
3	Workspace	Computer name of the location of your preferred local workspace	

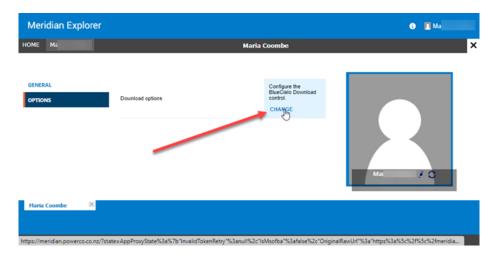




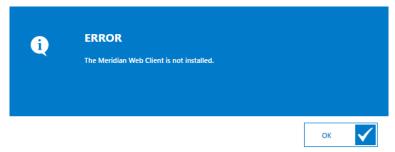
OPTIONS user preference options

Table 16

Name	Description	
Download options	 Select CHANGE, you will only be able to change this setting if you have downloaded the Meridian Explorer Client, only required for multiple downloads 	



You will see this Error dialog box if you try to change the Download option if you have not installed the Meridian Explorer Client which is only required if you need to download multiple documents, refer Appendix A.



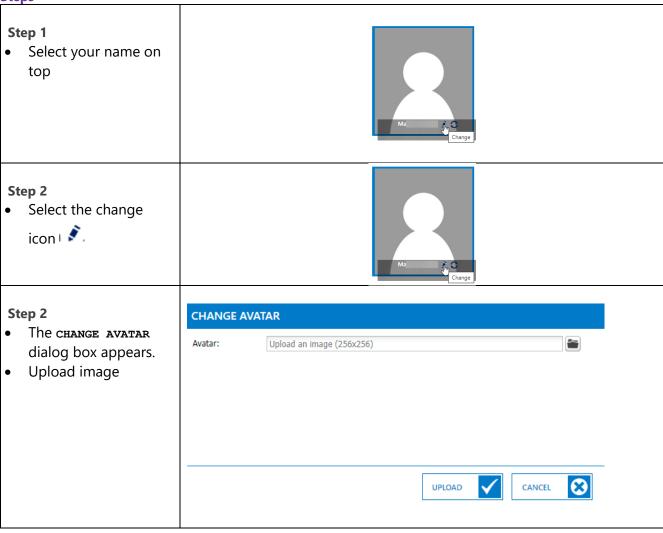
If you have downloaded Meridian Explorer Client, you will be able to change the download path.



6.2 **Change Avatar**

Your avatar is the image that appears next to our name in Meridian Explorer application. If you do not upload an image, the default image

Steps





Appendix A - Download Meridian Explorer Client

Introduction

The appendix A 'Download Meridian Explorer Client' is designed to provide the user with clear visual and minimum written instructions necessary to carry out the task.

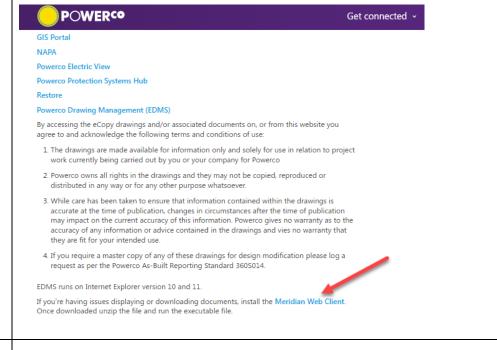
Pre-requisites

The user will have access to the Powerco web site home page. The Meridian Web Access site must be added to the Trusted sites zone, https://meridian.powerco.co.nz

Steps

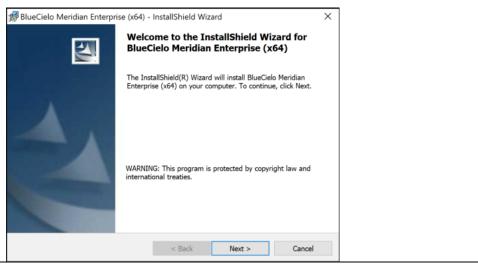
Step 1

- Download the zip file to your local hard drive 'BlueCielo Meridian Enterprise (x64).msi ' from the Powerco web site Home page
- Once installed you can delete everything

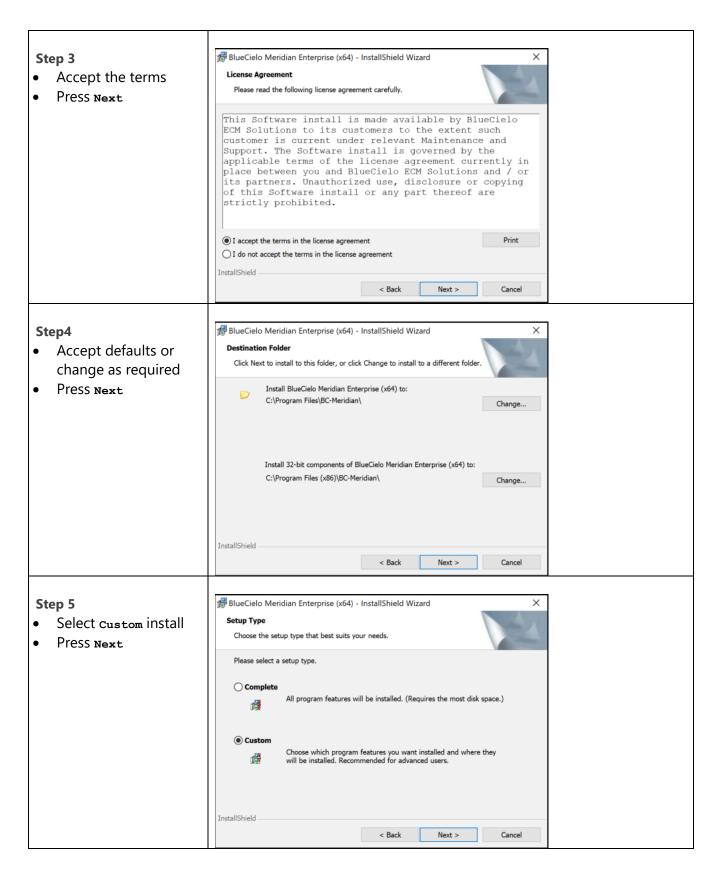


Step 2

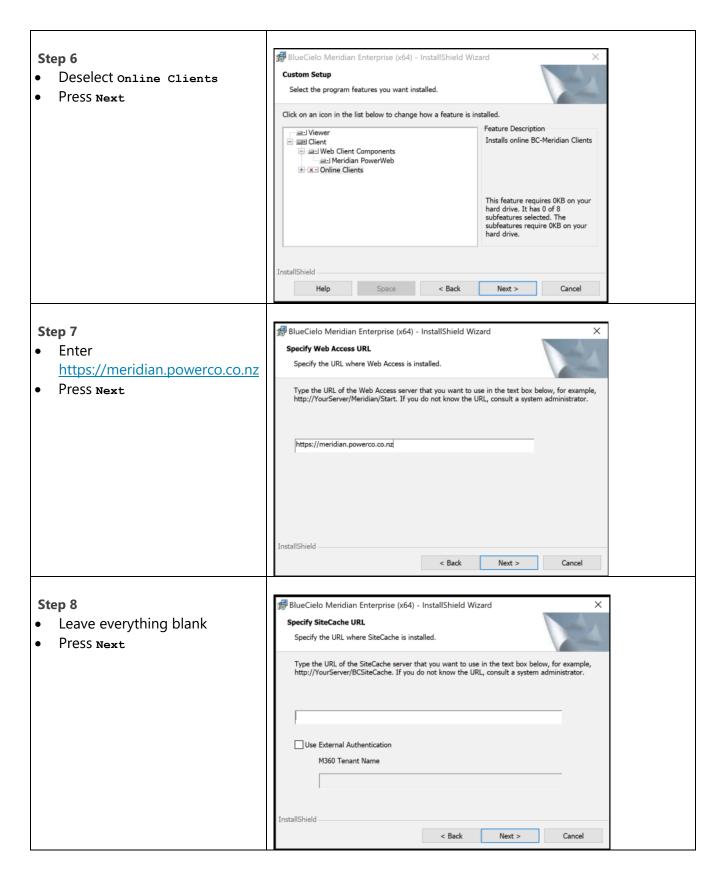
- Run BlueCielo Meridian Enterprise (x64).msi
- Press Next



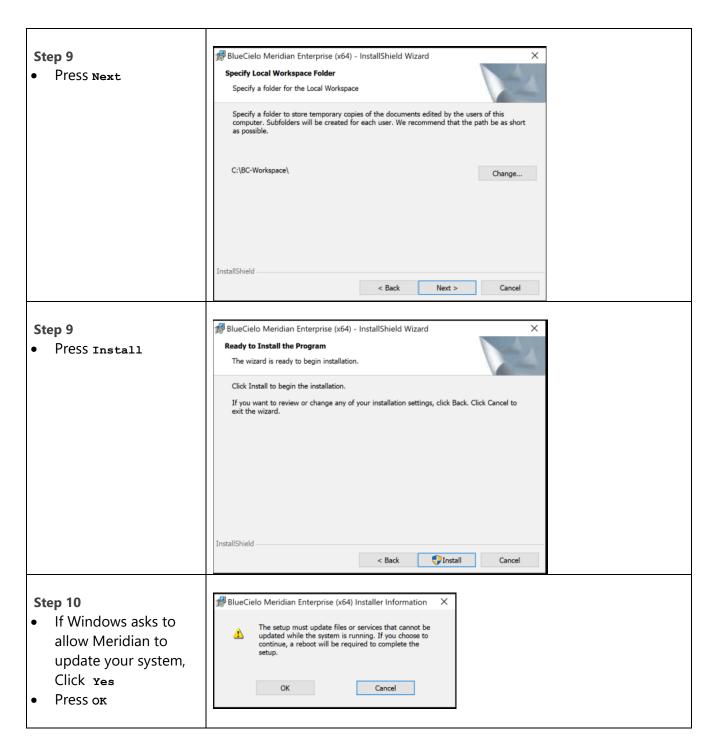




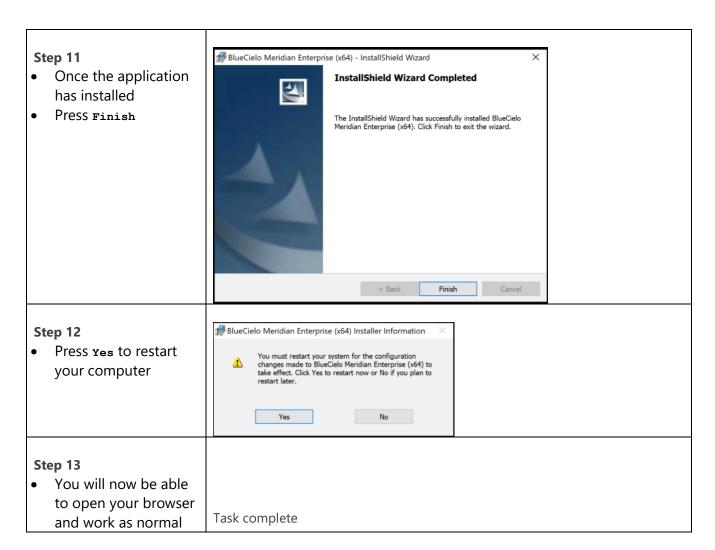












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7. Document review history

Version number	Reviewed by.	Review date	Reason
10	M. Coombe	25/07/2022	Update format, taxonomy Added Quick Reference Guides (QRG)
11	M. Coombe	23/08/2022	Minor change as required to change document from Corporate to Public Data classification
12	M. Coombe	05/08/2024	Updated to align with application upgrade