



1. Internet is Fragile

Internet outages persist after Helene: Spectrum details restoration progress, obstacles

Inf. Boston
Asheville Citizen Times
Published 11:01 a.m. ET Oct. 10, 2024 | Updated 12:44 p.m. ET Oct. 12, 2024

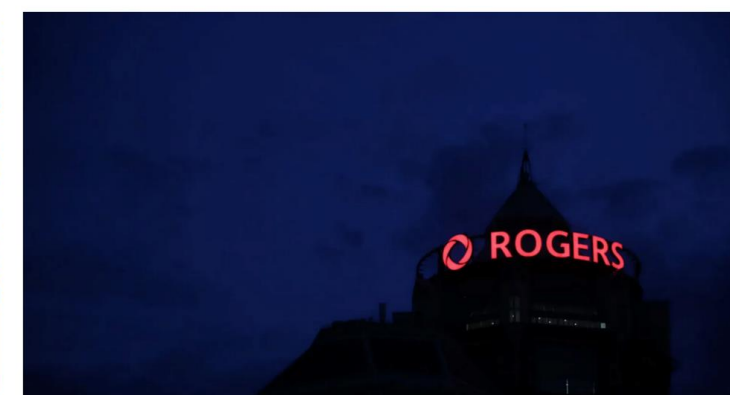


TIME
The Battle for Control Over Ukraine's Internet



Rogers outage: Why a network upgrade pushed millions in Canada offline

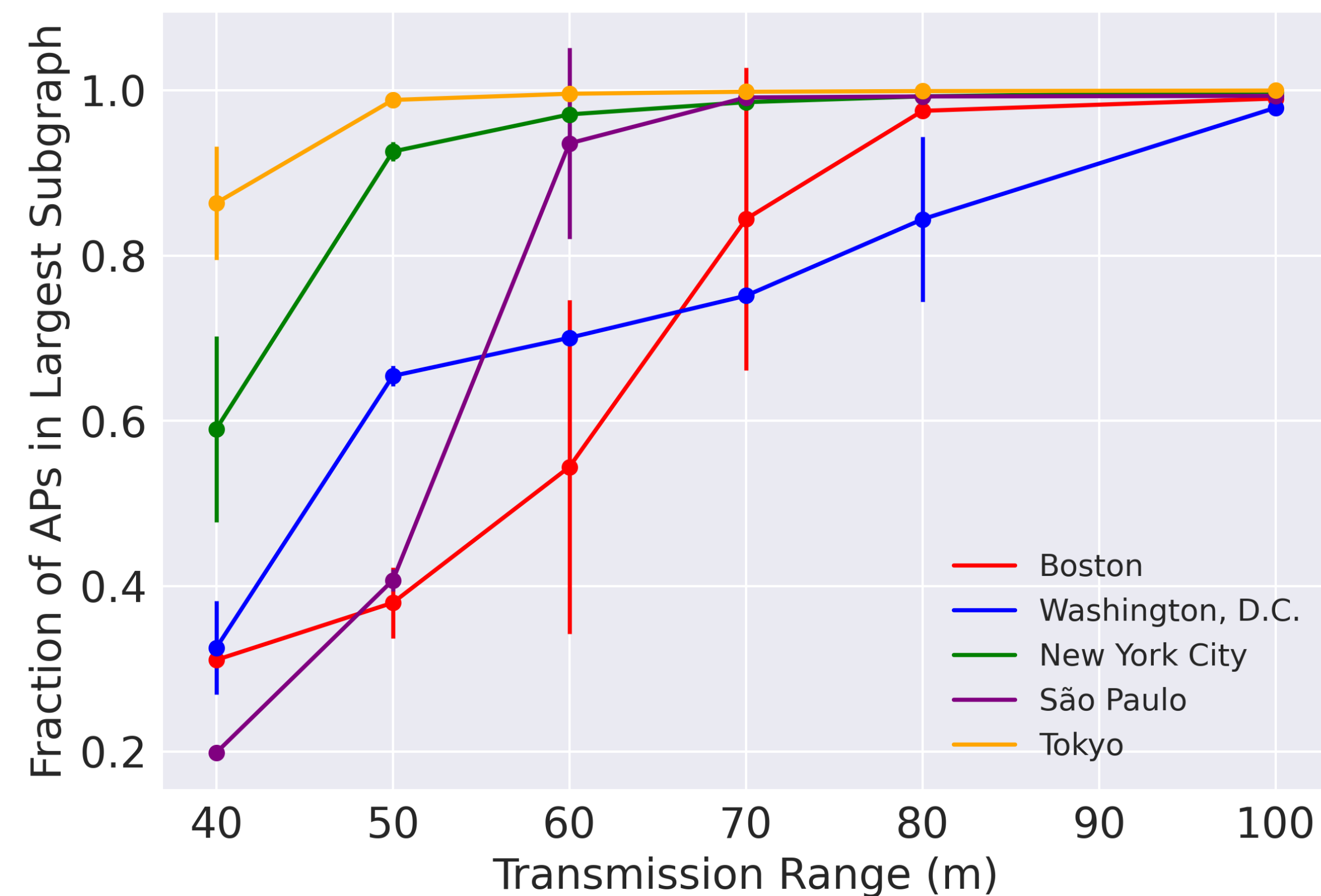
19 July 2022
Holly Honderich
BBC News



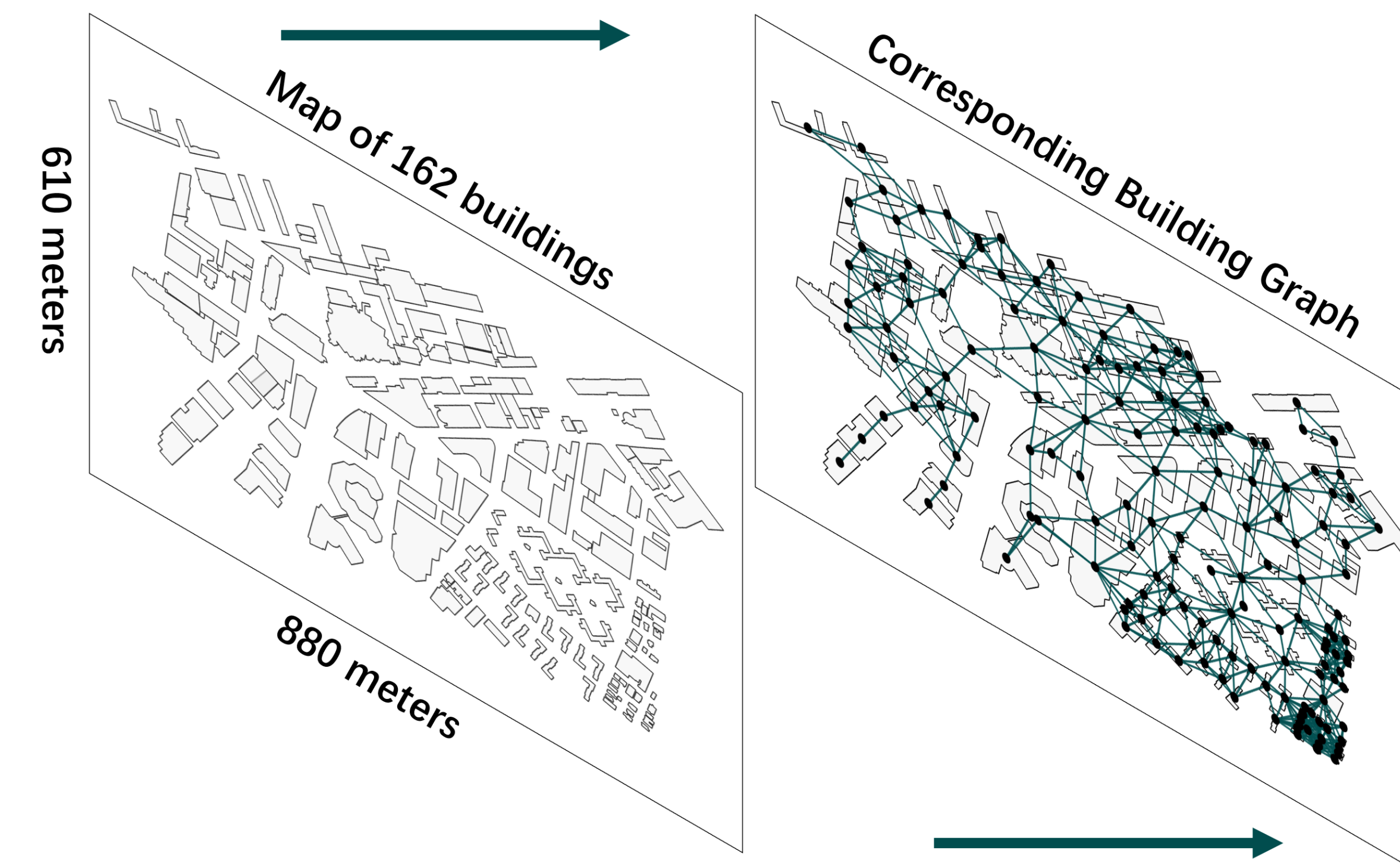
2. Citymesh: a city-scale network

- Mesh built on existing wireless devices
- Scales to city-wide network (1M+ devices)
- Finds routes through public map data
- Requires only few KB of storage on a device

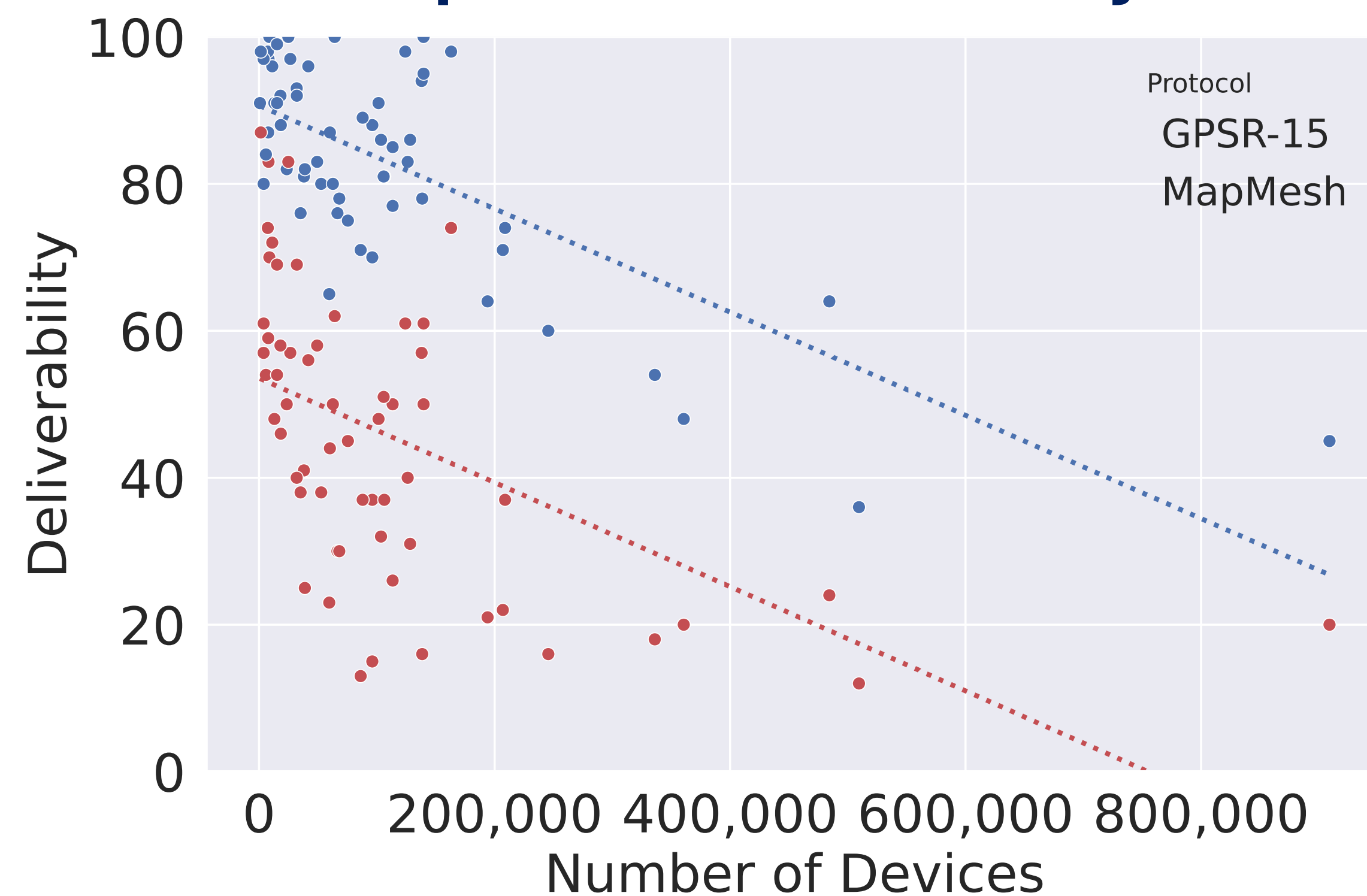
3. Feasibility



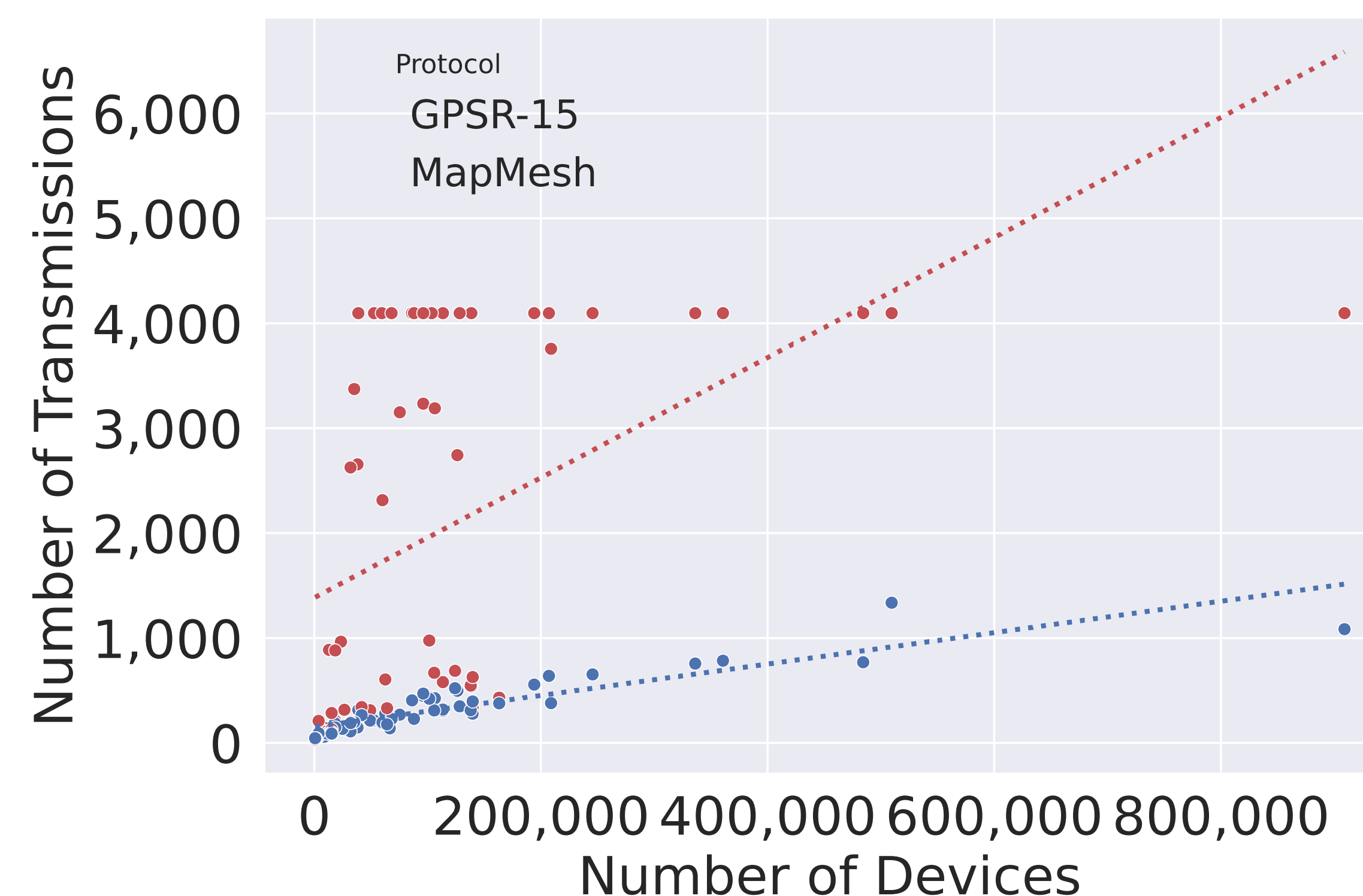
4. Building-Based Routing



5. Improves Deliverability



6. Reduces Transmissions



7. Real – World Testbed

