



Global Intelligent Accelerator

Instantly improve digital experience worldwide

New technology has created huge opportunities for interactive user experiences in every industry.



Gaming



Media



Healthcare



Education



Finance



Manufacturing



Users judge experiences not just on the usefulness of the content or application, but how responsive it is.

- ✓ 53% of users will abandon a webpage after 3 seconds
- ✓ Google uses page speed as a ranking factor
- ✓ Lag is the #1 complaint by competitive online gamers

The more **interactive** your platform...



1 second
Websites



0.125 seconds
Live streaming



0.25 seconds
Gaming



0.01 seconds
Autonomous cars

...the **lower latency** users expect.

A simple equation with many benefits but hard to implement globally



**Reduced
Distance**



**Faster
Connections**



- ✓ Ultra low latency
- ✓ Improved user satisfaction
- ✓ Increased revenue



Global Intelligent Accelerator

gives you ultra low latency worldwide
instantly.

You tell us **what** you need and **where**.

Our expert team handles the rest.

The background features a light blue and white color scheme. In the top left, there is a grid of small grey dots. A large yellow semi-circle is positioned at the top center. A large light blue rounded rectangle is centered behind the text. To the left of the text, there is a green hexagon pointing right. To the right, there is a light purple rounded rectangle. At the bottom, there is a light blue semi-circle and a light blue triangle pointing up.

Global Intelligent Accelerator

Overview



What is **Global Intelligent Accelerator (GIA)**?

Instantly accelerate user access to applications, websites, and/or online platforms, including highly dynamic content like livestreaming and player actions, or secure operations like user authentication and payments.



Accelerate any kind of digital application



Exceptional speeds



Worldwide distribution



Simple management & real-time monitoring



Customizable

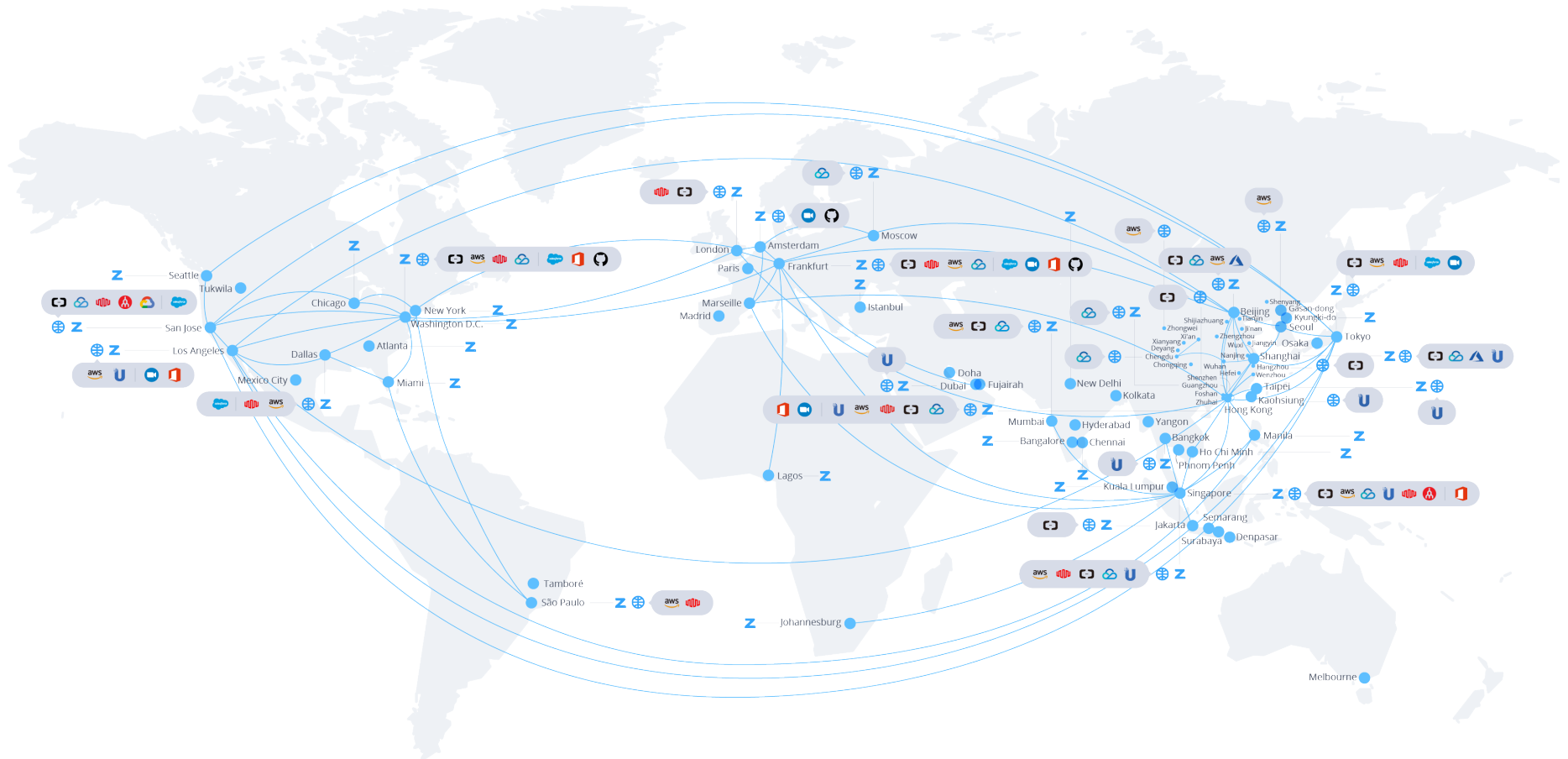
Zenlayer is #1 in Global Coverage

180+
edge nodes

35+
countries

230+
private lines

15+
Tbps bandwidth



Infrastructure

- Data Center
- Cloud Wan

Services

- ⊕ Cloud Networking
- ⚡ Bare Metal Cloud

Public Clouds

- aws AWS
- Microsoft Azure
- Google Cloud

- Alibaba Cloud
- Tencent Cloud
- UCloud

- Equinix Cloud Exchange
- Coresite Open Cloud Exchange
- Megaport

SaaS

- Salesforce
- Office365
- Github
- Zoom

Global Acceleration



GIA is built on Zenlayer's global network and private backbone to achieve **ultra-low latency** almost **anywhere in the world**

<10_{ms}

To major cities

<30_{ms}

within the Zenlayer Network

<25_{ms}

Last-mile connection average

Includes emerging markets like
China, India, Southeast Asia, South America, and Africa.



The background features a light blue dot grid in the top left and top right corners. A large yellow semi-circle is in the top left, a large light blue rounded rectangle is in the center, a green hexagon is on the left, a light purple rounded rectangle is on the right, and a light blue semi-circle and triangle are at the bottom.

Global Intelligent Accelerator

Product Features

Features

Connectivity

- ✓ Dedicated backbone improves stability and transmission efficiency
- ✓ Support for multi-cloud storage
- ✓ Middle-mile dedicated backbone transmission
- ✓ Direct connections to all major public clouds
- ✓ 99.99% SLA

Speed

- ✓ Intelligent routing with high network redundancy
- ✓ Direct connections across regions
- ✓ Multi-carrier transmission
- ✓ 0% packet loss
- ✓ Customizable alarms for demand spikes
- ✓ Real-time network monitoring

Security

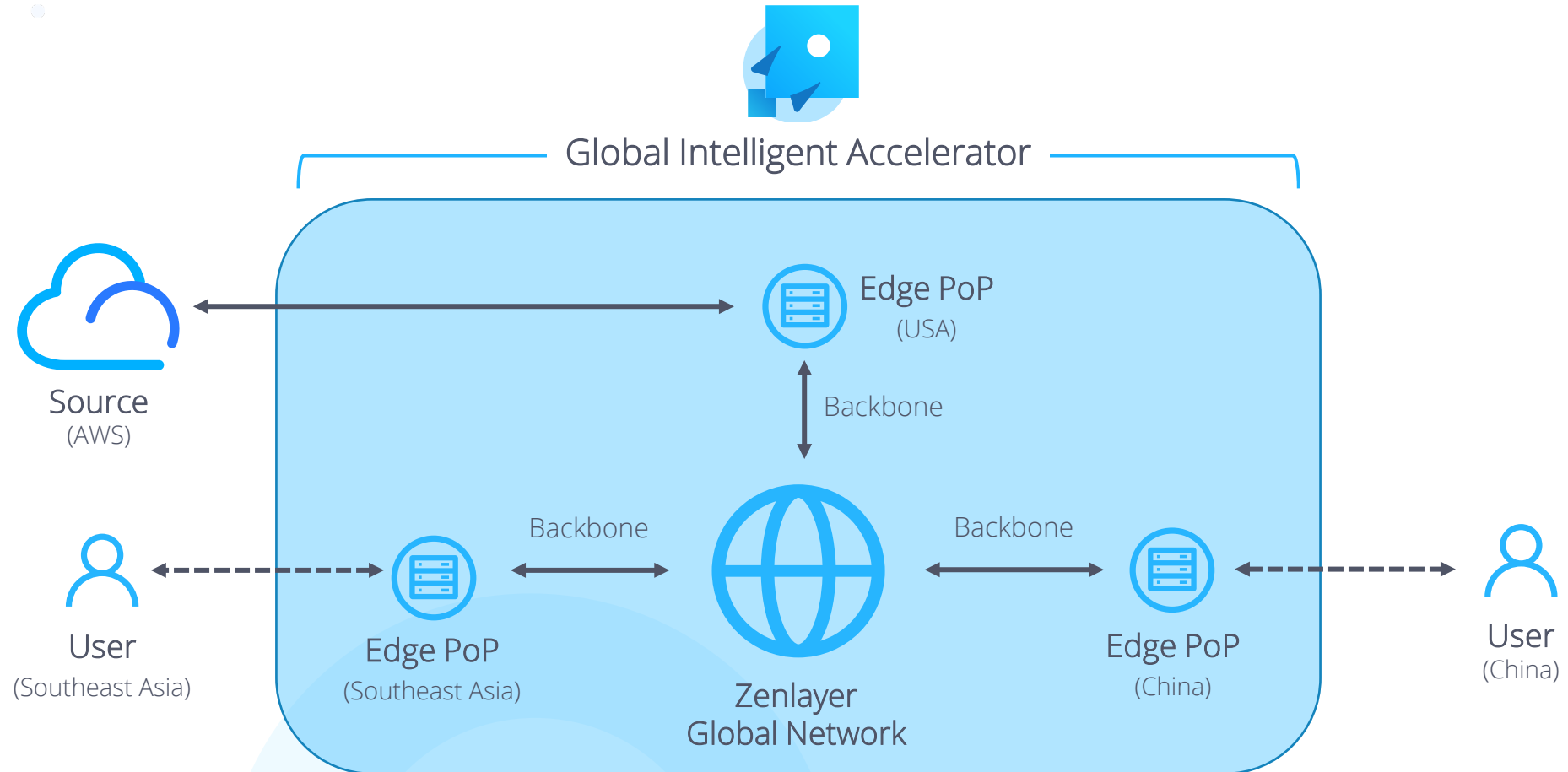
- ✓ Source hiding
- ✓ Source load balancing
- ✓ SSL encrypted transmissions
- ✓ Blacklist and whitelist options
- ✓ IP ACL
- ✓ Automatic certificate management
- ✓ Select IP addresses for fixed application entry points

Customization

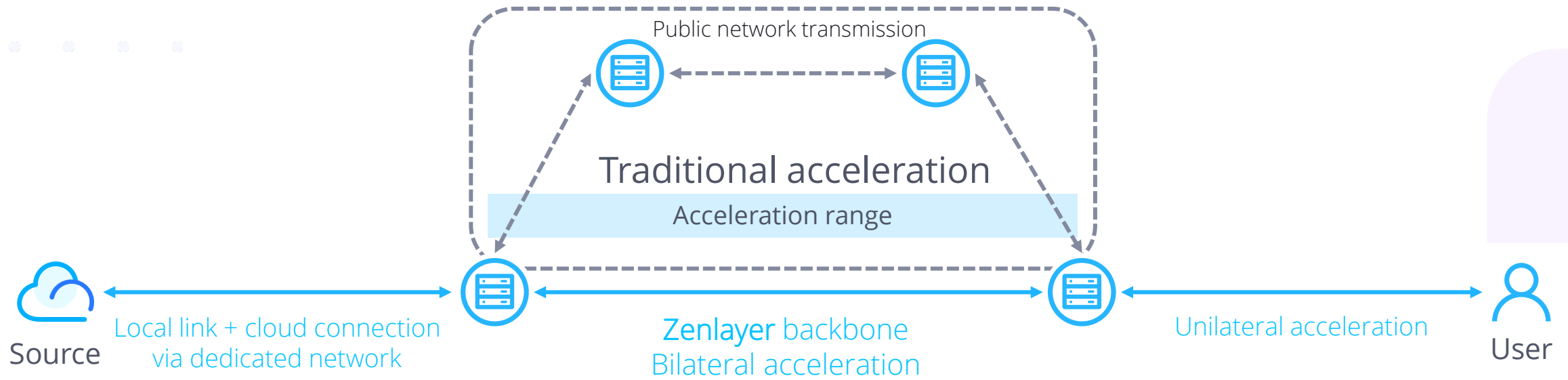
- ✓ APIs for custom application integration
- ✓ HTTP(S) forwarding
- ✓ WebSocket and FTP protocols
- ✓ IP/domain acceleration
- ✓ Customized acceleration ports
- ✓ HTTPS certificate-free secure acceleration (one-key certificate)
- ✓ Customized route resolution
- ✓ Support for Layer 4 forwarding (TCP/UDP)

Sample Architecture

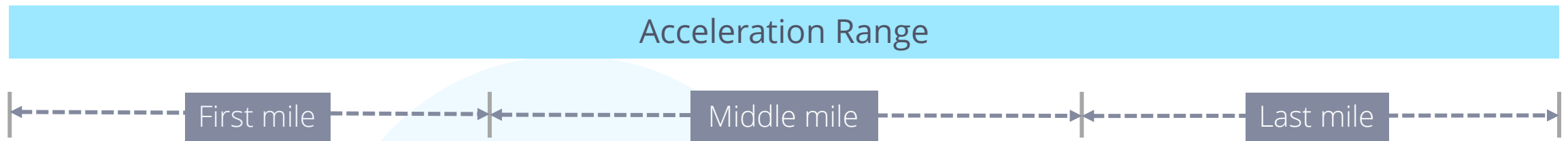
Global Intelligent Accelerator uses Zenlayer's **resource-rich, congestion-free global network** to route TCP and UDP traffic to application endpoints near users.



End-to-End Acceleration



Global Intelligent Accelerator

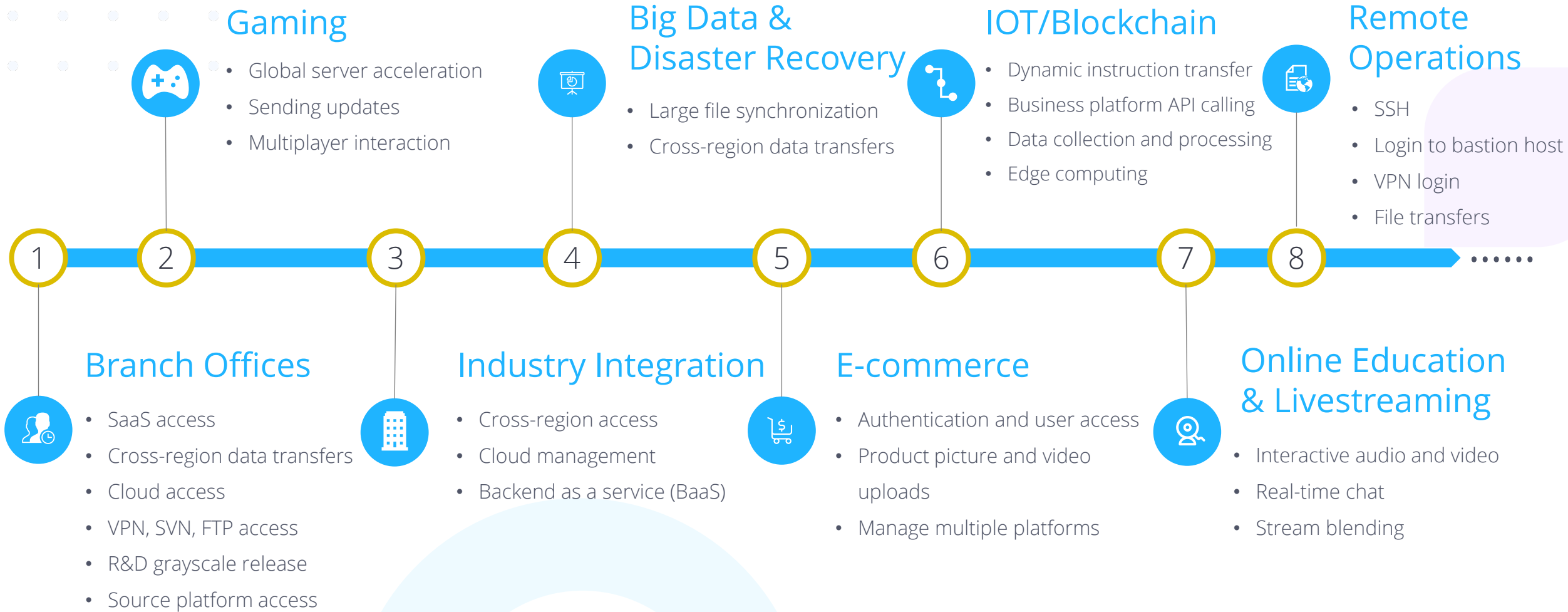


The background features a light blue gradient with various geometric elements: a yellow semi-circle at the top left, a green hexagon on the left, a large light blue rounded rectangle in the center, a light purple rounded rectangle on the right, and a light blue triangle at the bottom right. There are also patterns of small dots in the top left and top right corners.

Global Intelligent Accelerator

Use Cases & Case Studies

Use Cases



Online Gaming

Customer

A global game developer and publisher that operates in China, North America, Russia, Japan, Southeast Asia, India, and other global markets.

Use Cases

- Global server acceleration
- Game livestreaming
- Large file transfers (installation packages, updates)



Results

Singapore to Beijing Alibaba Cloud

● Competitor ● GIA

75

69

Time to connect

152

139

Total transfer time

Multinational Companies

Customer

A video entertainment site enterprise with offices in Southeast Asia, Russia, and Europe.

Use Cases

- Connecting headquarters and branch offices
- SaaS and Cloud access
- Cross-region large file transfers



Results

Philippines to Singapore

● Direct latency ● GIA

45 ms

A horizontal bar chart with a blue bar representing a value of 45 ms. The bar is positioned to the right of the text '45 ms'.

10 ms

A horizontal bar chart with a teal bar representing a value of 10 ms. The bar is positioned to the right of the text '10 ms'.

Cross Border E-Commerce

Customer

An e-commerce platform headquartered in China accessing AWS across borders.

Use Cases

- User authentication and access
- Uploading product information, pictures, and videos
- Managing multiple platforms



Results

Loading a 1.3 MB webpage in Shenzhen from San Francisco AWS

- Direct connection
- GIA

4.36 s

1.1 s

Load time from AWS source

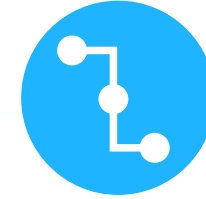
Blockchain/Internet of Things

Customer

A blockchain mining company located in South America.

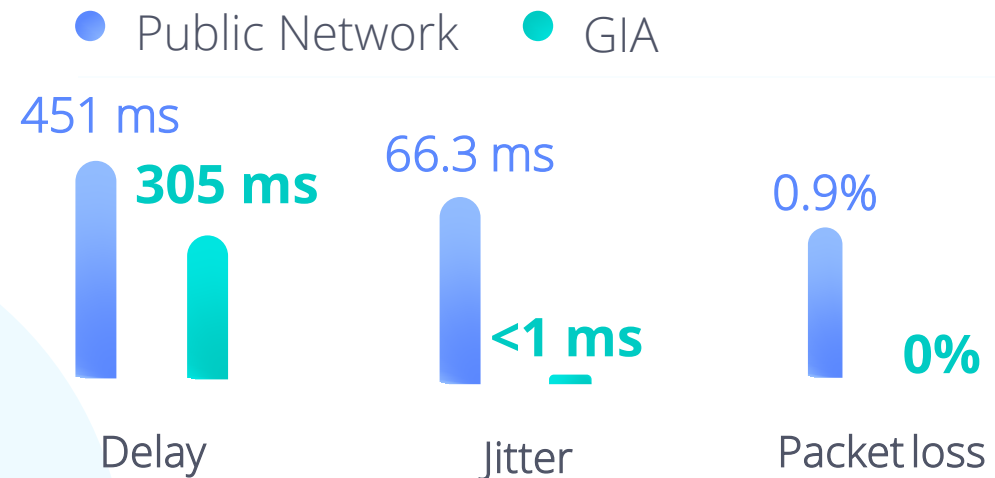
Use Cases

- Data collection and processing
- Dynamic instruction transfer
- API calling
- Edge computing



Results

Sao Paulo to Shanghai





Zenlayer at a Glance

Enabling organizations to improve their global user experience
by instantly lowering latency

#1

in global coverage

180+ edge data centers
6 continents / 35+ countries
15 Tbps backbone / 230+ private lines

<25 ms

to 85% of world's internet users

1000+ global peers
Emerging market expertise

<15 min

Support response time

24/7 global tech support
95%+ TTR < 4 hours
(Trouble ticket resolve time)

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Zenlayer

Overview

Trusted by 300+ Global Customers

Gaming



Cloud



Telecom



Streaming / Online Education / Real Time Communications



E-Commerce / Retail



Mobile



Other



Partners & Industry Recognition



DIGITAL REALTY



CORESITE



NETWORKWORLD
FROM IDG

2018 10 Hot SD-WAN Startups

Everest Group®

2019 Top 10 SD-WAN Trailblazers



PTC
Innovation
Awards



2019 Best Networking Innovation



2019 Trusted Cloud Certification



WOW service that exceeds expectations

Easy 🛠️ contact

- 24/7 technical support via phone, email
- 24/7 proactive network and device monitoring

Fast 🚀 responses

- < 15-minute response time
- On-site technicians at core PoPs

Quick ⚡ resolutions

- 95%+ TTR < 4 hours (Time to resolution)
- 99.99% SLA (Built-in redundancy for both circuits & hardware)



Improve digital experiences. Instantly.

Global offices

Los Angeles (HQ)

Mumbai (HQ)

Shanghai (HQ)

Singapore (HQ)

Beijing

Hangzhou

Hong Kong

San Jose

Shenzhen

Taipei (coming soon)

Contact

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