



# THE WORLD'S MOST RELIABLE PROXIES

HOW RAYOBYTE DELIVERS  
PROXIES FIT FOR THE



# FEWER BANS

Downtime is only one of the concerns when you put your trust in a single proxy provider. The other: bans. Here's how Rayobyte makes sure you can always access the sites you need for your particular use case.

## DC / ISP PROXIES

### + IPs Over Multiple Autonomous System Numbers (ASNs)

Usually, sites will only ban one IP at a time. But what if they ban an entire ASN? This is not a problem for us, as we have many other ASNs we can immediately rotate your proxies to. Few other proxy providers can promise this level of redundancy.

### + Self-Owned ASN

One of those ASNs is ours. This allows us total control of the subnets we purchase. It also means that you don't have to worry about other users' risky behavior getting the ASN banned, as our proxy customers are the only ones using these IPs. To our knowledge, no other proxy provider has purchased and set up their own hardware and software solution to physically own IP addresses in this way.

Learn more about ASNs, subnets, and classes of subnets from our [CEO Neil Emeigh](#) and [Vice President of Marketing Isaac Coleman](#).

### + Subnet Diversity

Most ISPs that lease to proxy companies have a large single class A subnet, which means that you're more likely to be affected by a mass ban caused by the activity of other users. We demanded better. Our IPs come from tens of thousands of C class subnets spread over dozens of unique B and A classes. And we are adding more all the time!

### + New ASNs ON DEMAND

Because of the hardware control we maintain, we can create new ASNs, and put brand new, clean, subnets on those ASNs. To the world, it will look like a brand new ISP spun up out of the ground and has a 0% traffic pattern on all websites to date. This option, available to enterprise users who are willing to pay extra for ultimate control and security, is something no other proxy provider can provide.

## RESIDENTIAL PROXIES

### + IPs from Real End-Users

Residential proxies allow you to tap into a network of millions of real devices around the world, shared with us by real users. This gives you the highest level of ban protection and website access on the market.



### The Rayobyte Difference

We consider ourselves the **most reliable proxy** seller in the world. It's not a claim we make lightly.

We are one of the few proxy providers who are willing to put our names and reputation behind all of our products. We believe we offer the **highest level of transparency and ethical standards** of any company currently on the market. And our founder, Neil Emeigh, has lived and breathed the proxy and scraping space for over a decade.

Since our 2013 founding, we have worked - or are working - with the top data extraction, eCommerce, and social media companies in the industry. We have offered proxies to Fortune 500 institutions. And our partner company, Scraping Robot, even has **contracts with the government of the state of Nebraska**. If they trust us, you can too.

Read on to learn how we are keeping our enterprise clients **safe from downtime and bans**.

# NO DOWNTIME

We know that not being able to access your proxies when you need them can be catastrophic. That's why we work harder than any other proxy provider to ensure 99.95% uptime.



## 24/7 TECHNICAL TEAM

Our senior engineers are available around the clock to identify and deal with any potential issue as soon as it arises. This team has dealt with and knows how to respond to any situation that could cause downtime, from data center blackouts to power outages to DDoS attacks.



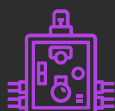
## HUGE MONITORING SYSTEM

Our massive, proprietary monitoring system immediately notifies our engineers of any minor and major issues that need attention. We have hundreds of servers and have worked with hundreds of thousands of proxies over our years in operation. We know what to look for.



## DATA CENTER REDUNDANCY

Our proxies are located in more than 39 data centers and spread across 9 autonomous system numbers (ASNs). This means that even if an entire data center were to go down or an entire group of proxies were to get banned, we would still be able to guarantee uptime by rotating you to another datacenter immediately. We even have 8 different datacenters in the US alone!



## END-TO-END HARDWARE CONTROL

For our IPs, we control the infrastructure end-to-end - all the way up to the bandwidth provider (from whom we lease a "blended" bandwidth network line). This means we have significantly more control over all aspects that can affect uptime than other providers.



## IMMEDIATE PROXY ROTATION

Proxy servers may go down, but we have built-in redundancy across our hundreds of proxy servers. If we detect that a server is down, our system gives you the option to auto-rotate your IPs (as long as you've asked us to do this in your dashboard settings.) Our system is also designed to automatically spread your proxies across as many subnets as possible - and since each server only contains a few subnets, you can be confident that you'll never lose all your proxies at once.



## HIGH AVAILABILITY

Our system has a significant amount of proprietary software (custom kernel changes, custom networking changes, etc.) that enables our machines to handle massive throughput - around 25 petabytes of data per month. This didn't happen by chance. Customers recognize and respect the quality our infrastructure when compared to other providers.



Certified Member  
of EWDCI



Award-Winning  
Proxies



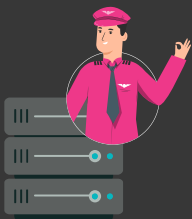
Your Trusted  
Proxy Partner

# RESIDENTIAL PROXIES

High-authority proxies  
optimized for any scale



- ✓ 100% ethically sourced
- ✓ Geo-targeted to any city on Earth
- ✓ Sticky sessions
- ✓ Unused bandwidth never expires



## Proxy Pilot

Here at Rayobyte, we know proxies better than anyone – with nearly a decade of trusted expertise to prove it. Put our expertise to work for you with Proxy Pilot, the all-in-one proxy management application that handles retries, cooldown logic, ban detections and more.

## Real devices. Real ISPs. **Always ethically sourced.**

### Unlimited Threads

- ✓ No limits on concurrent connections
- ✓ Improve your overall experience, handle a large number of requests, improve performance, perfect for large-scale data collection & any multi-tasking that needs to be done

### Instant Pool Scalability

- ✓ Scale your pool to the number of IPs you need.
- ✓ No commitment necessarily – pay only for what you use, when you use it!

### Custom ELK Analytics Dashboard

- ✓ Bandwidth used
- ✓ Success rates
- ✓ Response Times
- ✓ Individual request information
- ✓ Domain lists

### IP & User: Pass Authorization

- ✓ Choose your preferred authentication method: IP Authorization or a username/password combination

### The Highest Ethical Standard

- ✓ Total privacy compliance
- ✓ All pool members are paid for their usage and alerted of said usage each month
- ✓ [Read more!](#)

### 24/7 Customer Service

- ✓ 24/7 customer service availability
- ✓ Access to Slack communication platform
- ✓ Get usage advice directly from our developers



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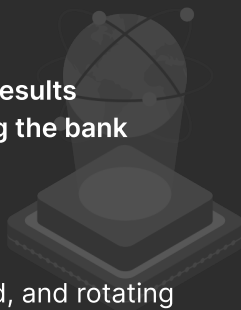


Your Trusted  
Proxy Partner



## DC PROXIES

Get the fastest results  
without breaking the bank



- ✓ Dedicated, semi-dedicated, and rotating HTTP(S) and SOCKS IPs
- ✓ Spread over 9 real ASNs
- ✓ Available in more than 25 countries
- ✓ Unlimited bandwidth and threads

## ISP PROXIES

Where residential authority  
meets data center speeds



- ✓ Dedicated and semi-dedicated
- ✓ 6 ASNs from residential Internet Service Providers
- ✓ Available in the US, UK, Canada, and Germany
- ✓ Unlimited bandwidth and threads

## OTHER PRODUCTS



### Scraping Robot

A mature scraping API built for developers.

### Mobile Proxies

The most authoritative IPs in the world.

### Rotating ISP

Authority meets usability in our newest beta product line.

## Our data center IPs provide maximum redundancy and diversity.

### Unlimited Bandwidth

- ✓ No limits on concurrent connections
- ✓ No hidden fees for enterprise usage

### High Availability

- ✓ Over 300,000 IPs  
20,000 unique C-class subnets
- ✓ 25 petabytes of throughput per month
- ✓ [Check our ARIN profile for yourself!](#)

### Free, Automatic Replacements

- ✓ Automatic replacements every 30 days
- ✓ Instant individual replacements on request

### A World-Class API

- ✓ Integrate our proxy manager seamlessly into your product
- ✓ Ensures you're always using the most up-to-date proxy list
- ✓ Manage retries, cooldown logic, bans, and geo-targeting without ever visiting the dashboard

### IP & User: Pass Authorization

- ✓ Choose your preferred authentication method: IP Authorization or a username/password combination

### 24/7 Customer Service

- ✓ 24/7 customer service availability
- ✓ Access to Slack communication platform
- ✓ Get usage advice directly from our developers



We hope you can see now why so many enterprise customers choose to reduce costs and streamline their process by choosing **Rayobyte as their sole proxy provider.**

Join them today at

**[www.rayobyte.com](http://www.rayobyte.com)**

or email

**[sales@rayobyte.com](mailto:sales@rayobyte.com)**