DEPARTMENT OF
HAWAIIAN HOME LANDS

# Broadband 101

Broadband is high-speed internet. It connects you to work, school, healthcare and ‘ohana.

## Internet Speed

- Measured in Mbps or Gigs (1 Gig = 1,000 Mbps).
- Higher numbers = faster internet.
- Test your current speed here.

## Types of Connections

### Fiber Optic

- Fast and reliable (500 Mbps-3 Gigs).
- Takes time to connect communities.
- Wires transmit the data.

### Satellite

- Quick setup, even in remote areas.
- Slower speeds (25-225 Mbps); weather may affect reliability.
- Satellite dishes transmit data.

## Infrastructure Terms

The internet works like a road system:

- **Undersea cables** link islands, like bridges.
- The **middle mile** connects communities, like highways.
- The **last mile** connects homes, like driveways.
- A **backhaul** connects local networks (including cell phone towers), like a private road.