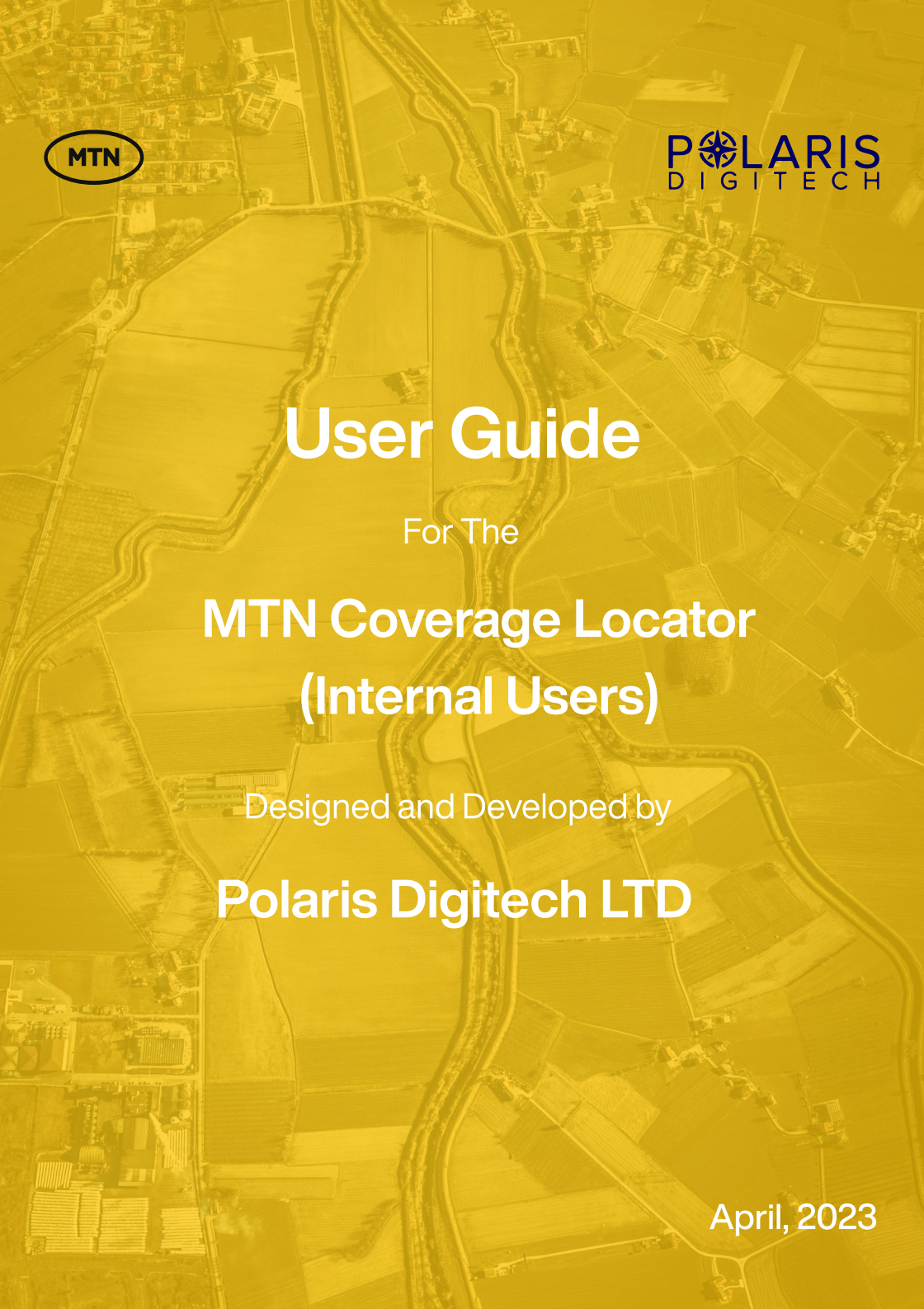


User Guide

For The

MTN Coverage Locator (Internal Users)

Designed and Developed by

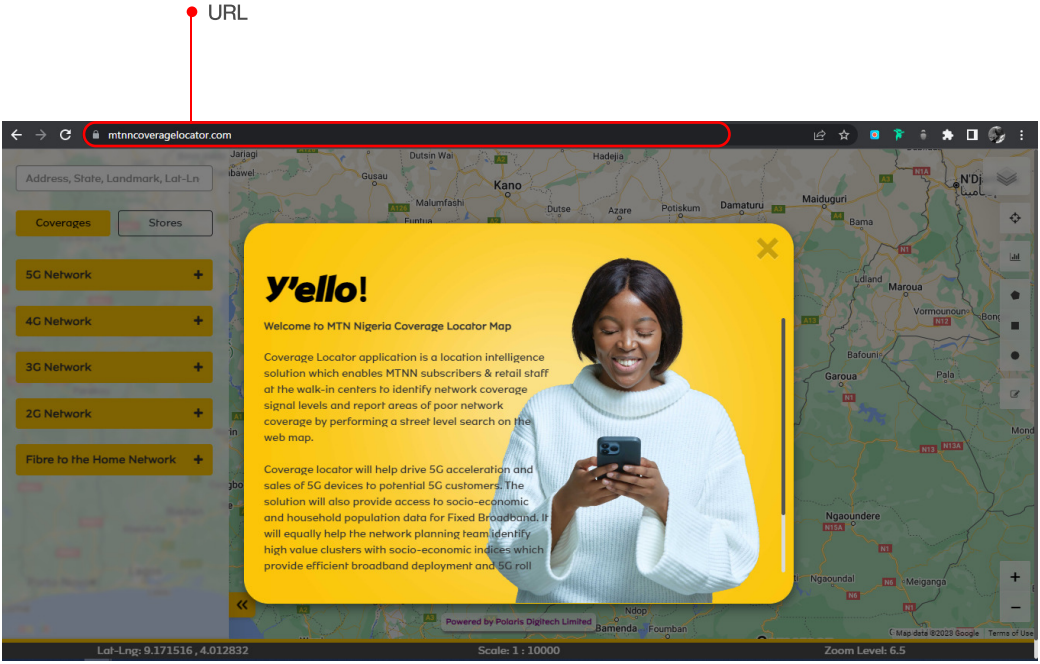
Polaris Digitech LTD

April, 2023

Overview

The Coverage Locator allows users to search for network coverages and available stores at selected locations. This search is applicable to addresses and locations, i.e., Areas, LGAs, or States in Nigeria. Users can also search using latitude and longitude. Upon loading the Coverage Locator, the map interface is displayed, and after a search is done a panel is displayed where users can toggle between all available coverages (5G, 4G, 3G, 2G or FTTH). Each of the panels shows the network signal strength level from low to excellent. The 3D MTN marker indicates the searched location. The bouncing marker on the panel indicates the strength of the coverage as indicated by the marker on the map. The Coverage Locator also allows users to access geospatial layers for data analytics.

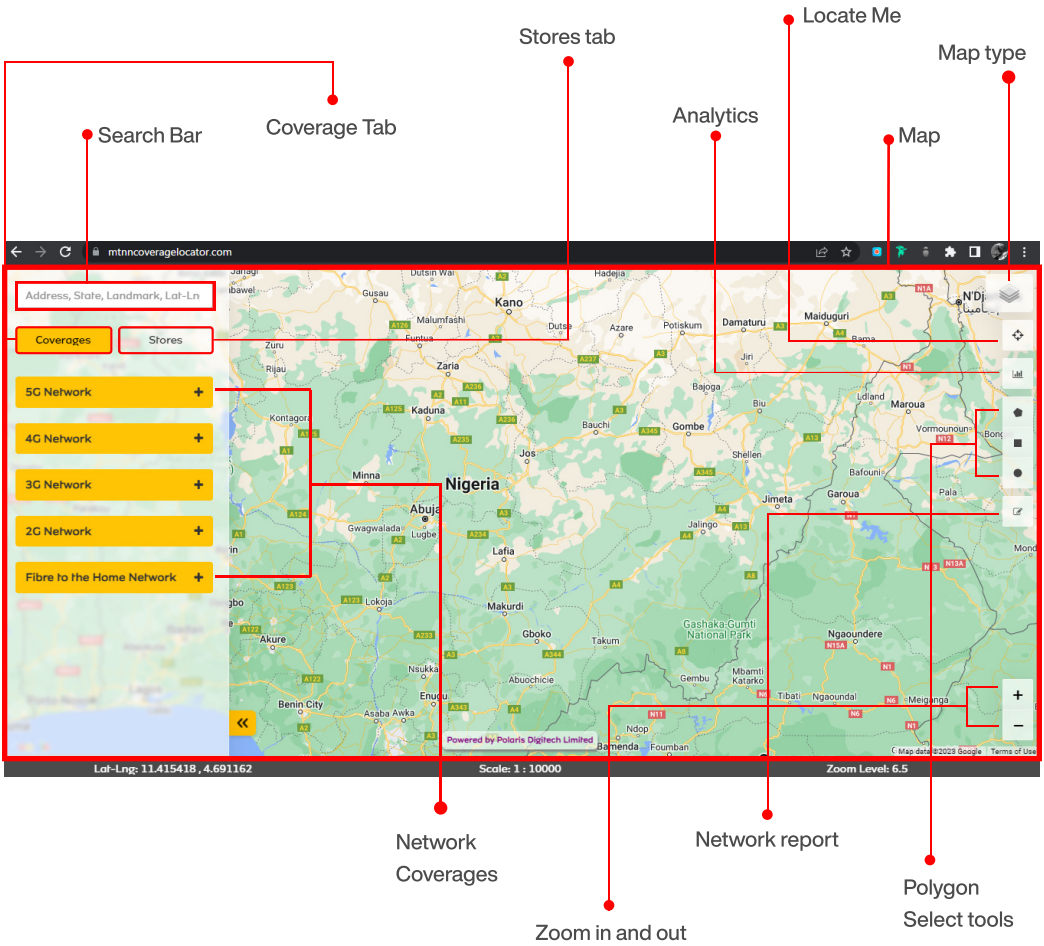
Log into the web-application



Users can access the login screen via the URL (mtnncoverageLocator.com). Afterwards you will be able to search for and access any location within Nigeria and see all the available MTNN network coverages.

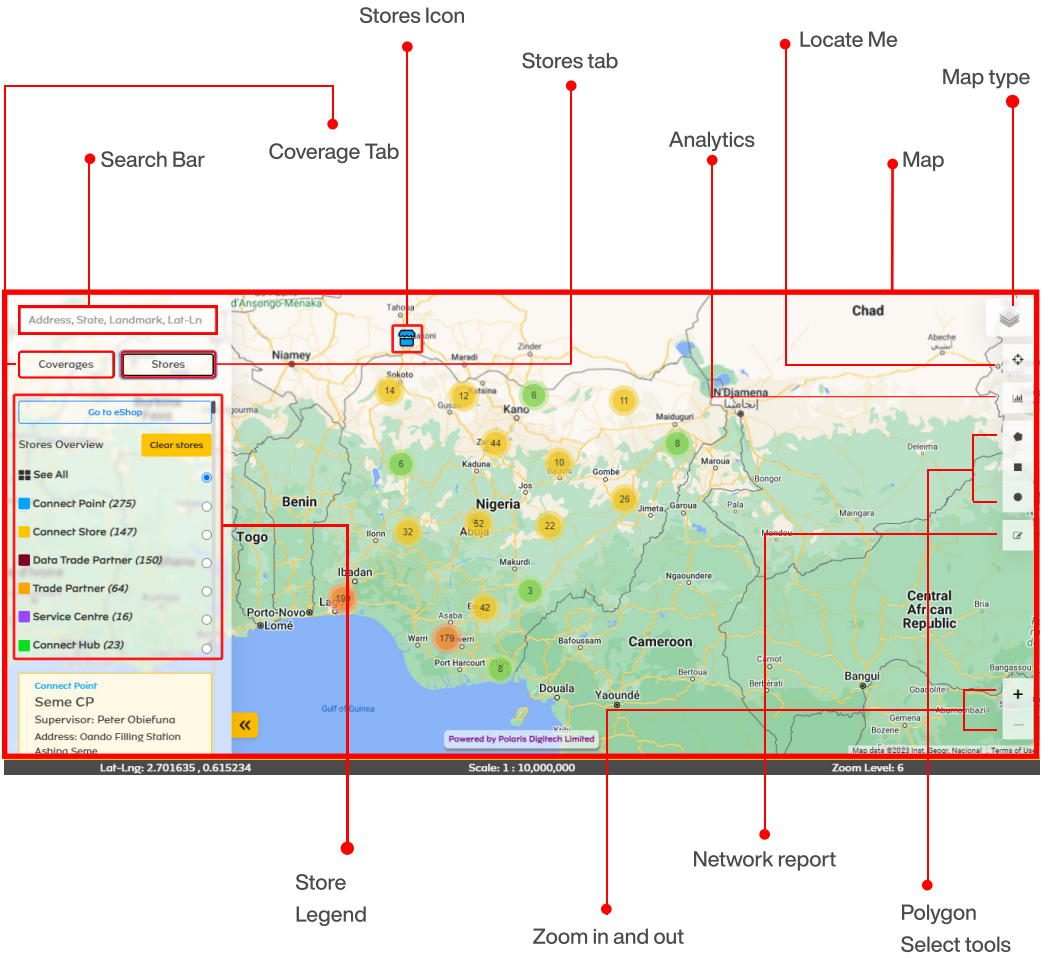
Overview (Coverage tab-view)

The web application is made up two parts; the Coverages tab-view and Stores tab-view as shown in the diagram below. In the Coverages tab-view, there is the search bar used to search for areas and addresses within Nigeria. Five different network coverage types (5G, 4G, 3G, 2G and Fibre-to-the-home Networks) may be displayed on the map as shown in the diagram below. On the right side of the screen, users have the option of icons to select map types (base maps), locate me (show me where I am), analytics (geospatial data layers), polygon select tools (query tools), a network coverage reporting tool and the zoom in and out icons.



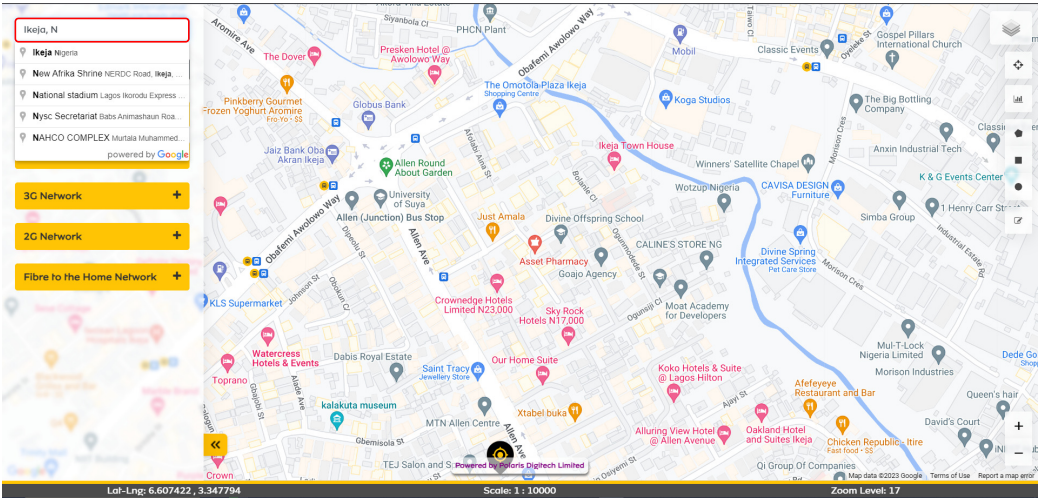
Overview (Store tab-view)

In the Stores tab-view of the web application, there is the search bar used to search for areas and addresses within Nigeria. All the MTNN stores within a selected area are displayed on the map and a legend showing the different types of stores is displayed in the table of contents as shown in the diagram below. On the right side of the screen users have the option of icons to select map types (base maps), locate me (show me where I am), analytics (geospatial data layers), polygon select tools (query tools), a network coverage reporting tool and the zoom in and out icons..



Search

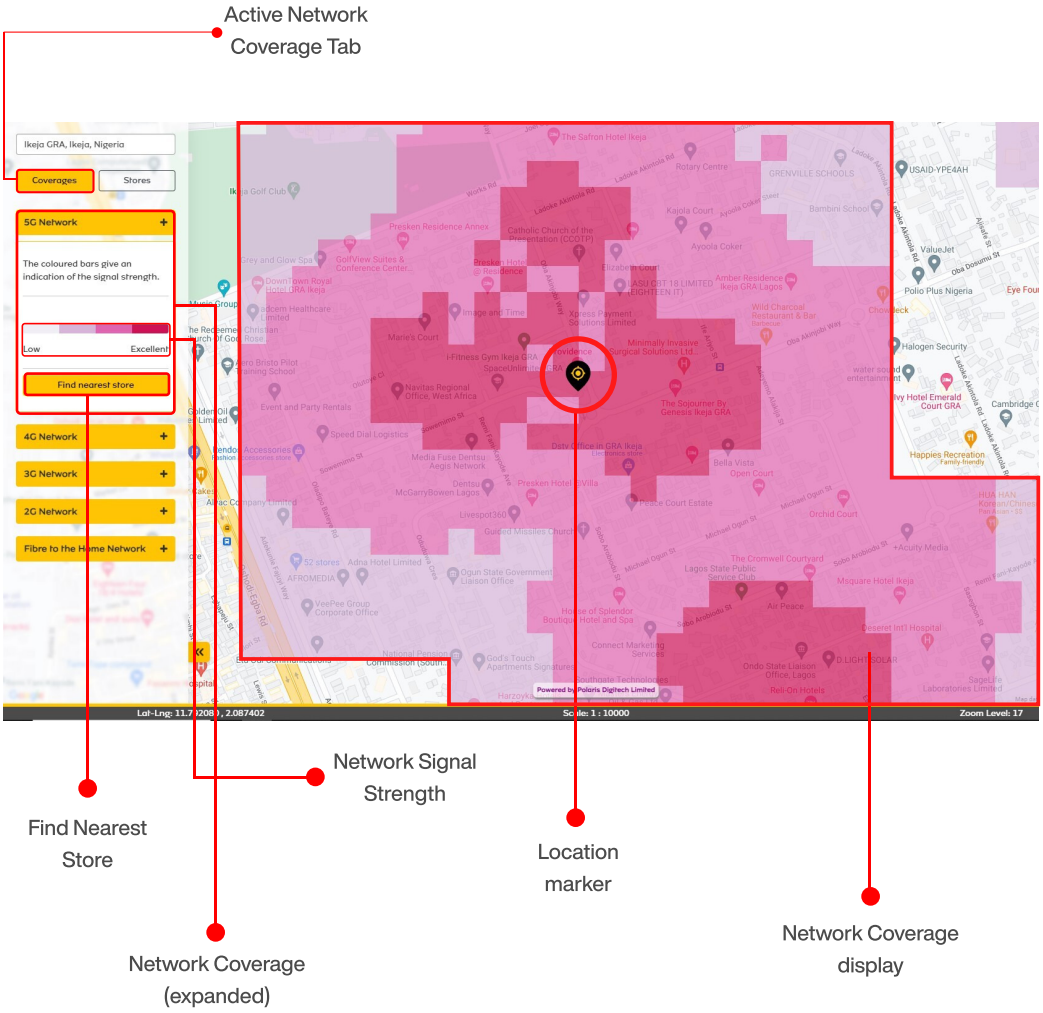
Users can check for network coverage or availability, or search for a nearby walk-in store in any area within Nigeria. You can do this by inputting the name of the area, address, state, landmark or latitude and longitude in the search bar. As shown in the diagram below



Search example

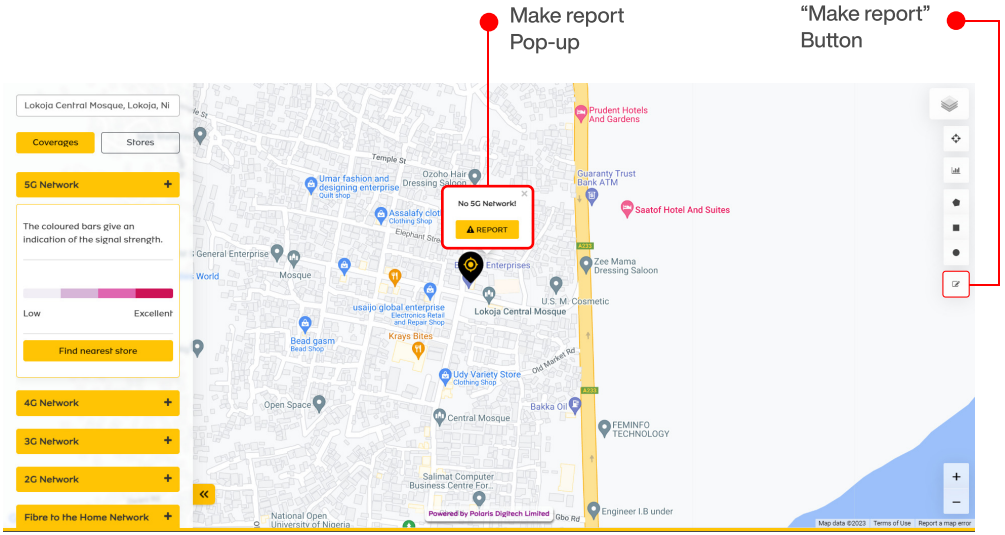
Network type

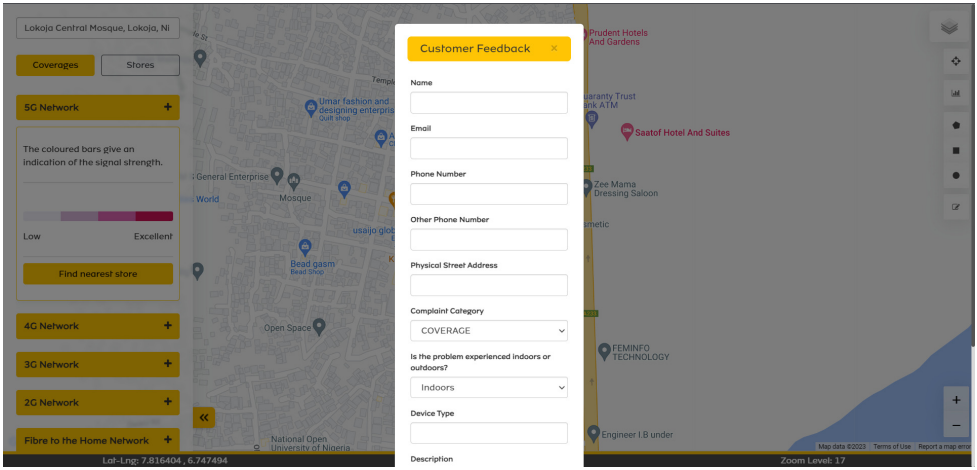
Users can review or explore the different MTN network coverages within Nigeria by simply; a.) Inputting your address, area, state, landmark or Latitude and Longitude in the search bar b.) Clicking on the “show me where I am” icon The available network type within the area will be displayed, with the network strength and the option to find the 5 (five) nearest walk-in store(s). Please see the diagram below.



Make a report

During the network coverage search if a user discovers that there is no network available in an area, a prompt will appear to make a report to MTN notifying them that there is no network present in that area. Users may also click on the “make a report” button on the right side of the screen, as shown in the diagram below.

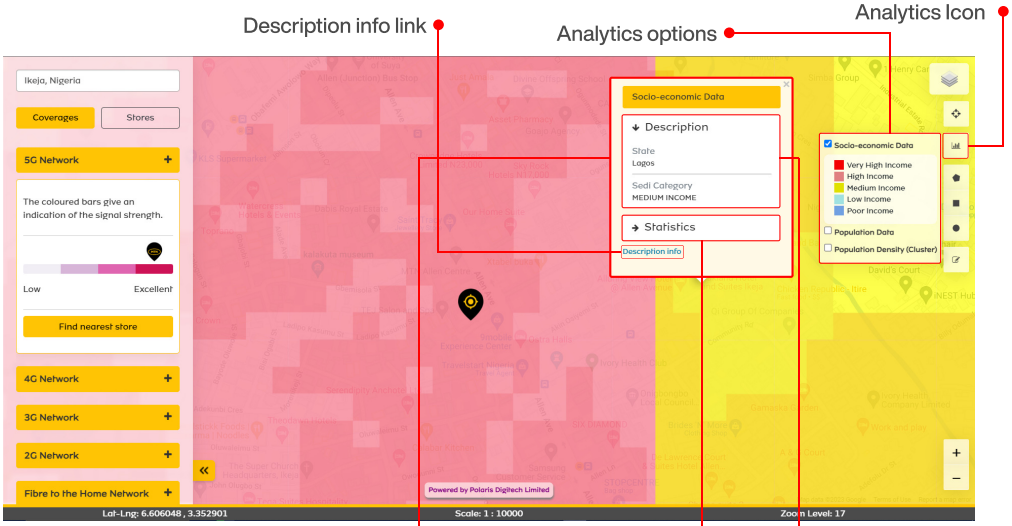




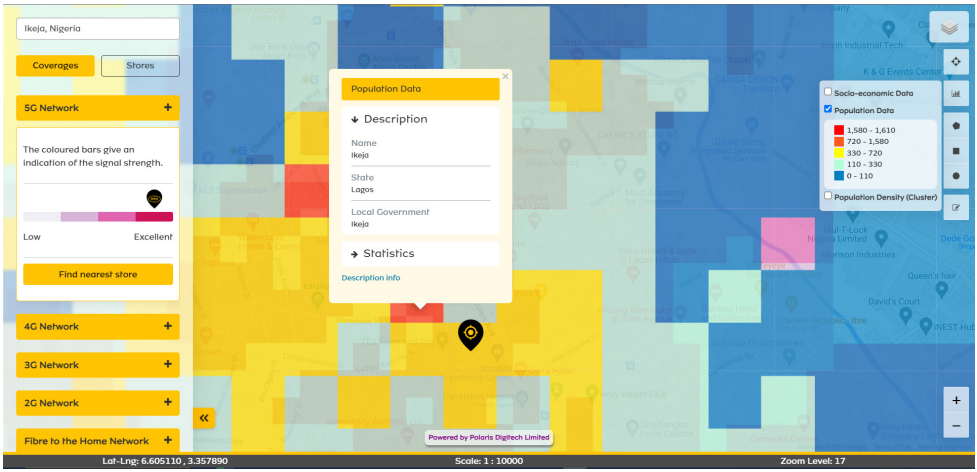
Report form

Analytics

On the right-side of the screen is the analytics icon, which is used to display the geospatial data layers, namely, the socio-economic data, population data and population density within any area, as demonstrated in the map below. Users can get further information about the data by clicking on the Description and Statistics tabs on the info pop-up. A “Description Info” link provides access to available documentation about the relevant data sets (Socio-economic and Population data).



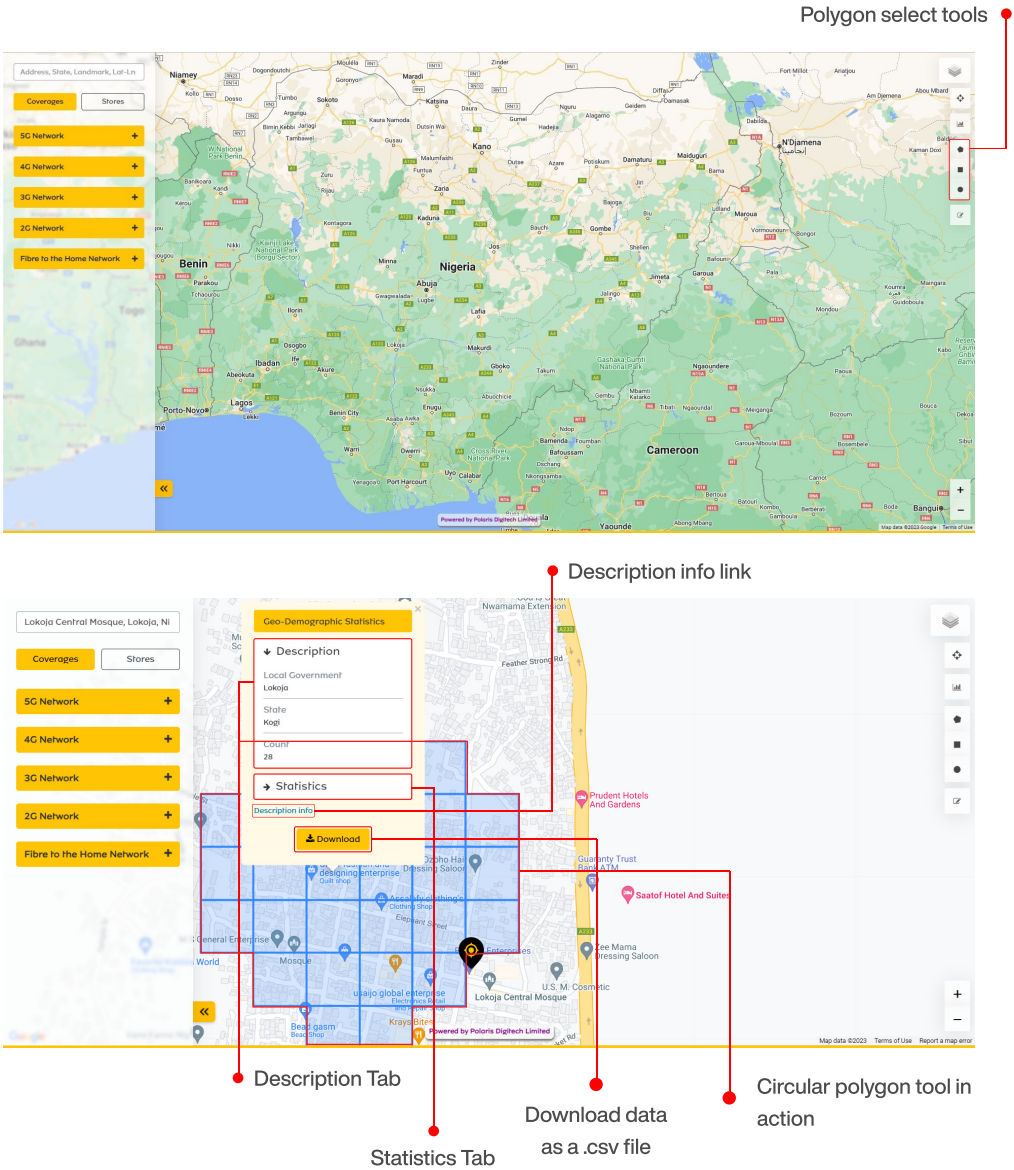
Showing the socio-economic data



Showing the population data

Polygon Select Tools

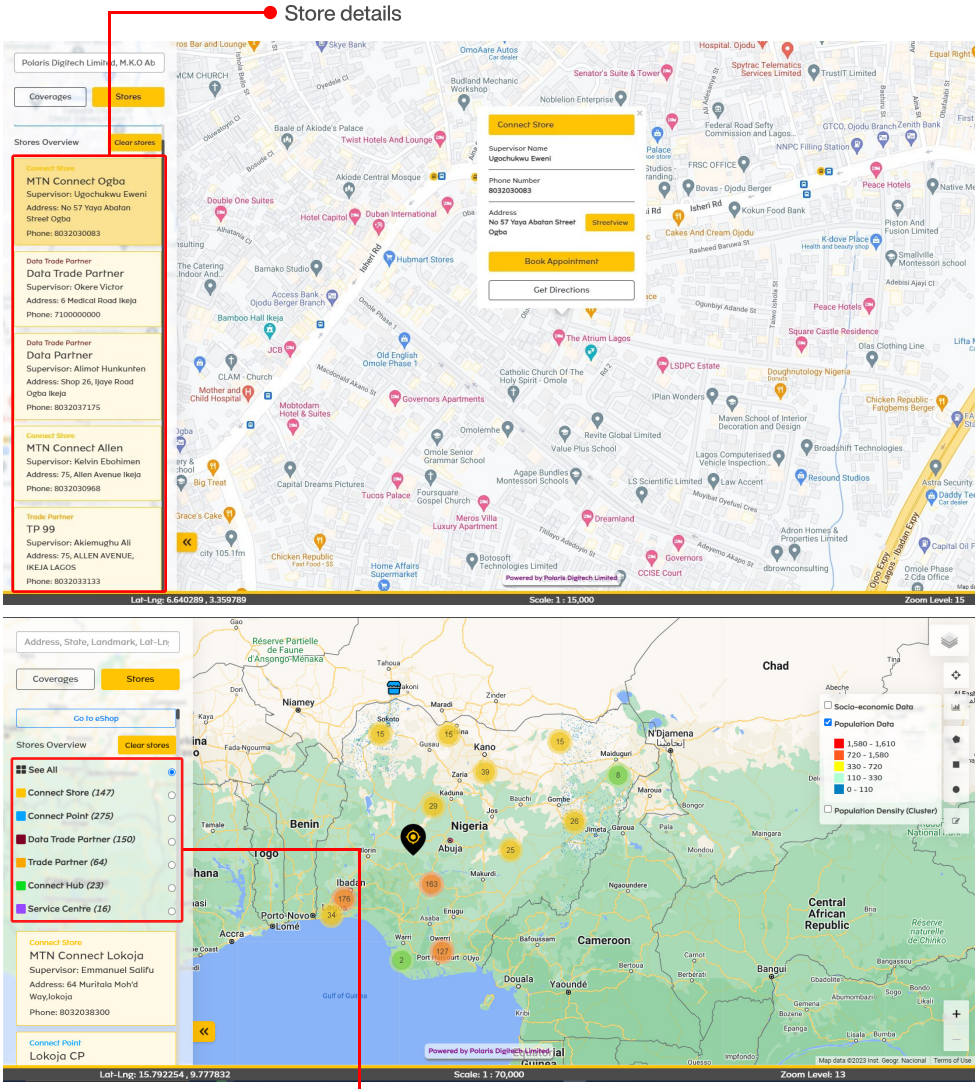
On the right-side of the screen are the polygon select tool icons, which are used to select areas within the map in order to retrieve their Geo-Demographic Statistics. The tools come in different shapes (circle, rectangle, and polygon). Users can get further information about the data by clicking on the Description and Statistics tabs on the info pop-up. The “Description Info” link provides access to the relevant documentation about the data sets. Selected data can also be downloaded as a .csv file. The diagram below shows this feature.



Walk-in stores

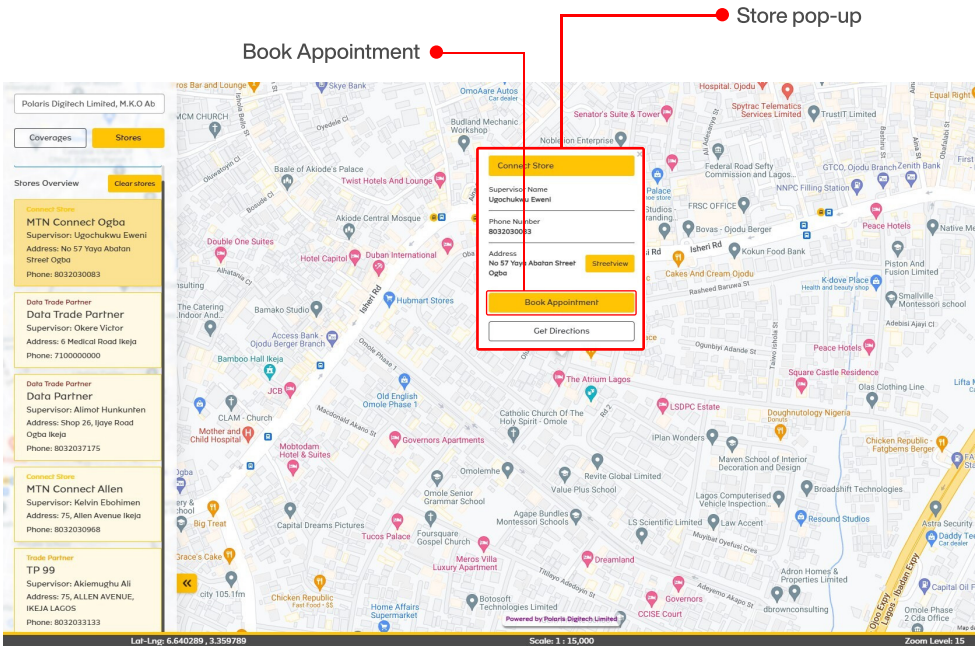
User can locate an MTN walk-in store within a specific location in Nigeria by simply; a.) Inputting your address, area, state, Landmark or Latitude and Longitude in the search bar b.) Clicking on the “show me where I am” icon and identifying the nearest store.

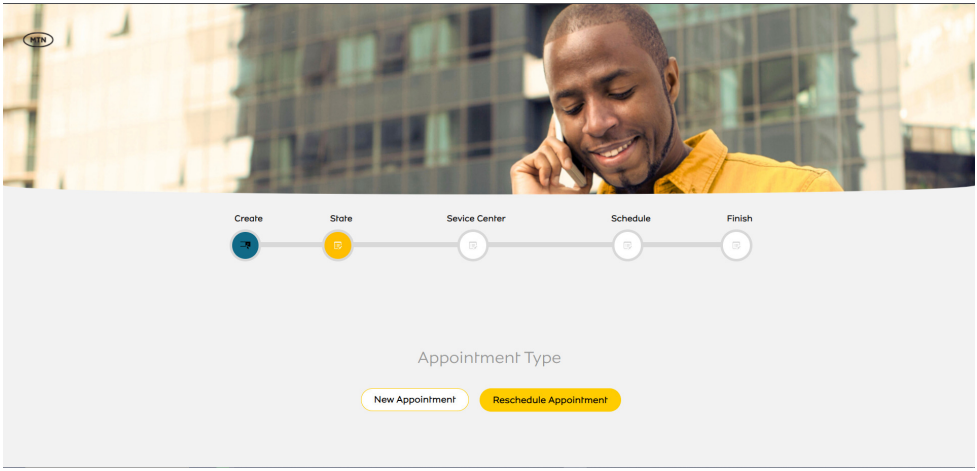
The walk-in stores are visible on the map after performing a search of any area, with a legend on the left side of screen showing the different types of the stores and their total number. Furthermore, details of the individual stores are displayed on the left side of the screen, making it easier for the user to navigate to the stores. Users can also filter by type of store.



Book appointment

When a user clicks on the store icon on the map the store pop-up will be displayed on the screen and provide access to the “Book Appointment” button. The MTNN Scheduler will open up in a new tab.



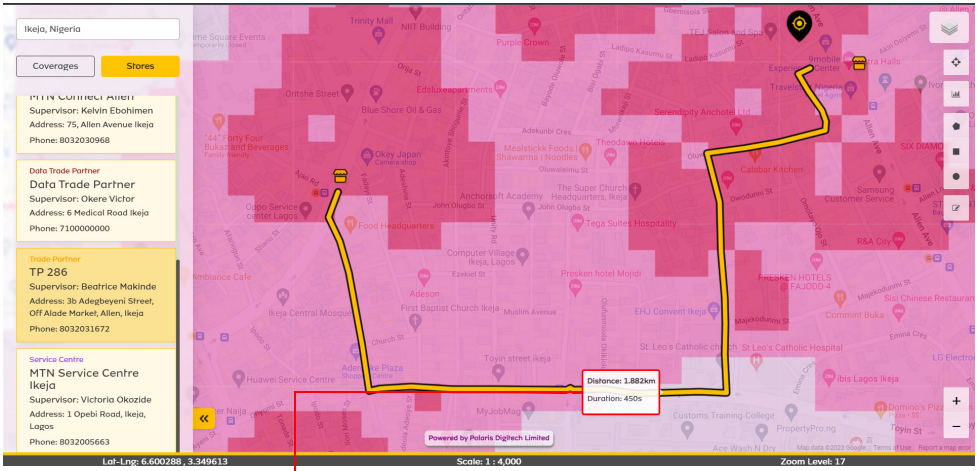


MTNN Scheduler opened in a new tab

Get Direction

When a user clicks on the store icon on the map the store pop-up will be displayed on the screen for access to the “Get Directions” button. The user will be given directions from the store to the selected location. Distance and duration can be determined by clicking on the “Directions” line/route.





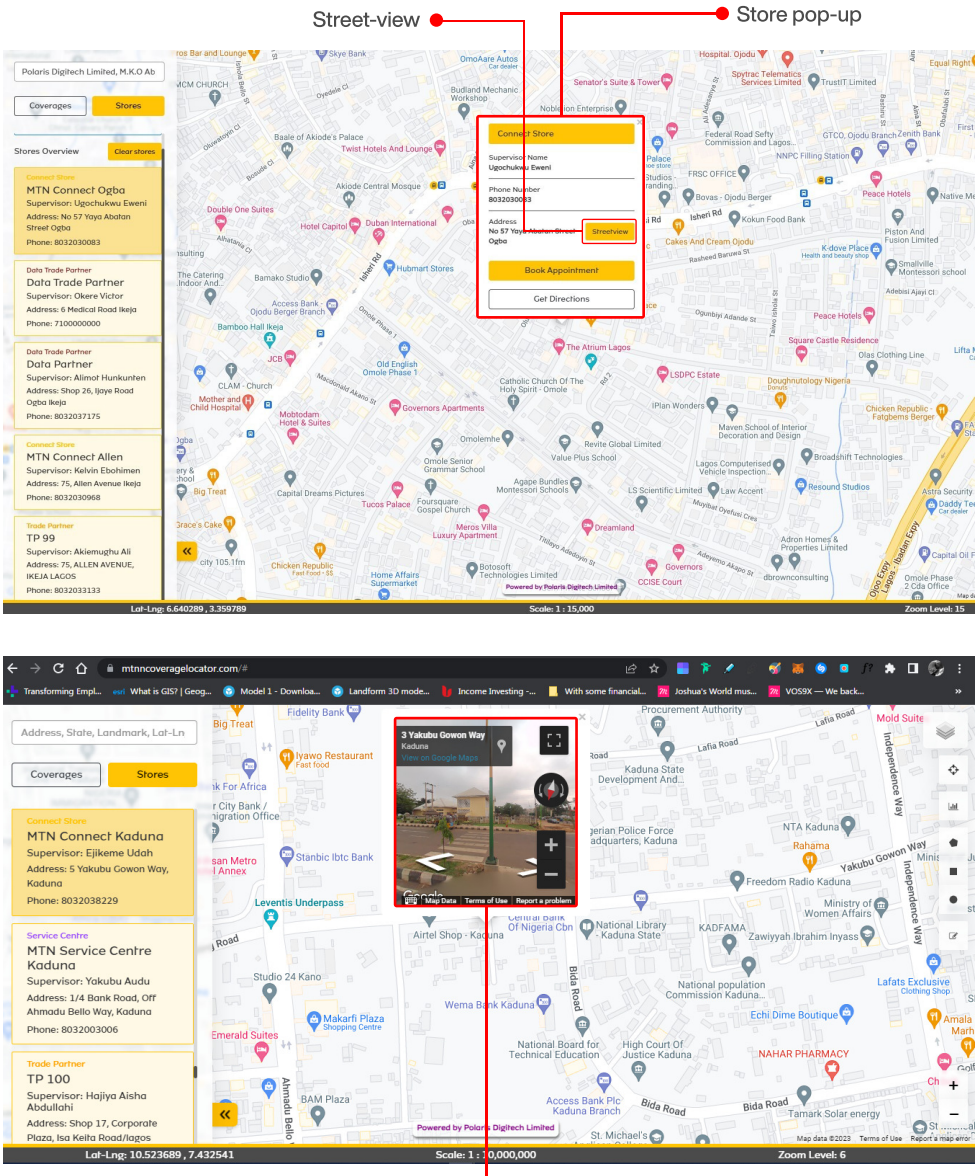
Distance and duration pop-up

Get direction screen

Street view

When a user clicks on the store icon on the map the store pop-up will be displayed on the screen and provide access to the “Street View” button. The window shows Street View for the selected location. The window can be expanded to full screen mode for better visualisation.

Users can also access Street View by clicking on the 3D marker after a search has been completed.



The End

Designed and Developed by

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