APSI
Networks Transformed

ATP is the better way to connect to the Internet

Stop waiting for things to load.
Modern internet transport-technology that gets the data you need to you — faster

Slow internet sucks.

It's true. No one likes slow internet. No one likes it when their Instagram stories aren't loading. Or when their mom keeps breaking up over a Zoom call. Or when it takes ages to finally have Google tell you "what's the average lifespan of a river otter?"

There's a ton of reasons your connection may be slow - specifically, network disruptions caused by:

- Crowding when everyone connects to the wifi at a big game or concert
- Traffic when everyone uses mobile data on their morning commutes
- Thick walls in an apartment or school separating you and the router
- Your neighbor's network interfering with your home network

These disruptions cause your data to get lost, making your internet and device *very slow*.

You can't help if your provider gives you slow speeds (you can take that up with them).

But when your internet connection is compromised and can't properly get your device the data it needs, **connections can get even worse** and cause:

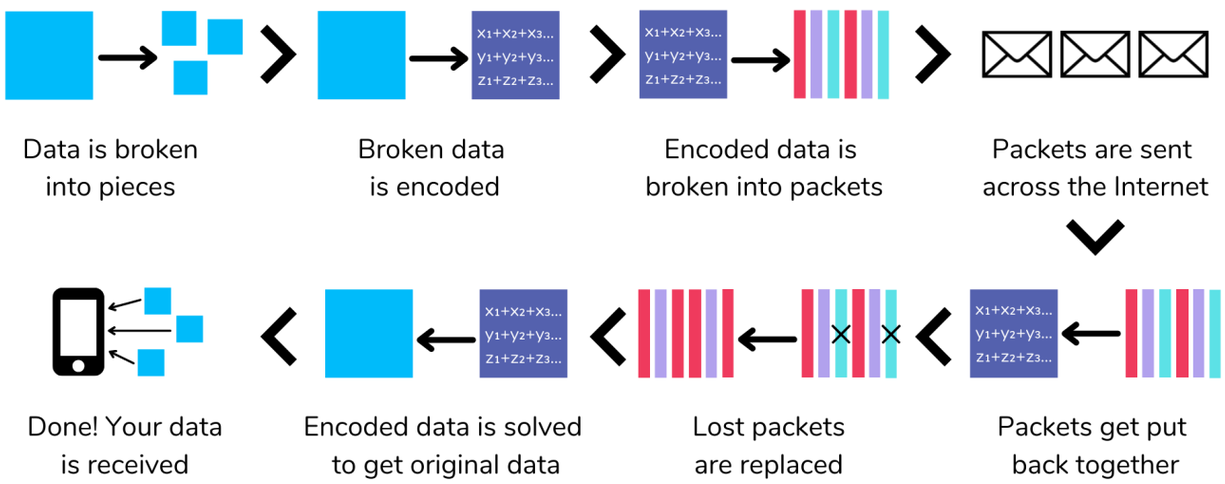
Hang	Infinite Buffering	'Dead' Connections
Apps 'crashing' and not loading onto your device due to not being able to connect to its servers	Inability to stream a live game, movie, or video call and experiencing the 'spinning wheel of doom'	Connections becoming so weak and compromised that it looks like you don't have internet at all

ATP can help fix it.

ATP, aka, the **A**PSI **T**ransport **P**rotocol, creates reliable connections by **rebuilding lost data**.

ATP works by specially encoding the data from the sender. Data is broken down into smaller pieces and packets, and are then sent across the Internet.

How ATP Works



Once the packets are received, the receiver puts the packets back together like building blocks. The receiver then solves the build like a puzzle based on how they were encoded and recovers the original data.

Because of how data is encoded with fancy algebra, ATP can replace missing packets with other packets *and still recover the original data for you*. This means **ATP is resistant to data loss and error**.

Rebuilding is faster than sending data over and over and over again

Transport protocols like TCP work great. Most connections use TCP, like what your phone is probably using right now. There's no difference in performance between TCP and ATP when nothing is stopping the data from reaching your device and back.

However, as network conditions worsen, **ATP gets data to your device faster.**

TCP suffers as it tries to get data across a network that's already experiencing big data loss.

ATP is resilient. Because data is only sent once, the necessary information is received faster. It's okay if data gets lost. Missing data can be replaced instead of needing to be sent again.

The original data gets rebuilt right at your device, and lets you enjoy the glory of the Internet.

ATP gets you the internet access you deserve

So go ahead. Upload that Instagram story while you're at that concert. Mindlessly scroll through Twitter on your morning commute. Facetime your mom from a box.

Download the ATP Turbo app for free to boost your connection or visit https://apsiwifi.com/