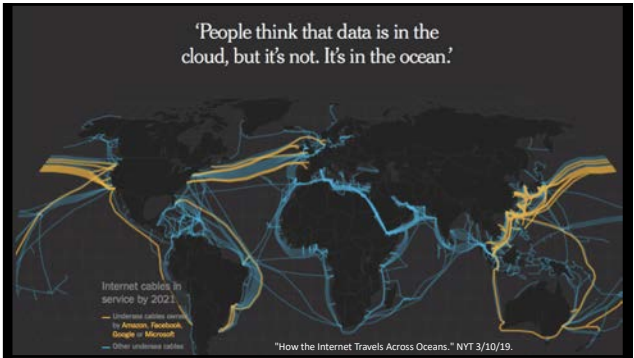


PSCI 2500 INTERNATIONAL RELATIONS
Jim Butterfield Manuel Soque
March 13, 2019
jimbutterfield.org/2500.html

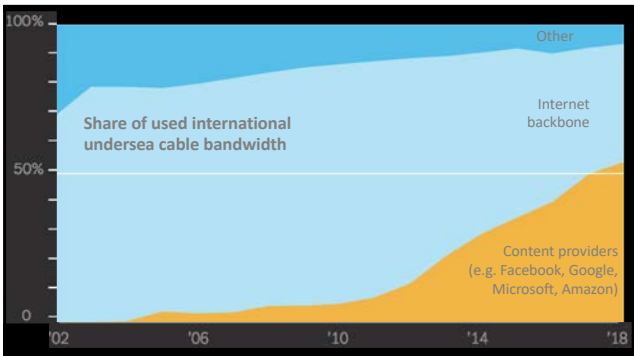
A world map with a light blue background and white landmasses. A network of thin, light blue lines connects various points across the globe, representing international relations or data flow.

'People think that data is in the cloud, but it's not. It's in the ocean.'



Internet cables in service by 2021:
— Undersea cables owned by America, Facebook, Google or Microsoft
— Other undersea cables

"How the Internet Travels Across Oceans." NYT 3/10/19.

A world map with a dark background, showing a complex network of glowing blue and yellow lines representing internet cables. The lines are most dense in the North Atlantic and Indian Ocean regions.

The first transoceanic cable message was sent in 1858 from UK to US. The dispatch took 16 hours to get from Queen Victoria to President Buchanan.

Today a message from the US to Australia takes less time than reading this word.



Cross section of undersea internet cable

A photograph showing a person's hands holding a circular cross-section of an undersea internet cable. The cable is thick and contains several smaller circular components, likely fiber optic cables, arranged in a ring.