

Michigan Statewide NG911 GIS Repository User Documentation Data Download Tool

Department of Technology, Management and Budget
Center for Shared Solutions

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Introduction

To download output data from the NG911 GIS Repository, you will need to have a MiLogin account and request access to the Next Generation 911 – GIS Data Repository. Instructions for this process are provided in [Appendix 1](#). Once you are granted access, an NG911 GIS system administrator will create your profile.

After your profile is set up, you will log into Next Generation 911 – GIS Data Repository via MiLogin to download your desired data from the NG911 GIS Repository. This guide is designed to take you through the steps required to NG911 data from the NG911 GIS Repository. You will format your data file type and format field changes.

How to Use this Guide

This guide will provide detailed steps that will walk you through the process of downloading data from the NG911 GIS Repository. Complete each section in the order presented in this guide. All sections must be completed for you to download your data successfully.

If you have questions or run into problems, consult the frequently asked questions in [Appendix 2](#) or contact the NG911 GIS Helpdesk at DTMB-NG911GIS@michigan.gov.

NG911 GIS Repository Data Download

Log into the NG911 GIS Repository through MiLogin. The homepage is your dashboard. At the top left under the welcome text, you will see an option to select **Download Data**. If you do not see the Download Data option, you do not have download permission set and you will need to contact DTMBNG911GIS@michigan.gov if you have been designated as a data exporter by your PSAP.

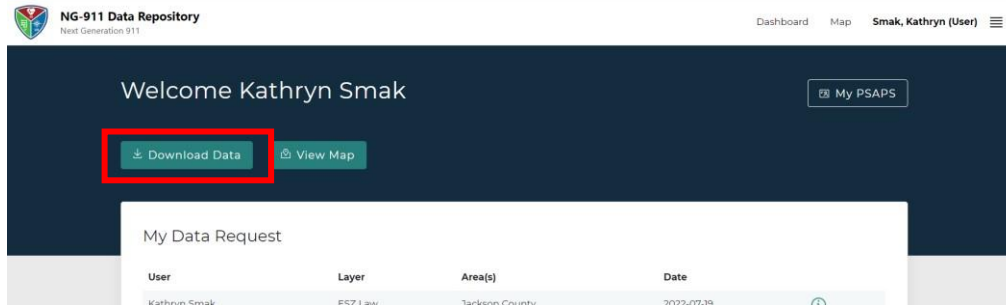


Figure 1 – NG911 Data Download Dashboard

Download Data

When **Download Data** is selected, the **Download Data** page will open.

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

Figure 2 - Download Data page

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](#)

Figure 3 – Layer Selection

Once your layer type has been selected, you can continue to **Selected Regions** to select the region you would like to download. Multiple regions can be exported in the same download.

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 an Export Type

Select a Projection
Select a Projection

Figure 4 – Selected Regions

If you choose to **Select Region by List**, a list of regions will appear. Select your desired region from the list, then click **Apply** to continue. If you choose to **Select Regions by Map**, a map of regions will appear. Select your desired region on the map, then click **Done** to continue.

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

Region Selection by Map

Figure 5 – Region Selection by List, and Region Selection by Map

Next, you will **Select an Export Type**, which can be in ESRI shapefile format or ESRI geodatabase format.

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 "Layer Selection", there are radio buttons for "Road Centerlines", "Site Structure Address Points", "PSAP Boundary", "ESZ Emergency Medical Services", "ESZ Fire", and "ESZ Law". Below this is the "Selected Regions" section with two buttons: "Select Regions by List" and "Select Regions by Map". A message states "You must select one or more regions to continue." The "Select an Export Type" dropdown menu is highlighted with a red box. Below it is the "Select a Projection" dropdown menu. A "Next" button is located at the bottom right of the form.

Figure 6 – Select an Export Type

Then in **Select a Projection**, select your desired projection. Projections include:

- Michigan GeoRef
- WGS 1984 Web Mercator
- NAD 1983 State Plane Michigan North FIPS 2111 Feet - NAD 1983 State Plane Michigan South FIPS 2112 Feet - NAD 1983 State Plane Michigan South FIPS 2113 Feet

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 the text: "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", which is highlighted with a red rectangular box.
- Next:** A button at the bottom right of the form.

Figure 7 – Select a Projection

Once all your download options have been selected, click **Next** to review the download data fields in the **Data Fields** step.

Data Fields

After you have chosen your data output layer type and format, you can update the fields of your output layer.

There are default output **Field Profiles** that are automatically populated in this step based on the layer type and export type that you have chosen in the Download Data step.

You can select between the default geodatabase profile or default shapefile profile from the **Select a Profile** drop down. Note, some default geodatabase Field Names will not be compatible with a shapefile output. Shapefile field names are limited to 10 characters so field names longer than that will automatically be truncated and renamed by the system.

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

Figure 8 - Data fields, Select a Profile

You can customize your output fields by creating a New Profile, and adjusting the Field Names 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

⊕ Create New Profile

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

Geodatabase	Field Name*	Type
	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

Figure 9 – Create a New Field Profile

When you are satisfied with your changes to the Field Names and Field Types, you can save your new Profile, and then click **Next**, at the bottom of the screen.

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

Figure 10 – Save Field Profile

Review the **Terms and Conditions** and agree to proceed. These are the Terms and Conditions outlined in the Memorandum of Agreement signed by all participating PSAPs. These Terms limit the use of the data downloaded for 911 systems only and not to be shared to any third parties outside of the participating PSAP. Click the checkbox that you have read the Terms and Conditions and then click **Next**. Wait a few moments while your file is generated, and then you will be able to download your file.

Creating your Geodatabase

Larger files may take a few minutes to generate.

Elapsed time: **0:19**

[Download Geodatabase](#)

Success

Your file has been generated successfully!

Use the button above to download your file now. Please note if you need to re-download you'll need to request it and have it generated again.

[Start New Download](#) [Back to Dashboard](#)

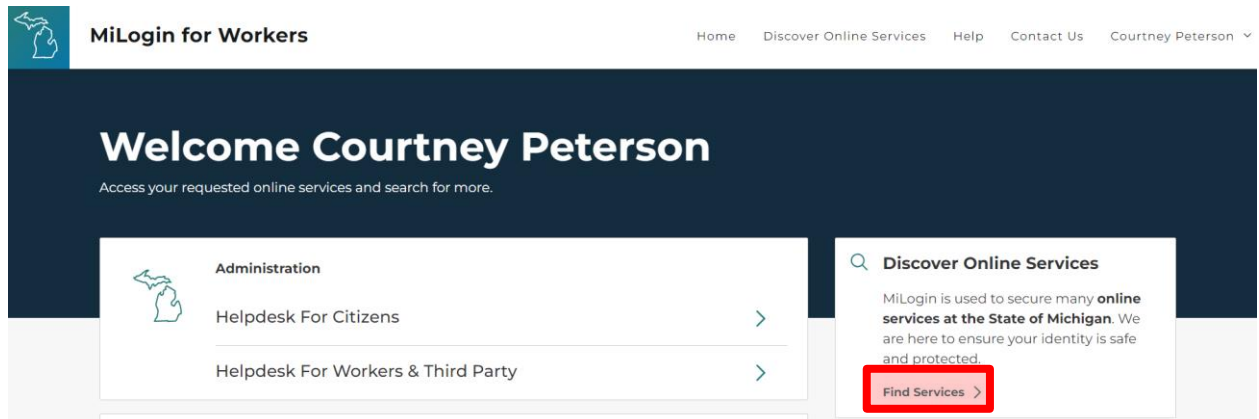
Figure 11 – Download File

Appendix 1: MiLogin Process

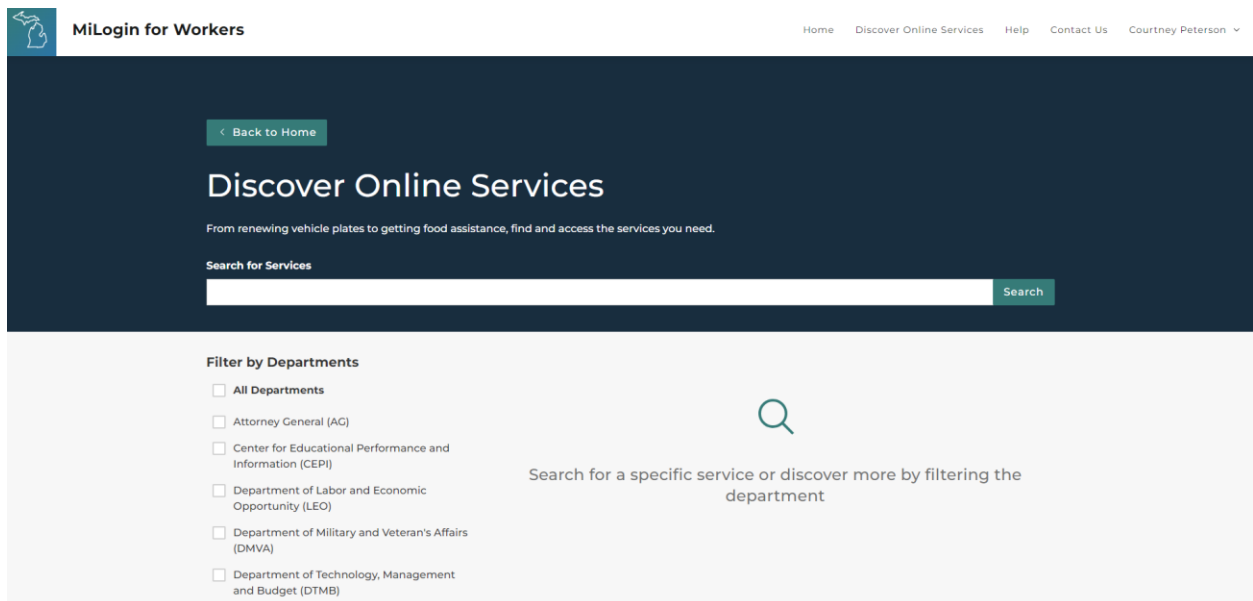
Here is the initial login information to get you started with the Contribution testing on 1DataGateway:

Step 1: Go to <https://milogintp.michigan.gov/>

Step 2: At the top of the page hit 'Find Services'



Step 3: In the Search Application field, enter "Next Generation 911 – GIS Data Repository" and select.



Step 4: Agree to the security questions and then enter you contact information. Then Submit the request by completing this request process.



Next Generation 911 - GIS Data Repository

Next Generation 911 - GIS repository. Provides mapping for emergency responders for roads, trails, hospitals, schools.

Please accept the Terms and Conditions to continue:

Terms & Conditions

State of Michigan Notice - PLEASE READ CAREFULLY., Unauthorized use of the system is prohibited and violators may be subject to criminal and civil penalties including disciplinary action up to and including dismissal. Clicking the OK button certifies that you have read and agree to comply with this standard, that you are an authorized user, and that you will use this system purposes only. This system is the property of the State of Michigan and is restricted to authorized users. This system is restricted to official state use as defined in 1340.00.130.02 Acceptable Use of Information Technology Standard as Revised. This computer system may be monitored and information examined, recorded, copied, and used for authorized purposes. There is no presumption of privacy when using this computer system. The following link will take you to the entire standard: <http://www.michigan.gov/pcpolicy>

I agree to the Terms & Conditions

Launch service

Request Access



Additional Information

Provide following information to submit your access request

* Required

* Email Address

* Work Phone Number

Request Access



Confirmation

✓ **Success**

The request for your access has been successfully submitted.

You will see the updated list of application(s) on your home page once it is processed.

Step 5: I will receive an email that you are seeking approval for access to Next Generation 911 – GIS Data Repository, once accepted you can continue onto the next step.

Step 6: Once you have approval. Go to <https://1datagateway.state.mi.us/> **Step**

7: Select ‘Sign in with MILogin Third Party – External User’

If you are having trouble with MILogin, feel free to reach out and contact DTMB-NG911GIS@michigan.gov and we can set a meeting to troubleshoot the issue. We can also set a meeting to run through an initial test process if that helps get you started with 1DataGateway.

If you have any questions, problems, or suggestions, then feel free to reach out. If you need help setting up your submissions and assignments, we can set up another meeting to do so, just let us know.

Appendix 2: Frequently Asked Questions

How do I connect to MiLogin?

Please reference the training materials to create an account, or if you have an existing Third-Party Worker account, the training materials will also describe how to request access to the Michigan Geographic Framework Data Gateway application for those with the role of Data Importer. If you have any questions, you can email DTMB-NG911GIS@michigan.gov.

If I have a MiLogin account, do I need to create another one?

The MiLogin account needs to be a Third-Party Worker account. The website is <https://milogintp.michigan.gov/>. If you have previously created an account as a Third-Party Worker, you should be able to login using your existing User ID and Password. Then you will request access to the Michigan Geographic Framework Data Gateway if you are going to be in the role of a Data Importer. Instructions to create an account and/or request access to an application are outlined in the training materials.

How do I know when I have full access to the system?

Once you request access to the Michigan Geographic Framework Data Gateway, DTMB reviews it to determine if you are an authorized Data Importer, and once approved you will receive a confirmation email. You will also receive another email shortly thereafter outlining next steps and onboarding for the application.