

## Hype Open Protocol – a hop into the future of connectivity

We believe in great software as a solution to make tomorrow’s connections more reliable, secure, affordable, and interoperable, and that new paradigms in connectivity are key in achieving a brighter, more connected, future.

### WHAT IS THE HYPE OPEN PROTOCOL?

The Hype Open Protocol is a connectivity platform that enables different devices to communicate, trade digital assets and services, such as access the Internet where they have otherwise been incapable of doing so. With HOP, devices connect directly, without the data going through the Internet, bringing the potential of blockchain to virtually every device on the planet.

The platform connects devices directly, on a local network. As devices connect, the content may hop from device to device until it reaches a destination or an Internet gateway, by having devices forward content on behalf of each other. The Hype Open Protocol provides the necessary incentive for them to cooperate

Incentivization is achieved by introducing a fee that scales according to the amount of resources consumed by the network. This means that devices earn fee revenue relative to the amount of resources they share with the rest of the network, whether this be power, memory, CPU or an Internet connection. With this scheme in place, devices are incentivized to assign greater amounts of resources to the network as a whole, increasing performance, stability and reliability.

[Download Hype now for free](#)

### ROADMAP

2018	2019			2020	2021
Partner Pilots	Internet Reachability	Incentivization Development	Streaming Capabilities	HOP Tests	Public Launch

### TOKEN UTILITY

Connectivity – Devices are incentivized to connect, cooperating on the same network for overall benefit. Such networks reduce the need for infrastructure, making connectivity cheaper and more reliable, without requirements for additional hardware.

Monetizing Infrastructure – It often occurs that existing infrastructure is underutilized, thus disincentivizing investment. With HOP such infrastructure can be monetized, by providing local connectivity and Internet to surrounding devices.

Trading – HOP enables devices to engage in the trading of goods and services by providing them with connectivity where it didn't exist before. It's even possible to trade using multiple technologies, such as Bitcoin, Ethereum, and even credit cards.

### WHAT IS HOP GOOD FOR?

Internet Sharing – Ever ran out of data from your Internet data plan? With HOP it's possible to “rent” Internet to and from other users, sensor networks, etc. It enables the sharing of excess data on a cellular plan, for a fee.

IoT Microtransactions – Microtransactions in IoT become possible by providing reachability to the Internet to often disconnected devices. The possibilities are immense!

Connectivity as Infrastructure – HOP empowers connectivity through public transports or traffic and street lights. Denizens can reach out to the Internet, enabling infrastructure to be monetized.

Off-the-grid trading – Disconnected devices can now access the Internet, and thus engage in trading when previously that was not possible. With HOP, even disconnected devices can trade goods and services.

Energy grid balancing – Energy production from renewable sources may be sold back into the grid to produce balance, and the Hype Open Protocol can provide the necessary connectivity and economy model.

And much more... – HOP can be used in many ways. We've seen tremendous creativity from our community in ways in which this technology can be deployed. We highlight some possibilities, but it's applicability is immense!

### PARTNERS & INSTITUTIONAL INVESTORS

