

Michigan Statewide 911 GIS Repository

Data Exporter Onboarding Training

DTMB Center for Shared Solutions

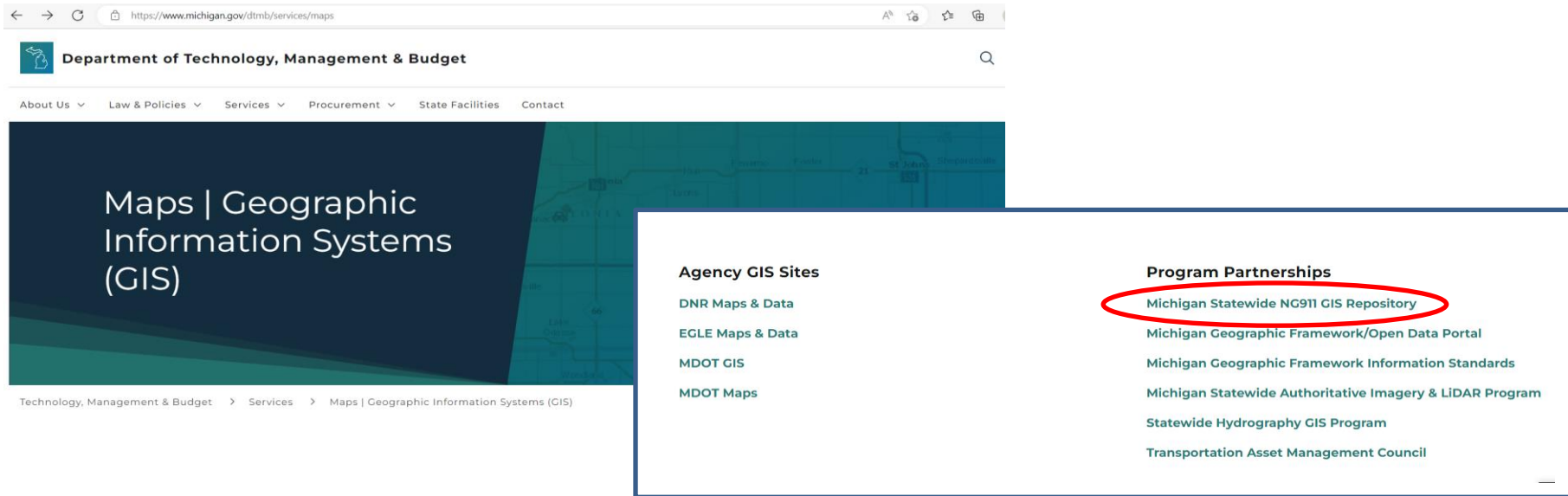
June 22, 2023



Data Exporting Training

Information and Help

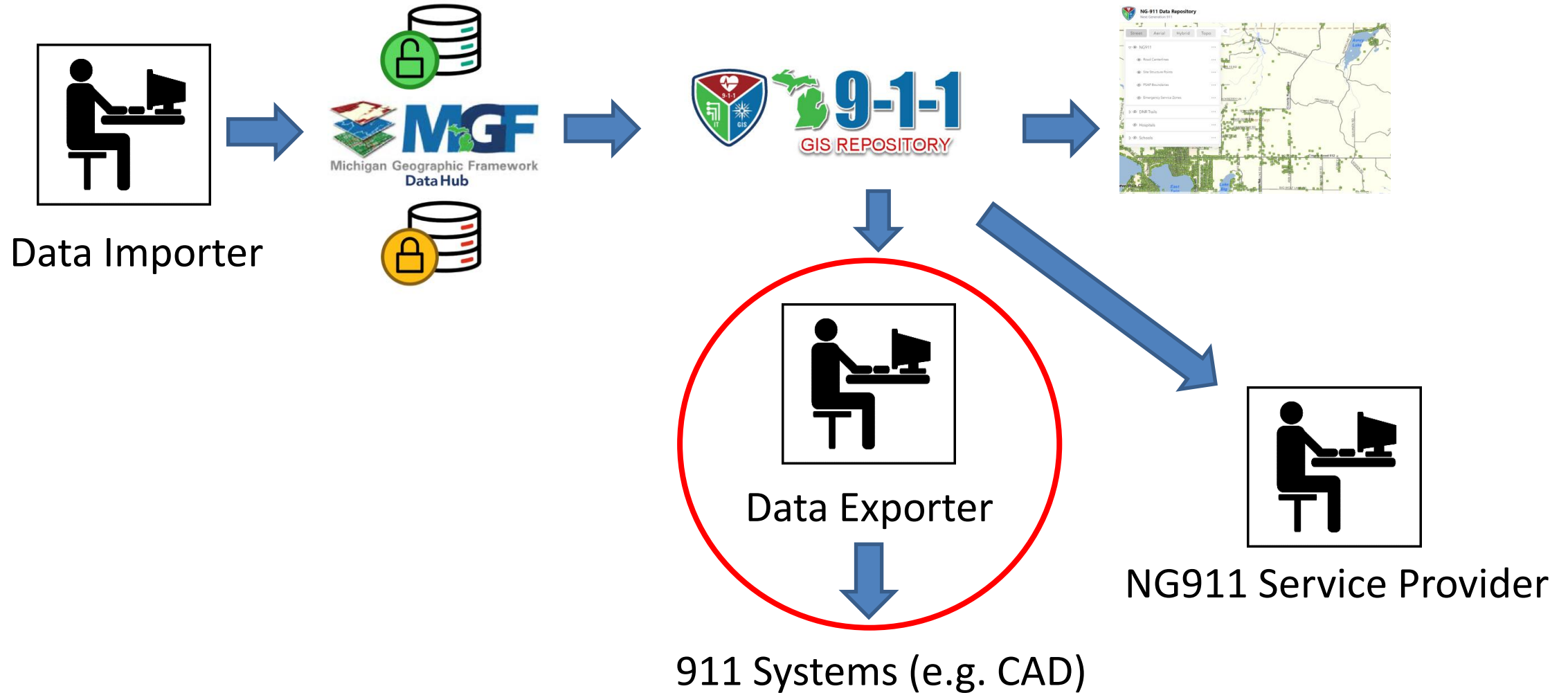
- Program website: <http://www.michigan.gov/gis>
 - Michigan Statewide NG911 GIS Repository User Documentation Data Download Tool



The screenshot shows the website for the Department of Technology, Management & Budget. The main heading is "Maps | Geographic Information Systems (GIS)". Below this, there are two columns of links. The left column is titled "Agency GIS Sites" and includes links for "DNR Maps & Data", "EGLE Maps & Data", "MDOT GIS", and "MDOT Maps". The right column is titled "Program Partnerships" and includes links for "Michigan Statewide NG911 GIS Repository", "Michigan Geographic Framework/Open Data Portal", "Michigan Geographic Framework Information Standards", "Michigan Statewide Authoritative Imagery & LiDAR Program", "Statewide Hydrography GIS Program", and "Transportation Asset Management Council". The link "Michigan Statewide NG911 GIS Repository" is circled in red.

- Helpdesk email: DTMB-NG911GIS@michigan.gov

Statewide 911 GIS Repository Roles



MiLogin Applications for Repository Roles – 2 Separate Applications


MILogin for Third Party

[HOME](#) [REQUEST ACCESS](#) [UPDATE PROFILE](#) [SECURITY OPTIONS](#) [CHANGE PASSWORD](#) [LOGOUT](#)

Home Page of Mark Holmes

Your password will expire in **362** days

Access your applications by clicking on the application links below

 Department of Technology, Management and Budget (DTMB)

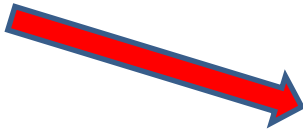
Michigan Geographic Framework Data Gateway

 Michigan State Police (MSP)

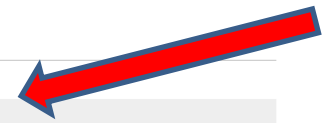
Next Generation 911 - GIS Data Repository



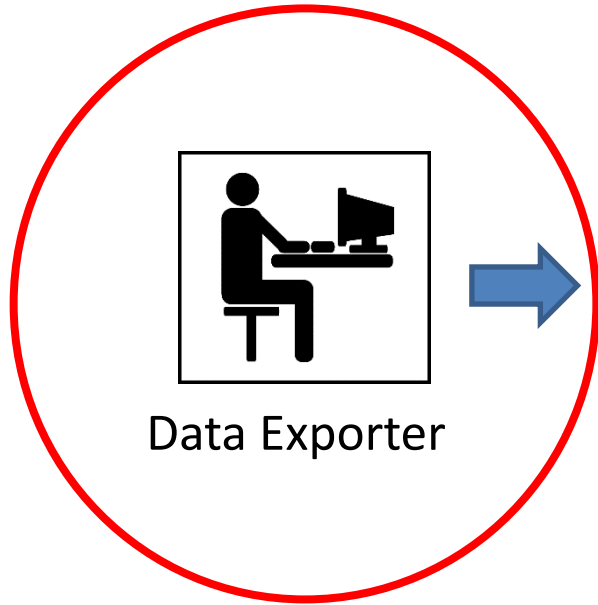
Data Importer



Data Exporter

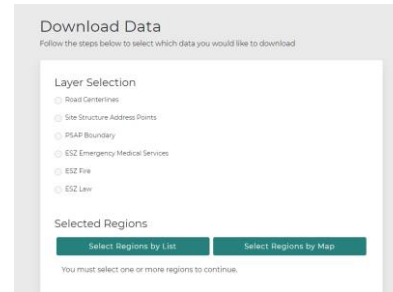


Data Exporter Role

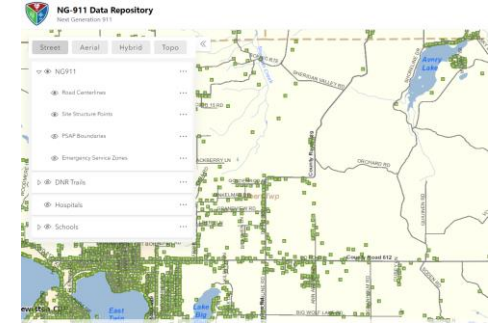


Michigan State Police (MSP)

Next Generation 911 - GIS Data Repository



Data Download



Data Viewer



911 Systems (e.g. CAD)



NG911 Service Provider

Exporter Guide to MiLogin Setup NG911 – GIS Data Repository

- Steps as part of the process
 1. Establish your MiLogin account
 2. Request access to Next Generation 911 – GIS Data Repository Application
 3. Approval request is sent to State 911 Office
 4. Once approved you will receive an email notification
 5. Log back into MiLogin and open the Next Generation 911 – GIS Data Repository Application – this will activate your username into the system
 6. State 911 Office will then assign any download permissions already granted for specific PSAPs/Counties

MiLogin – Single Sign On Data Export Tool

Via Next Generation 911 – GIS Data Repository Application

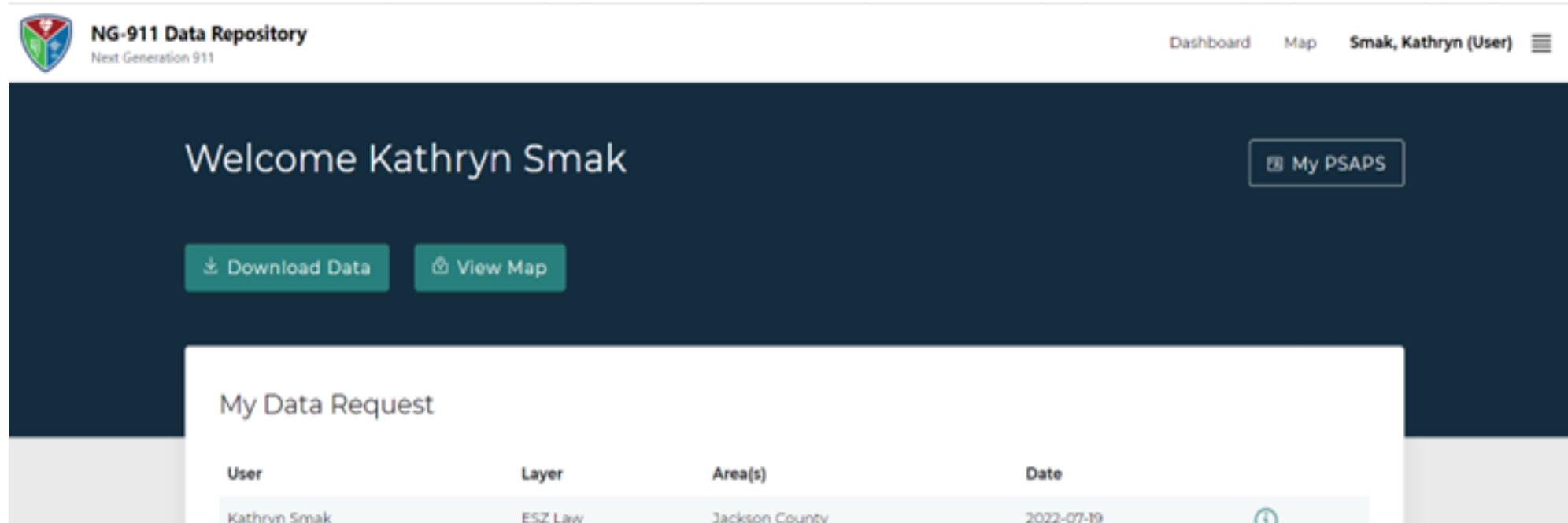


Michigan State Police (MSP)

Next Generation 911 - GIS Data Repository

NG911 Data Download Dashboard

- Log into the **Next Generation 911 - GIS Data Repository** through MiLogin. The homepage is your dashboard. At the top left under the welcome text, select **Download Data**.



NG-911 Data Repository
Next Generation 911

Dashboard Map Smak, Kathryn (User)

Welcome Kathryn Smak

My PSAPS

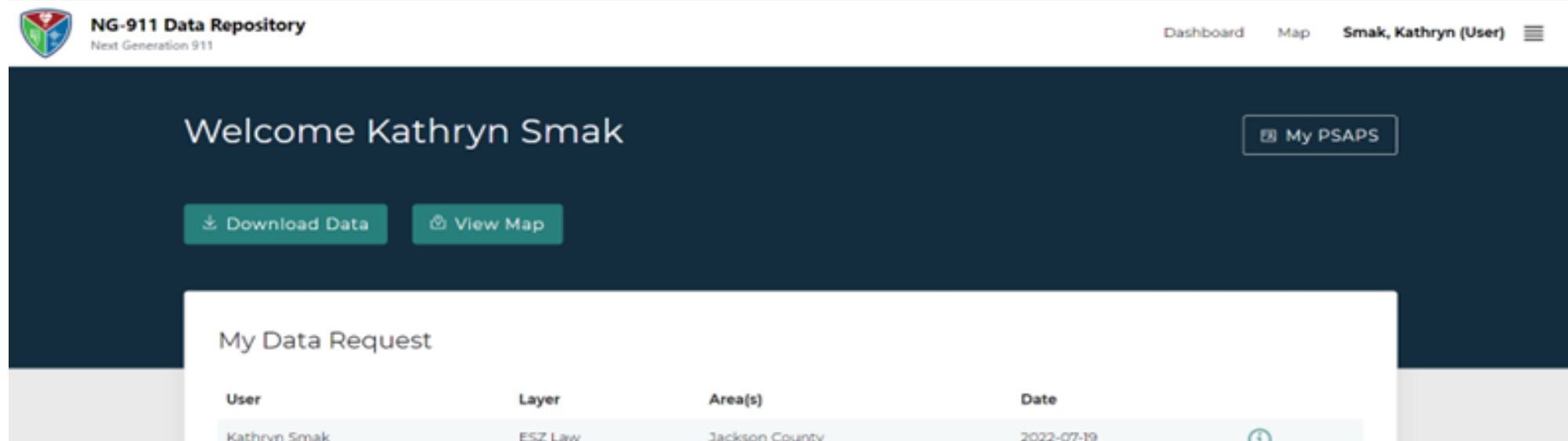
Download Data View Map

My Data Request

User	Layer	Area(s)	Date
Kathryn Smak	ESZ Law	Jackson County	2022-07-19

NG911 Data Download Dashboard

- If you do not see Download Data button it is because you do not have permissions to download any data yet.
- Need to reach out to PSAPs that you want to download data from and have them send email to Lyndsay Keith for her to grant you download permissions for their jurisdiction



NG-911 Data Repository
Next Generation 911

Dashboard Map Smak, Kathryn (User)

Welcome Kathryn Smak

My PSAPS

Download Data View Map

My Data Request

User	Layer	Area(s)	Date
Kathryn Smak	ESZ Law	Jackson County	2022-07-19

Step 1: Download Data

- **Download Data** page:
 - Select the layers for download
 - Select the regions within that layer
 - Select the download file type
 - Select the projection for the data

The screenshot shows a web interface titled "Download Data" with the instruction "Follow the steps below to select which data you would like to download". The interface is divided into several sections:

- Layer Selection:** A list of radio buttons for selecting data layers: Road Centerlines, Site Structure Address Points, PSAP Boundary, ESZ Emergency Medical Services, ESZ Fire, and ESZ Law.
- Selected Regions:** Two buttons: "Select Regions by List" and "Select Regions by Map". Below them is a message: "You must select one or more regions to continue."
- Select an Export Type:** A dropdown menu with the placeholder text "Select an Export Type".
- Select a Projection:** A dropdown menu with the placeholder text "Select a Projection".
- Next:** A green button labeled "Next" at the bottom right.

Layer Selection for Download

- First, select the layer that you would like to download in **Layer Selection**. Only **one layer type can be exported per download**. Layer options include:
 - Road Centerlines
 - Site Structure Address Points
 - PSAP Boundary
 - ESZ Emergency Medical Services
 - ESZ Fire
 - ESZ Law

Download Data

Follow the steps below to select which data you would like to download

Layer Selection

- Road Centerlines
- Site Structure Address Points
- PSAP Boundary
- ESZ Emergency Medical Services
- ESZ Fire
- ESZ Law

Selected Regions

Select Regions by List Select Regions by Map

You must select one or more regions to continue.

Select an Export Type

Select an Export Type

Select a Projection

Select a Projection

Next

Options for Download Region Selection

- **Selected Regions** – Select the region(s) to download
 - Multiple regions can be exported
 - Select Region by List
- Or
- Select Regions by Map

The screenshot shows a web interface titled "Download Data" with the instruction "Follow the steps below to select which data you would like to download". Under the "Layer Selection" section, there are six radio button options: "Road Centerlines", "Site Structure Address Points", "PSAP Boundary", "ESZ Emergency Medical Services", "ESZ Fire", and "ESZ Law". Below this is a section titled "Selected Regions" which is highlighted with a red border. It contains two buttons: "Select Regions by List" and "Select Regions by Map". Below the buttons is a message: "You must select one or more regions to continue." Further down, there are two dropdown menus: "Select an Export Type" and "Select a Projection". At the bottom right, there is a "Next" button.

Region Selection for Download Options

- **Select Region by List** – Pick all regions required from the list of options.

- **Select Regions by Map** – Identify the desired regions on the interactive map. A map of regions will appear.

Region Selection

Select all that apply (CTRL/Command + Click for multi-select)

- Arenac County Central Dispatch
- Iosco County Central Dispatch
- Jackson County Sheriff's Office Central Dispatch
- Macomb County Sheriff Department
- Oakland County Sheriff Office
- Ogemaw County Central Dispatch
- Shelby Township Police Department

Cancel Apply

Region Selection by Map

Map showing Michigan regions with several highlighted in orange. The map includes labels for major cities and lakes (Lake Michigan, Lake Huron, Lake Erie).

Buttons: Add Regions, Remove Regions, Clear All Regions, Done

Powered by Esri

Note: Only Regions (counties or PSAPs that you have been given download permissions will appear in list or highlighted on the map)

Selecting an Export File Type

Download Data

Follow the steps below to select which data you would like to download

Layer Selection

- Road Centerlines
- Site Structure Address Points
- PSAP Boundary
- ESZ Emergency Medical Services
- ESZ Fire
- ESZ Law

Selected Regions

You must select one or more regions to continue.

Select an Export Type

Select a Projection

- **Select an Export Type**
 - Shapefile
 - File geodatabase

Projection Options for Download File

- **Select a Projection**
- **Options:**
 - Michigan GeoRef
 - WGS 1984 Web Mercator
 - NAD 1983 State Plane Michigan North
FIPS 2111 Feet
 - NAD 1983 State Plane Michigan Central
FIPS 2112 Feet
 - NAD 1983 State Plane Michigan South
FIPS 2113 Feet

Download Data

Follow the steps below to select which data you would like to download

Layer Selection

- Road Centerlines
- Site Structure Address Points
- PSAP Boundary
- ESZ Emergency Medical Services
- ESZ Fire
- ESZ Law

Selected Regions

[Select Regions by List](#) [Select Regions by Map](#)

You must select one or more regions to continue.

Select an Export Type

Select a Projection

[Next](#)

Step 2: Select Attribute Download Options

Data Fields

Follow the steps below to select which data you would like to download

Match Data Fields to: **PSAP Boundary**

Select a Profile

Default Generated Profile

[+ Create New Profile](#)

** Field names and types can only be edited when a custom profile is selected.*

Geodatabase	Field Name*	Type
OBJECTID	OBJECTID	Number
Discrepancy_Agency_ID	Discrepancy_Agency_ID	Alphanumeric
Date_Updated**	Date_Updated	Date
Effective**	Effective	Date
Expiration_Date**	Expiration_Date	Date
Emergency_Service_Boundary_NENA	Emergency_Service_Boun	Alphanumeric
State	State	Alphanumeric
Agency_ID	Agency_ID	Alphanumeric

- **Data Fields** – Populated based on **Select Profile Dropdown** options.
 - Option 1: Default Generated Profile:
 - Field generated automatically based on layer and export type.
 - Select **default geodatabase profile** or **default shapefile profile**.

***Note:** Some default geodatabase field names will not be compatible with a shapefile output.

Select Attribute Download Options

- **Data Field** – Populated base on **Select Profile Dropdown** options.
 - Option 2: Create a New Profile
 - Customize output fields
 - Adjust field name and field types

Data Fields

Follow the steps below to select which data you would like to download

Match Data Fields to: **PSAP Boundary**

Select a Profile

Default Generated Profile

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** Field names and types can only be edited when a custom profile is selected.*

Geodatabase	Field Name*	Type
OBJECTID	OBJECTID	Number
Discrepancy_Agency_ID	Discrepancy_Agency_ID	Alphanumeric
Date_Updated**	Date_Updated	Date
Effective**	Effective	Date
Expiration_Date**	Expiration_Date	Date
Emergency_Service_Boundary_NENA	Emergency_Service_Boun	Alphanumeric
State	State	Alphanumeric
Agency_ID	Agency_ID	Alphanumeric

Saving New Profiles & Deleting Old Ones

- Once your new profile is complete, save it for future use.
- Can also delete old customized profiles.

Data Fields
Follow the steps below to select which data you would like to download

Match Data Fields to: **PSAP Boundary**

Select a Profile

New Profile

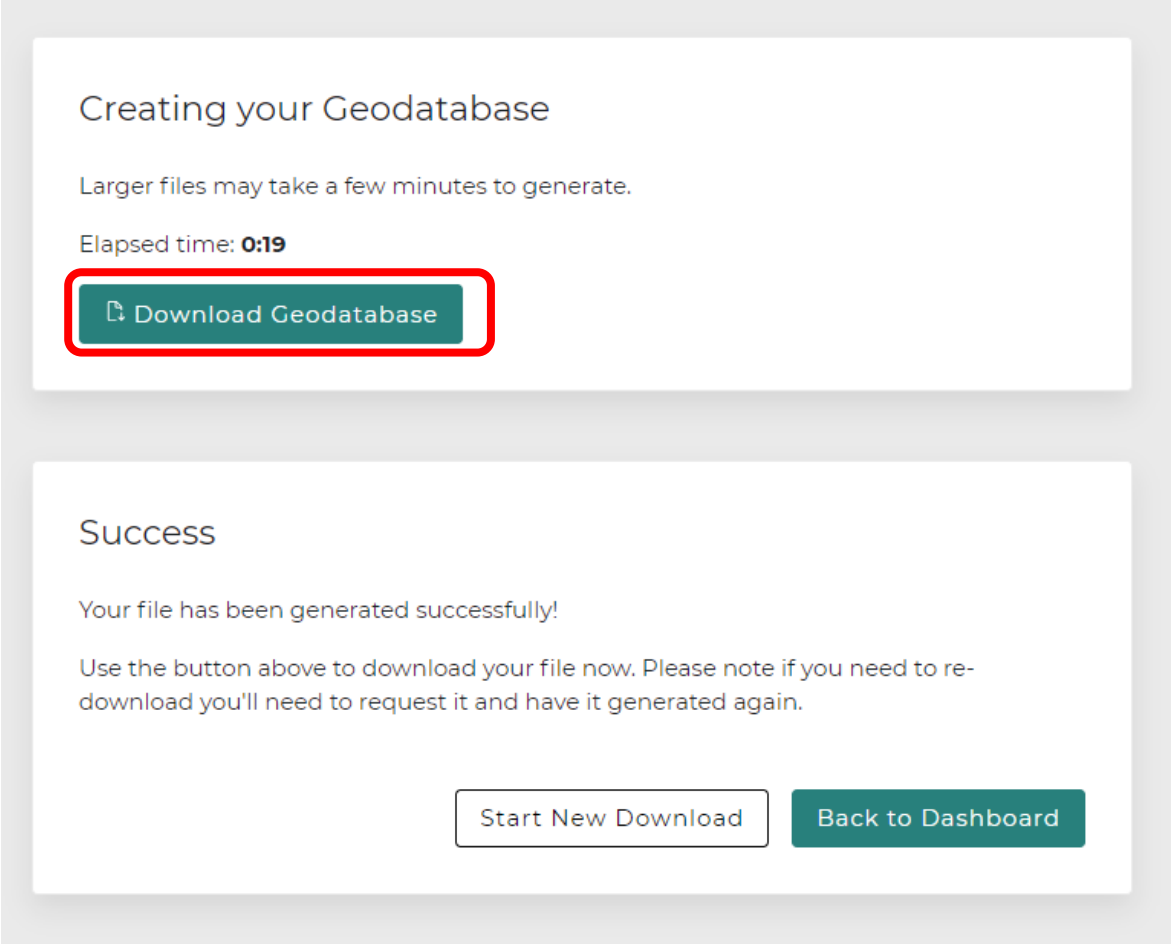
[⊕ Create New Profile](#) [Delete Profile](#) [Save Profile](#)

** Field names can only contain letters, numbers, and underscores.*
*** Only entries with date based data can be stored in date format*

Geodatabase	Field Name*	Type
OBJECTID	OBJECTID	Number

Downloading Your Export File

- After clicking Next and accepting the terms and conditions, your geodatabase or shapefile will be generated, which may take a few moments.
- Once generated, download your datafile.
- Additional options: Start New Download, Back to Dashboard.



The screenshot displays a two-step process. The top section, titled 'Creating your Geodatabase', includes a note that larger files may take a few minutes to generate and shows an elapsed time of 0:19. A green button with a download icon and the text 'Download Geodatabase' is highlighted with a red border. The bottom section, titled 'Success', confirms that the file has been generated successfully and provides instructions to use the button above to download the file. It also includes two buttons: 'Start New Download' and 'Back to Dashboard'.

Problems During Download

- What do I do if I receive an error during downloading?
 - The most common error you are likely to see is Timeout – Contact Administrator
 - If you see this or any other error, contact the MGF Data Gateway and NG911 GIS Data Repository Support Helpdesk at:

DTMB-NG911GIS@michigan.gov



MiLogin – Single Sign On Data Export Tool Demo



Questions

MGF Data Gateway and NG911 GIS Data Repository Support Helpdesk

DTMB-NG911GIS@michigan.gov