

Data plans for your needs

Whether it be paying with mobile wallets or giving the live location of a bus, transit is using more technology to improve the rider experience.

Cellular data is the power behind this new technology. Types of devices may include:

Router
CAD/AVL
Camera feeds
Passenger WiFi

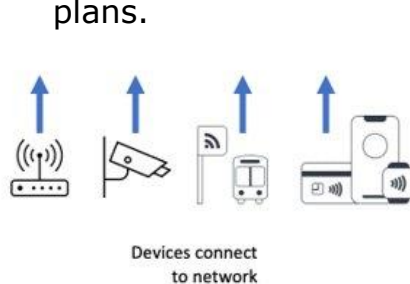
GTFS devices
Fare payment
validators
... and more!

As transit continues to modernize, more devices can be expected to leverage cellular data and connectivity.

Your technology can be connected through multiple SIMs (one per device) or a single SIM (one in a router).

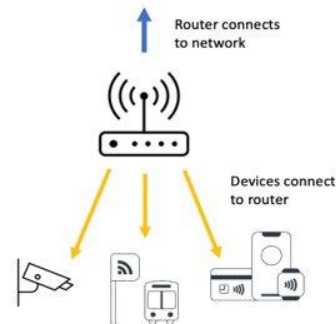
Multiple SIMs

Each device could be powered by a SIM that connects to the network. These SIMs would have smaller data plans.



Single SIM

A single router could provide connectivity to multiple devices. The router's SIM would need a larger data plan.



Choosing your data plan

1

Size: Choosing the right amount of data

How much data you use depends on how many devices are on each vehicle. Typical usage for GTFS software and two fare payment validators is 3 GB/month.

1 GB	<ul style="list-style-type: none">• GTFS-RT
3 GB	<ul style="list-style-type: none">• GTFS-RT• 2 fare payment validators
Unlimited	<ul style="list-style-type: none">• GTFS-RT• 2 fare payment validators• Cameras• CAD/AVL



2

Coverage: Choosing the right carrier

Carriers provide different coverage depending on location. It is important to evaluate which best covers your service area. You can use [FCC data](#) to evaluate Verizon, T-Mobile, and AT&T coverage. You can review FirstNet coverage on their [website](#).



Data plan pricing

All four major carriers offer data-only plans that agencies can leverage. You can access data plans in the commercial marketplace or at discounted rates on [CalNet](#) or on [NASPO](#). Interested in tapping these rates? Email hello@calitp.org to get started today! Our team is happy to answer questions and guide you through the process.

Carrier	FirstNet (NASPO)			AT&T (CalNet + NASPO)	T-Mobile (CalNet + NASPO)	Verizon (CalNet + NASPO)
	<3,000 SIMs	3k-9,999 SIMs	>9,999 SIMs	-	-	-
Tiers (if applicable)						
1 GB	\$ 10.00	\$ 7.50	\$ 4.99	\$ 20.00	\$ 8.00	\$ 15.00
2 GB	N/A	N/A	N/A	\$ 23.00	\$ 10.00	\$ 20.00
3 GB	\$ 25.00	\$ 20.00	\$ 14.99	\$ 30.00	N/A	N/A
5 GB	N/A	N/A	N/A	\$ 28.00	\$ 21.21	\$ 25.00
Unlimited	\$ 34.00	\$ 34.00	\$ 29.99	\$ 50.00	N/A	\$ 34.99

**Note: Prices shown are the lowest available between CalNet and NASPO for that size plan*



In California, transit providers can access the FirstNet plan for their fleets. Caltrans, through Cal-ITP, will be **subsidizing agencies to the lowest-tier price** through FY2023 and potentially into the future. Reach out to hello@calitp.org to learn more.