

Monkeybrains and Fiber to Housing

Eliminating access disparity



SF Fiber to Housing Partnership



San Francisco
Department of
Technology



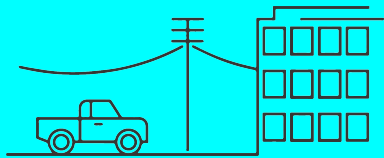
Mayor's Office of
Housing and
Community
Development



Monkeybrains ISP

MB + SF Fiber Process

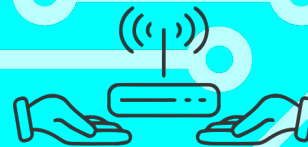
How Monkeybrains, DT, and MOHCD work together to connect clients to public fiber



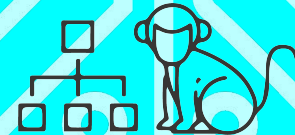
DT builds and connects fiber to MPOE or to street enclosure



MOHCD works with contractor to apply wiring standard in buildings

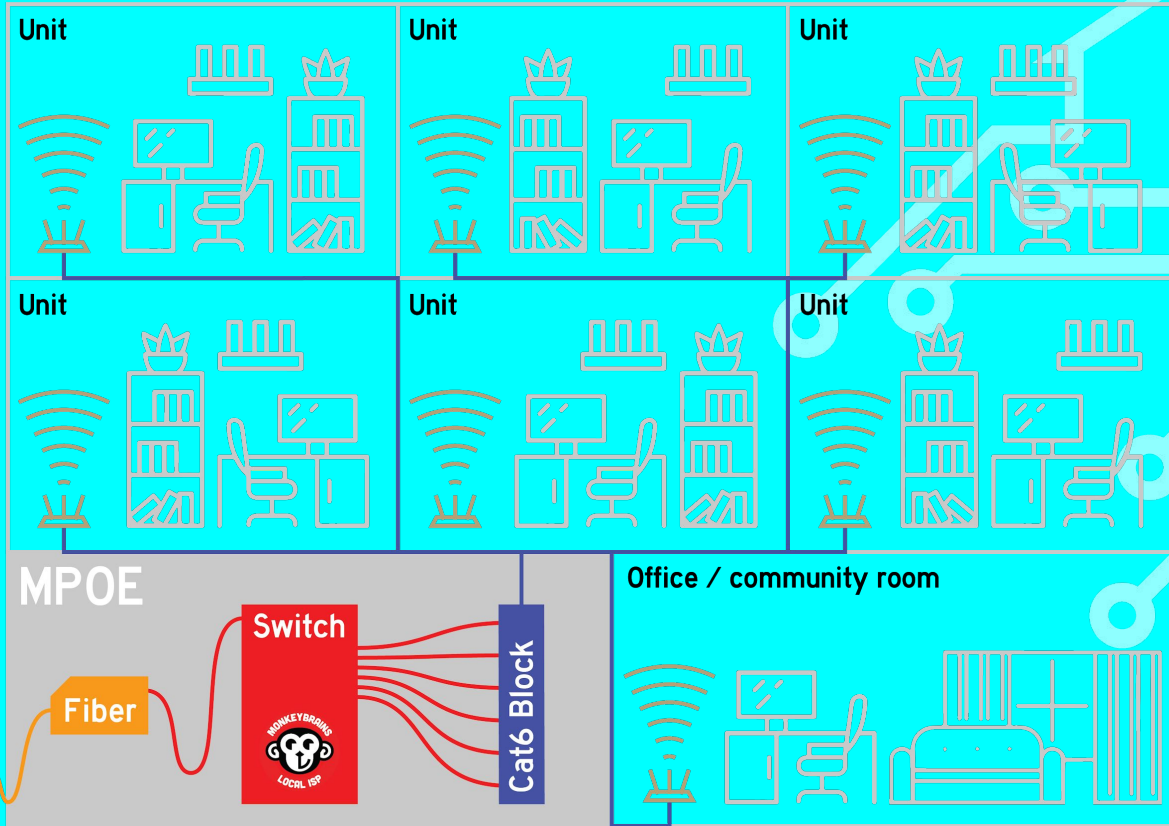


MOHCD / Digital Equity program hands out wireless routers to residents



Monkeybrains supplies switches and operates internet to connect at data center

In-Building Distribution



Department
of Technology
Fiber

MOHCD
standard Cat6
to call units

MOHCD Digital Equity Program
handles router handouts & device
support moving forward

Monkeybrains
Switch

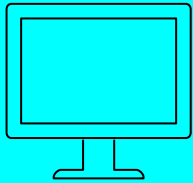
MOHCD
Digital Equity
Program

SF City Fiber Ring

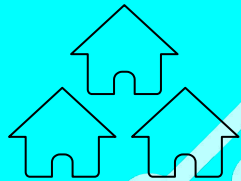


- Leverage wave multiplexing technology to build multi-site metro ring on a single fiber pair
- Network endpoints endlessly upgradeable
- Ring ensures stability and redundancy

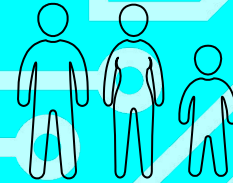
SF Public Fiber Experience



Low income residents have reliable gigabit internet speeds



At 50+ sites and growing, with over 6,000 units connected including 2,000 SFUSD students



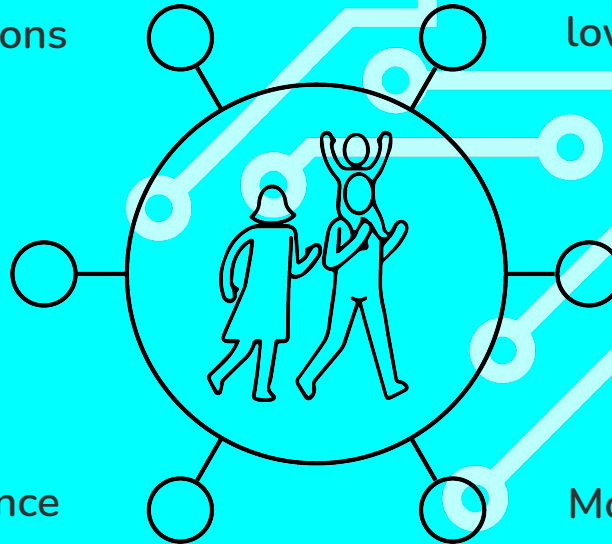
FREE to residents

This Model Works

Program directly
benefits affordable
housing populations

Reduces cost of service
for internet providers
and customers

New points of presence
for ISPs based on where
public fiber terminates



Encourages construction
of public fiber to
low-income areas

City can earn
revenue from its
fiber in the future

More city command to
reach families and students
in need of devices

Recognition for Fiber to Housing



“Providing low-income families with access to high-speed internet is about equity, and ensuring every family in our City has access to the resources they need to pay their bills, connect with City services, or do their homework. ...the Department of Technology’s Fiber to Housing program helps achieve that goal by closing the digital divide and providing fast and reliable internet access.”

London Breed - Mayor of San Francisco

Recognition for Fiber to Housing



“Monkeybrains is helping the City of San Francisco harness its dark fiber assets to provide Internet connectivity to low income housing. The City has expertise in building fiber assets. Monkeybrains is able to interconnect that network to provide access on that fiber and support the individual users... this combination offers a model for true digital equity.”

Institute for Local Self-Reliance

The SF Weekly logo consists of the letters 'SF' in a bold, red, sans-serif font, followed by 'WEEKLY' in a bold, black, sans-serif font. Above the 'SF' is a white outline of a house. The logo is set against a white rectangular background.

SFWEEKLY

“The Fiber to Housing collaboration between the city and Monkeybrains has already provided free, high-speed internet to more than 1,500 low-income families... Altogether, the city estimates the project will provide a service benefit of some \$400 million over 20 years.”

Alisha Green - SF Weekly



Monkeybrains in San Francisco

- Internet Service Provider founded in San Francisco in 1998
- Using a robust combo of wired and wireless data infrastructure
- Servicing over 16,000 locations, with 60,000 users and growing
- Providing gigabit internet to 6,000+ low-income units in SF using public fiber
- Serving businesses, residents, government, buildings, luxury housing, public housing, public Wi-Fi, public space deployment

Contact



Preston Rhea

Director of Engineering, Public
Policy

preston@monkeybrains.net
(202) 570-9770

A stylized brain outline is formed by a network of grey circuit board traces on a black background. The traces are interconnected, creating a complex pattern that resembles a neural network or a computer circuit. The brain's shape is defined by the outer edges of these traces, which are thicker than the internal connecting lines. The overall aesthetic is technical and digital.

www.monkeybrains.net