Show Me the Money

The concept of a small electronic box ("hotspot") producing daily revenue is a very strange concept to wrap your head around, so we are going to show you examples of actual operating hotspots on the Helium "Internet of Things" (IoT) network to show you examples of the potential revenue produced. We will also instruct you on how you can review any hotspot anywhere in the world so you can see for yourself that this is truly a once-in-a-lifetime opportunity which is available to you right now. Time is of the essence as there is a shortage of hotspots and we have hotspots on order coming soon.

A Helium hotspot has two primary functions, to pass network sensor data and to mine crypto currency called a "Helium Network Token" (HNT). The crypto currency we are awarded daily is our incentive for installing hotspots which is building out the IoT network.

Before we show you existing hotspots, a primary concept to keep in mind is that a hotspot will produce the most revenue when in the “radio vicinity” of other hotspots enabling the hotspots to communicate with one another. These hotspot-to-hotspot communications are termed “witnessing”. Witnessing is the process where the hotspots confirm to each other that they are fully operational and available to receive and transmit IoT sensor data. These recurring witnessing communications increase the data integrity of the overall network and witnessing occurs daily at eight-hour intervals. The maximum number of witnesses is 18, meaning that after 18 hotspots (if available) have been witnessed, the witnessing basically process ends for that time period. Every time a hotspot is witnessed (communicates with another hotspot), a fraction of one Helium Network Token (HNT) is awarded. The hotspots will perform their own witnessing (transmitting, called sending a “Beacon”), plus will earn revenue when witnessed by other hotspots (receiving). This means that there is the possibility to earn HNT throughout the entire day! The production of HNT is a 24/7 FULLY PASSIVE process!

What is essential in proving the validity of the operation of the Helium Network revenue is the availability of free graphical software that presents anyone with a fully transparent window into the Helium world-wide IoT network. This software provides an extremely detailed view of the HNT production of each and every hotspot operating on the Helium IoT network. In other words – we are about to show you the money!

While there are opinions on where the value of one HNT is headed, the HNT value used in this document is the current price of HNT as of 5/2/2022 of $13.35. The value of HNT can be viewed anytime and will vary daily: Current Price of HNT

We are going to give you some actual examples of operational hotspots, show you their HNT production, all while showing you how to do the same analysis on your own providing you full monetary transparency. There is a very significant difference in what hotspots earn, all the way from zero dollars to thousands of dollars monthly. What matters greatly in the variability of a hotspot’s HNT production besides other hotspots in “radio vicinity” for witnessing is the antenna location (internal to the home or external (on the roof)), antenna height, and interferences caused by trees and buildings.

The worst possible installation example of a hotspot would be in an interior office inside a home where the hotspot signal has to penetrate multiple walls to get outdoors. This interference will degrade the radio signal power level considerably to where the hotspot may not witness (communicate with) any other hotspots. In this worst-case example the hotspot will need to attempt to witness over the internet with other hotspots which will ultimately produce very little revenue. The vast majority of hotspots are most likely installed indoors based on sampling of earnings as most homeowners don’t have the knowledge or ability to install an antenna on their roof. An example of a superior high-revenue earning installation would be using a higher-gain (more powerful) external antenna mounted on a 10-foot pole on the peak of the house roof. The hotspot signal would then only have interferences from trees and nearby buildings so the likelihood of witnessing other
hotspots is greatly increased. For this reason all LinxSTR’s installations will only be with external antennas. We will be contracting professional antenna installers for all of our hotspot installs.

One other caveat related to the installation of the hotspots is the issue of other hotspots that are too close to each other. The minimum distance between hotspots is ideally at least 1,000 feet (300 meters). Hotspots too close to each other will “share” in the HNT production. This means there is a “sweet spot” for hotspot installations related to other hotspots and this is what we focus on – to install a hotspot in the sweet spot.

When we are analyzing property locations for consideration, we will survey the hotspots in the immediate vicinity, their distances, and we will look at the terrain in 3D (Google Earth) to view heights and to look for possible obstructions that will cause interference which will be detrimental to HNT production. There are many other variables that we will be analyzing for every location, but what is most important is that we will only install hotspots in locations that will produce HNT consistently 24/7. We all will profit handsomely by going the extra mile and professionally analyzing and installing our hotspot systems.

We primarily use three different software programs to view and analyze hotspots and possible installation locations. We are first going to focus on the free software, which was created by Helium which is called Helium Explorer. [https://explorer.helium.com/](https://explorer.helium.com/)

This software displays all of the hotspots installed on the Helium IoT network (730,000+). We are able to zoom down to all geographic locations and select (click on) a hotspot to view the various details Helium provides, but most importantly to view the HNT production for the last 24 hours, the last 7 days and the last 30 days. While we can see the relevant hotspot status information, we will not know any information on how the hotspot has been installed as far as if the antenna is internal or external to the home. The gain of the antenna and the antenna height is listed, but may or may not be accurate. Only a physical drive by would help us see if the antenna is external and the true height of the antenna. However, a general rule of thumb is hotspots with a very low monthly HNT production, say below 5 HNT a month, are probably an indoor installation.

The Helium software shows us a framework of green hexagons which is how areas of the globe are segregated. These hexagons are basically 3,000 feet in diameter. If there is a green hexagon, there is at least one hotspot within the hexagon. Inside these hexagons there may be multiple hotspots and the Helium software will list the individual hotspots which we can then click on to view their data.
This is a close-up view of hexagons in Ft. Lauderdale FL:

You can then click on any hexagon which will zoom in and will display all of the hotspots within that hexagon.

The three-word names of the hotspots have no meaning and are randomly assigned. Notice there are seven hotspots in this one hexagon, which is a lot of hotspots and not ideal. The maximum number of hotspots in one hexagon is ideally four.
Clicking on the first hotspot named “Abundant Daisy Elephant” will show you the statistics for that hotspot:

The right window displays the location of this hotspot as a white circle and emanating from the white circle are yellow lines which connect to yellow circles which are the hotspots witnessed.

Focusing on the statistics:

Transmit scale is ideally 1.0, (100%) meaning that is the optimal balance of the number of hotspots relative to each other. The transmit scale is a multiplier after all of the HNT calculations are completed. A .92 transmit scale in this example means a 8% reduction in the total HNT output. Too many hotspots in close proximity will lower the transmit scale and this is exactly the case here with 6 hotspots in close proximity to each other. The orange text states “Suboptimal Transmit Scale” so we would not add another hotspot in this area.

Sync Status “Synced” means the hotspot is in sync with the IoT network (all is well).

Earnings can be viewed by clicking on “24H” (last 24 hours), “7D” (last 7 days) or “30D” (last 30 days). Surprisingly, even with a “suboptimal” transmit scale, this hotspot has produced 14.65 HNT in the last 30 days which at the current value of one HNT at $13.41 equals $196.71! Not bad for “suboptimal” performance! This revenue is almost .5 HNT per day which is our base target HNT output amount. What matters most is the amount of HNT produced daily (24/7) as the HNT price will vary daily, but over time ideally the value of the HNT token will rise significantly.
A “Beacon” is a single transmission from the hotspot and this beacon can be witnessed by any other hotspot in radio range. Beacons and Witness events (transmit and receive) both factor highly into the HNT production calculation. The higher the number of beacons and witnesses, the higher the HNT output. “Total Witnesses” is 58 for this hotspot within the past 5 days which is a very good amount of witnesses.

You can click on the other three tabs to see more detailed information related to the hotspot activity in detail.

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Also, just below the hotspot name is other information:

The location is Miramar Florida.

The hexagon identifier is the purple hexagon in the top right. You can click on the link.

The hotspot manufacturer is “Heltec Automation”.

The antenna gain (strength) is 8 dBi (the stock antennas shipped with the hotspots is typically 1.2 dBi).

The antenna height is 10 Meters (32 feet) high.

The hotspot “address” (identifier) is in the lower left corner.

The green icon that looks like a head and shoulders is a link to the owner’s helium digital wallet. If the owner leaves their HNT in their account the total HNT earned will show. If the owner has transferred HNT from their account the account will show the remainder. Being able to view any account provides complete transparency of the network.

FYI, you can type in any hotspot name in the search window in the upper right corner of the screen and you will be taken directly to that hotspot. You can go and view the same hotspots we are using as examples by typing in the hotspot names.

Here are some additional hotspots located in the same general area. While we don’t know the details of the installations, what we can deduce is the higher performing installations are most likely external antenna installations and elevated. This is how we at LinxSTR install all of our systems:
Muscular Mandarin Robin – 9.45 HNT, $126.55 in the last 30 days, 165 Beacons, 51 Total Witnesses:

Curly Chiffon Lemur – 9.65 HNT, $131.21, 142 Beacons, 47 Total Witnesses:
We are showing these various hotspots to show what could be realistic with a proper analysis and installation. We wanted to show you what could possibly happen when you share in the revenue of the hotspots with us.

We at LinxSTR will strive to provide maximum profitability for us and our investors by the thorough analysis and professional installations of each and every one of our hotspots. We are conservatively using .5 HNT per day in our business plan for our calculations which is fully achievable when the selection process is adhered to.

One other critical feature of the Helium network is the future revenue sharing of the data fees of the network. All hotspots will eventually share (profit) on the fees Helium charges for using the sensor network. These fees are projected to be substantial and will increase the hotspot HNT revenue produced! Helium’s network plan is projected out for 50 years, and we are only 2.5 years in. The HNT awarded at this time is based almost 100% on the incentivization by installing hotspots. The ratio of HNT earned based on mining data fees will increase over time as the data traffic increases.

Time is of the essence to join us! We have hundreds of hotspots on order with a confirmed ship date from the manufacturer. If you would like to participate in this once-in-a-lifetime opportunity, contact us today!