A 10-minute tour of Demo City Fiber

Everything in this demo is fictional: a sample city network drawn over a real street grid. Follow the steps below on screen, or read them here. Every feature shown works in the demo today.

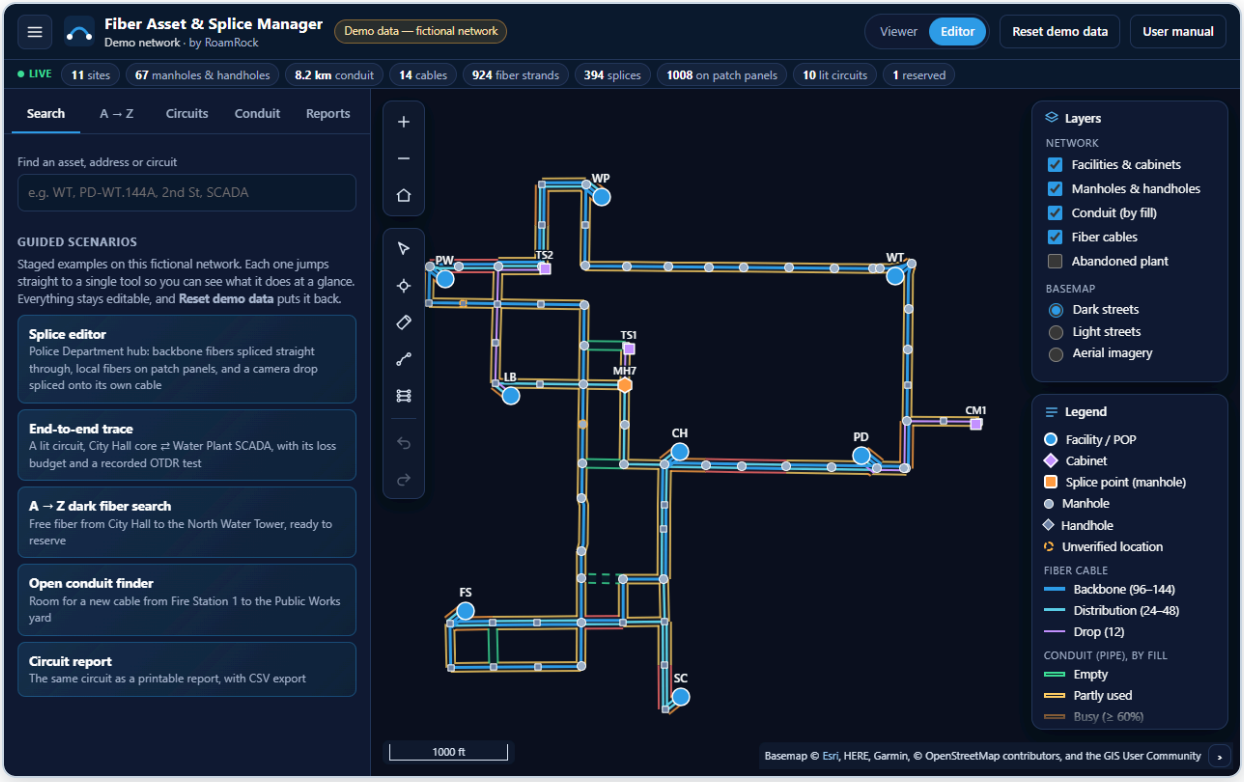
11
sites and POPs

8.2 km
conduit, 67 manholes and handholes

924
fiber strands in 14 cables

394
splices, 10 lit circuits

1 The network at a glance



Live network totals across the top, the sidebar on the left (search, A → Z, circuits, conduit, reports), the map on the right with its edit toolbar under the zoom buttons. Conduit is colored by how full it is, and cables by type.

2 Find anything

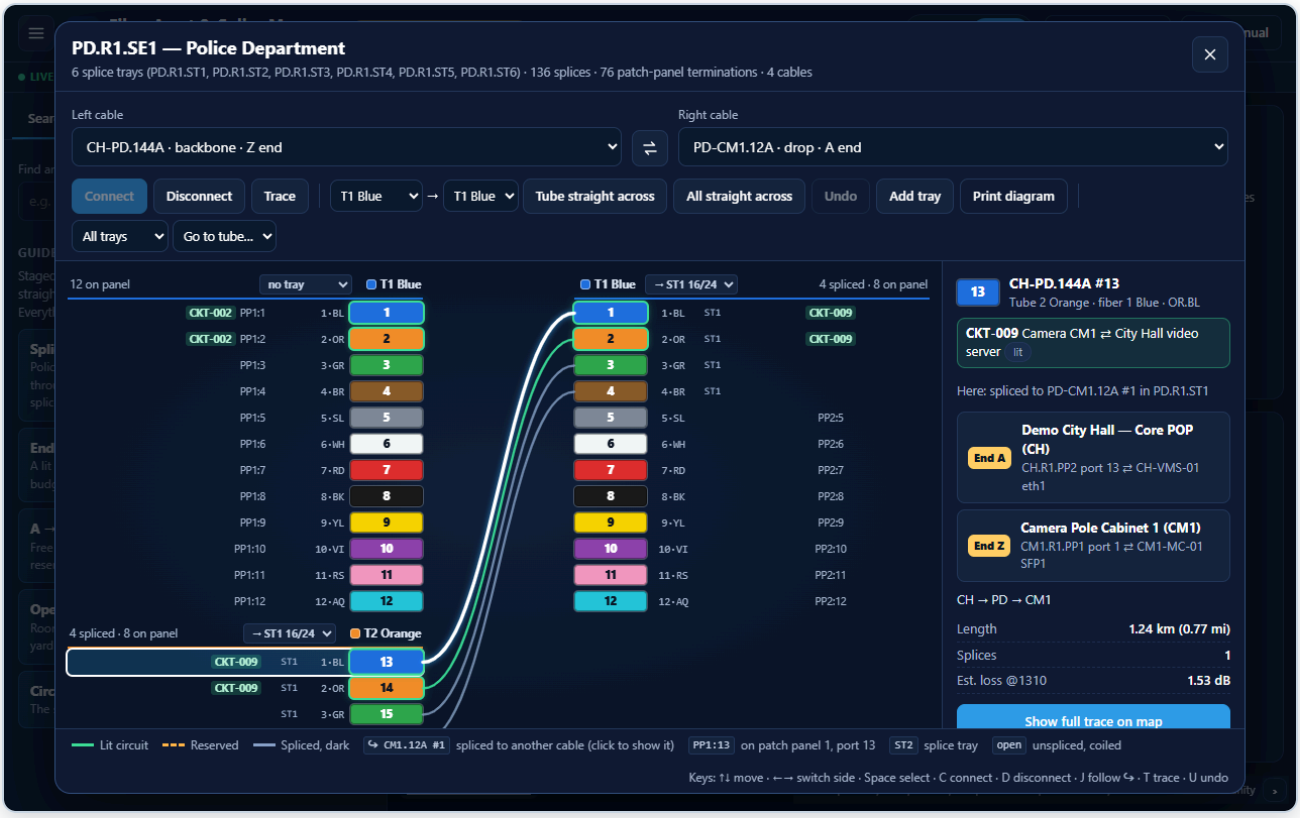
Type an asset ID, a street, an address or a circuit name into **Search**, for example *SCADA* or *2nd St*. Pick a result to fly to it on the map.

A location card shows **which circuits serve that site** and how many fibers are free on each cable there: the "what do we have at this building?" question, answered in seconds.

HOW TO OPEN THE DEMO

- Go to **roamrock.com/demos** and choose **Open the demo**. It runs in any modern browser.
- Use **Editor** mode (top right) to try changes, and **Viewer** to see the read-only experience.
- **Reset demo data** puts everything back; the **user manual** is in the header.
- The **Guided scenarios** in the sidebar are staged examples that jump straight to each tool.

3 Splice at the Police Department

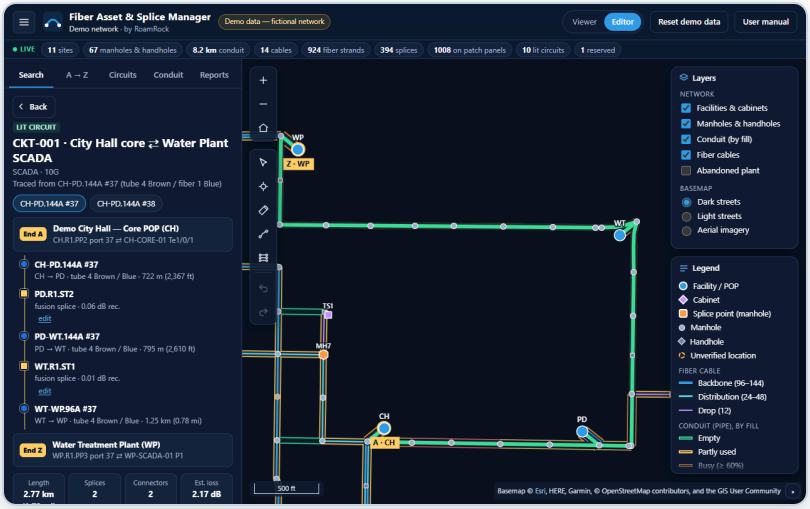


1. Choose the **Splice editor** scenario. Pick a cable for each side at the top.
2. **Drag** a fiber onto one across: it glows green if allowed, red if not. Or click one on each side and **Connect**.
3. Splice a whole **tube straight across**, or **all straight across**. Each tube is routed to a **splice tray**; add trays as needed.
4. **Undo** anything. Disconnecting a lit circuit asks first.

Fibers and tubes use the TIA-598 color standard. Green lines are lit circuits, dashed amber are reserved, gray are spliced but dark. It works with the keyboard alone, and on a phone in the field.

Field ready The same screen fits a phone, so a tech can update a tray on site.

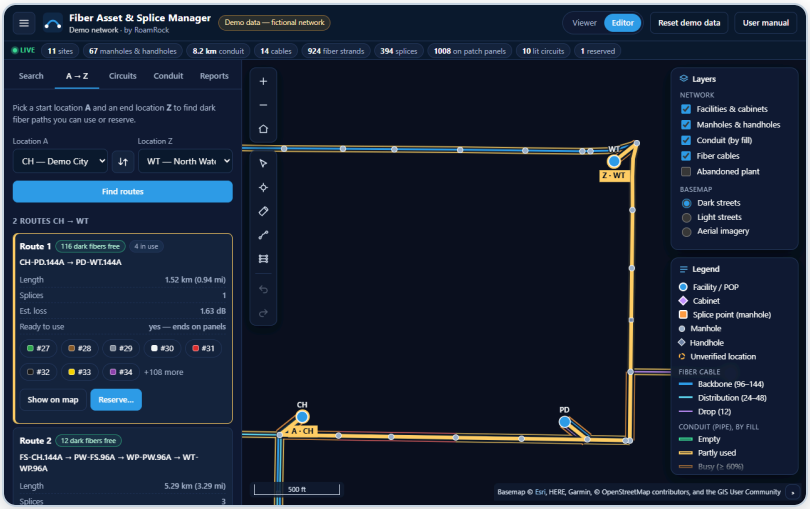
4 Trace a circuit end to end



Pick any fiber and choose **Trace**, or open **City Hall core ⇄ Water Plant SCADA** from Circuits.

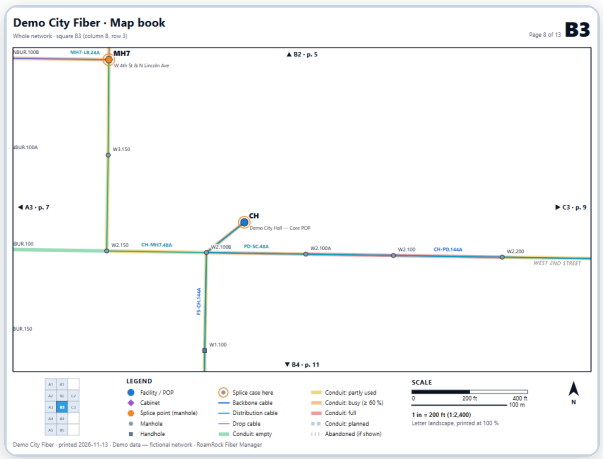
- **End A and End Z** down to the device port.
- Every hop (cable, splice, cable) listed and highlighted on the map.
- **Length and estimated loss**, with the assumptions shown.
- Enter the **measured OTDR** value. It flags a big difference from the estimate.

5 Find dark fiber from A to Z, and reserve it



On **A → Z**, choose City Hall and the North Water Tower and press **Find routes**.

Each route shows the free dark fibers, length, splices and estimated loss, and whether it ends ready to use. **Reserve** fibers for a future circuit. Reserved fibers show in amber everywhere.

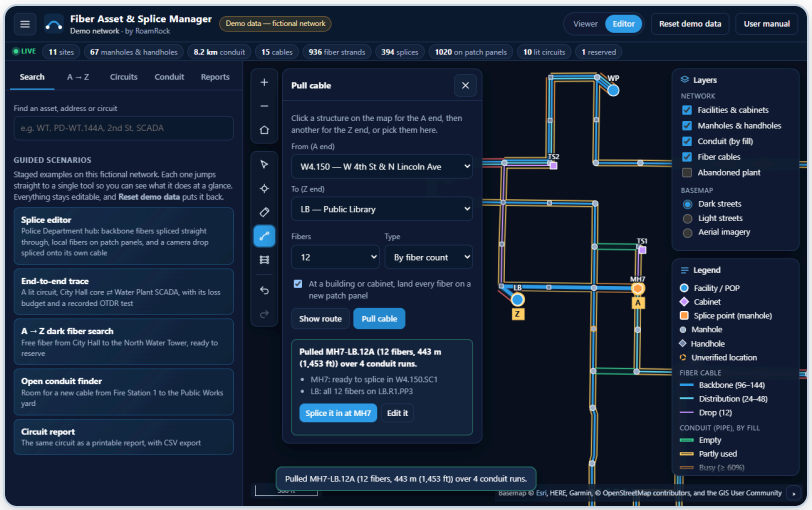


A map book sheet, ready to print for the crew (step 6).

6 Build the network, then print it for the crew

Build with the **edit toolbar** on the map (Editor mode): place a cabinet, draw conduit to it along the street, and pull a cable through the free ducts. Its fibers land on a new patch panel, and where it meets other cable ends a splice case is ready: one click opens the splice editor there. A cable passing through a manhole can get a **mid-cable splice point**.

Print for the crew: a **splice diagram** of any case (every tray, fiber colors, in and out) and a **map book** of the area (an index grid, then one page per square, with a legend and scale). Circuit and splice-tray reports print or save as PDF; every list exports to CSV and GeoJSON.



YOUR DATA, NOT OURS

A clear data model with ready-made import templates. We load your spreadsheets, shapefiles or geodatabase, clean them automatically (hidden characters, swapped coordinates, duplicates) and give you a **coverage report**: what's documented, and what needs a field check. Every record carries a verified or unverified status, so the system is useful on day one and gets better as your techs work.

NEXT STEPS

1. **Live demo** with your team (30 minutes).
2. **Data review**: send a sample, get a coverage report back.
3. **Pilot**: installed on your server as a drop-in folder, signing in with your existing accounts. Read-only first, editing next.
4. **Field verification** and training.

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Demo data is fictional. Basemap © Esri, HERE, Garmin, © OpenStreetMap contributors.