

# Why choose our IaaS & Dedicated Hosting Solutions

As a long-established hosting partner with a presence on five continents, Ingenuity Cloud Services is ideally placed to handle your IaaS and dedicated hosting requirements. Our global footprint includes over 7,500 servers in 50+ secure data centers, making us the ideal partner for IaaS at scale.

- Large Scale deployments
- High Throughput Infrastructure
- Full Client Control
- Platform Management Interface (IPMI)
- 30+ peering & transit partners
- Bare Metal dedicated resources

## What is IaaS?

As one of the four pillars of cloud computing, IaaS is a scalable and flexible computing infrastructure hosted and managed online. It provides a cost-effective alternative to buying physical servers, since it expands and contracts in response to real-time demand – meaning you only pay for the services you’re using. Ingenuity Cloud Services handles the infrastructure and hardware, allowing you to install and operate whatever software and IT projects you want or need, from OS to apps. It’s the perfect infrastructure for testing and developing new services, hosting websites with variable traffic volumes, and running HPC processes including big data analysis.

## Why choose Ingenuity Cloud Services’ IaaS & Dedicated Hosting Solutions

We know all about the hardware required to underpin a dependable and powerful cloud network. For over 20 years we have provided businesses around the world with stable hosting, with minimal CapEx costs and ongoing billing that directly reflects usage. In addition, because we’ve been continually refining our services, our next-generation bandwidth and data solutions are among the best in today’s market. Whether you want a secure and superfast bare metal setup or a large-scale international deployment, our resources are at your disposal as and when you need them. Our highly-trained support staff are also available around the clock, offering help and advice.

## Why choose Ingenuity Cloud Services’s IaaS & Dedicated Hosting Solutions:

### 1. Global Scale

Ingenuity Cloud Services has seven cutting-edge data centers, from Salt Lake City to London and Frankfurt. We’ve also built partnerships with carefully chosen service providers, giving THG Ingenuity Cloud Services’s IaaS clients access to dozens of other high-power data centers across five continents. They all offer uninterruptible power supplies and optimized cooling, with biometric access and round-the-clock video surveillance of secure server cabinets. Stability is the watchword at every location, ensuring your business can focus on its day-to-day operations. Crucially, our global network means we’ll have a presence near the internet exchanges your users and customers rely on in these increasingly mobile times.

# IaaS & Dedicated Hosting

## 2. **High-Throughput Infrastructure**

Your IaaS solutions can be customized to suit your precise requirements. Need GPU servers for intensive data analysis? We can deliver high-power computing capabilities in real time. Running high data egress applications? Our high-throughput infrastructure can include 2 x 10Gbps connectivity. Looking to expand your firm's archives and data storage? Tell us how many terabytes you need, and it'll be at your disposal. We can support billions of actions or transactions in industry-leading time.

## 3. **Our IaaS solutions**

As an expert in your chosen industry, you'll probably want granular control over the services we provide. Ingenuity Cloud Services's IaaS solutions include full client control, allowing you to link to your servers using our Intelligent Platform Management Interface (IPMI). This remote system management tool gives you full overview of your network's performance. IPMI is also endlessly flexible, rapidly scaling in response to real-time fluctuations and only billing you for services rendered.

## 4. **Peering & Transit**

While our industry-leading data centers offer high-performance hosting and completely dependable service provision, we have also diligently built relationships with dozens of peering and transit partners. Collectively, this ensures you have the best bandwidth and data solutions for your mission critical workloads and infrastructure needs. Our infrastructure also dovetails with your existing public cloud workloads, whether they're hosted with AWS or Azure, IBM Cloud or Google Cloud. We offer uncontended bandwidth and unmetered inbound and private network traffic, along IPv6 networks with full redundancy and intelligent traffic routing. This robust, high-speed connectivity ensures your clients won't waste a millisecond waiting for the services you offer.

