

FiberLocator

A CCMI BUSINESS

FiberLocator Release Notes
October 18, 2024

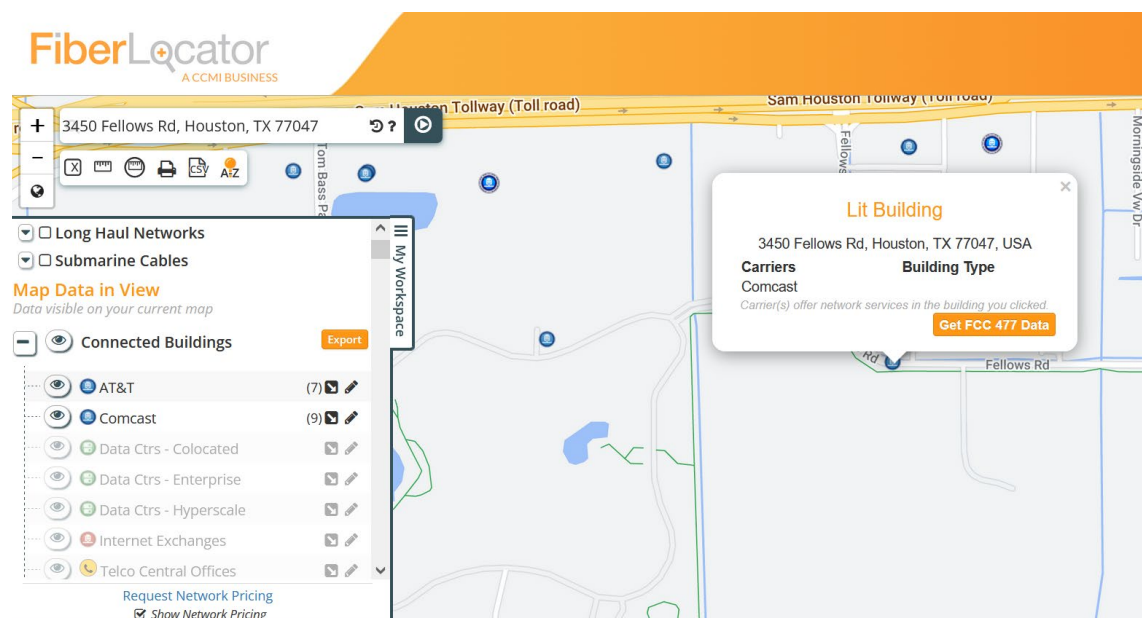
Distance Report Enhancement

1 Include Lit Building Layers in 5 Nearest Networks

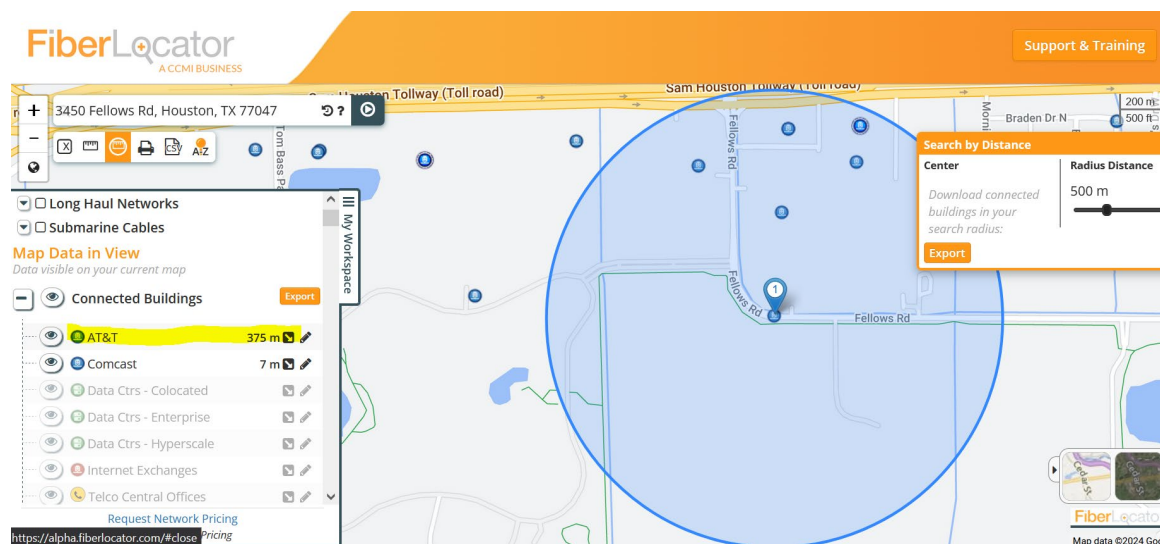
The Distance Report is a feature that allows users to upload a list of up to 200 addresses or lat/lon locations and get back a list of the five nearest networks and their distance from the location. In addition, users can get a list of on-net providers.

There are some significant carriers who do not provide FiberLocator with their fiber maps and instead provide only their on-net buildings list. These include AT&T, Verizon Business and Comcast. While seeing on-net providers is very useful, there may be a carrier nearby that is not-on-net and does not provide us with their fiber maps. Prior to this enhancement, these carriers would not be included in the five closest networks despite being closer to other carriers who have provided fiber maps.

Below is an example of a location in Houston, Texas lit by Comcast.



We can also see that there are AT&T lit buildings close by within 500 meters.



New Distance Report

The new Distance Report includes Comcast as an on-net provider as well as listing it as the first of the five nearest networks with a distance of zero (since it is on-net) along with AT&T as the second nearest network with a distance of 368 meters. (I'm using meters here but these values will be in feet if that is your default setting).

address	3450 Fellows Rd, Houston, TX 77047
lit buildings	Comcast
provider 1	Comcast
distance 1	
provider 2	AT&T
distance 2	368
provider 3	PS LIGHTWAVE
distance 3	1335
provider 4	Phonoscope Fiber
distance 4	1335
provider 5	PS Lightwave
distance 5	1358

Old Distance Report

With the old Distance Report, AT&T is not included.

address	3450 Fellows Rd, Houston, TX 77047
lit buildings	Comcast
provider 1	Phonoscope Fiber
distance 1	1335
provider 2	PS LIGHTWAVE
distance 2	1335
provider 3	LOGIX Fiber Networks
distance 3	1457
provider 4	Crown Castle
distance 4	1700
provider 5	ICTX WaveMedia
distance 5	2789

Take Aways

- ❖ Include ALL carriers in the 5 nearest networks including Metro, Long Haul and now Lit Buildings.
- ❖ The lit buildings layer is included automatically – no changes needed when generating the Distance Report.
- ❖ Carriers providing both fiber maps and lit building lists will not be double counted – only their fiber layers will be included.
- ❖ Carriers that do not provide fiber maps are the ones most affected here since they have been excluded from the Distance Report in the past unless they were on-net at the location.
- ❖ You can still include only Metro, only Long Haul or both as fiber options. Lit buildings will always be included for those carriers that do not provide fiber maps.
- ❖ Major carriers in this category include: AT&T, Comcast, Verizon Business.



Never miss a potential network provider for an address even if they do not provide fiber maps to FiberLocator.