

ZtreamingEdge Platform

High-Performance Edge Streaming Solution

Product Datasheet

Zealtech International Co., Ltd.

The **ZtreamingEdge Platform** is a high-performance streaming solution designed to seamlessly connect with leading back-end engines such as **Wowza** and **Cloudflare Stream**. Built for reliability, scalability, and ease of integration, it enables organizations to deliver **live and on-demand video content** with minimal complexity.

This enterprise-grade platform transforms how organizations approach streaming infrastructure, providing a comprehensive solution that bridges the gap between complex streaming technologies and practical business requirements. With its robust architecture and intuitive management interface, ZtreamingEdge empowers technical teams to deploy sophisticated streaming capabilities without the traditional operational overhead.

Version 1.0

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Key Features

Application **Connectivity**

- Standard **REST API** for integration with third-party applications and services
- Simplified workflow automation and system interoperability

System Management

- Web-based interface for **configuration, monitoring, and administration**
- Real-time **system status and performance dashboards**
- **Secure access controls** for administrators and operators

Video Input Formats

Supports industry-standard streaming protocols:

- **HLS** (HTTP Live Streaming)
- **RTMP** (Real-Time Messaging Protocol)
- **RTSP/RTP** (Real-Time Streaming Protocol)
- **MPEG-TS** (MPEG Transport Stream)
- **SRT** (Secure Reliable Transport)

Recording Capabilities

- **Live stream recording** in MP4 format
- Configurable storage options for **archiving and playback**
- **Automatic file segmentation** for long-duration recordings

Continuous Operation

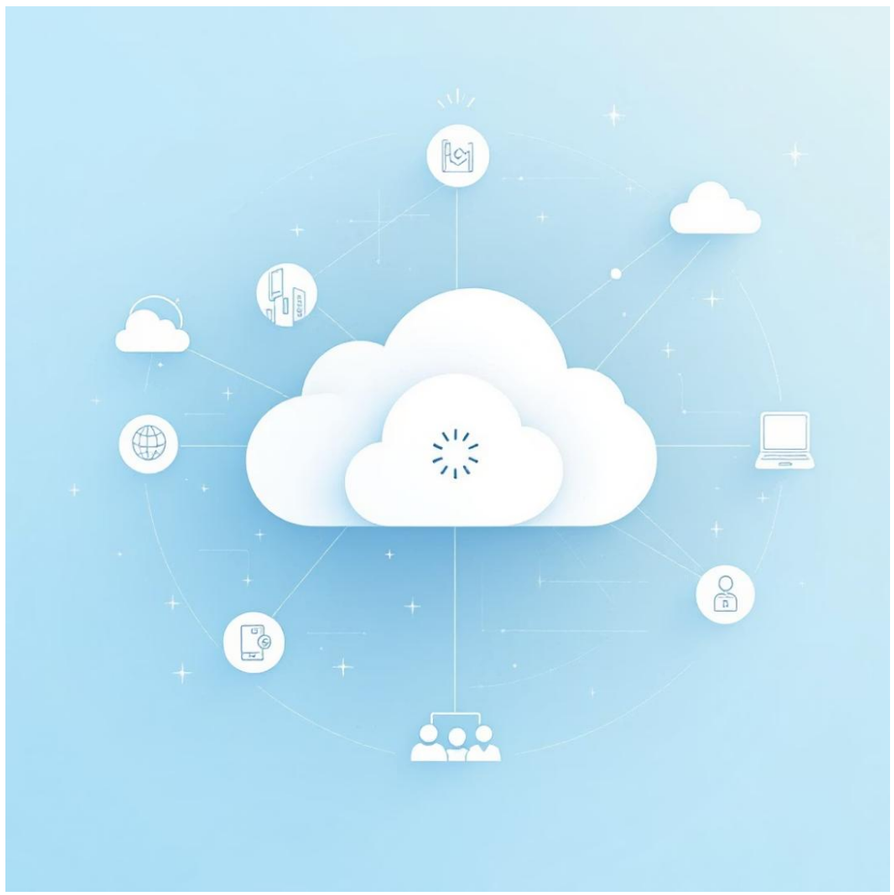
- Designed for **24/7 uninterrupted streaming**
- **High availability architecture** for mission-critical environments
- Robust error handling and recovery mechanisms

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Technical Specifications & Benefits

Technical Specifications

Protocols Supported	HLS, RTMP, RTSP/RTP, MPEG-TS, SRT
Recording Format	MP4 (with file segmentation)
Management	Web-based Dashboard with role-based access
API	REST API (JSON) for integration & automation
Availability	24/7 continuous operation, HA architecture
Deployment Models	On-Premise / Cloud / Hybrid



Easy Integration

Seamlessly connects with existing streaming infrastructure (Wowza, Cloudflare, etc.)

Centralized Management

Reduces operational complexity with a unified dashboard

Reliable Delivery

Ensures consistent, high-quality video streaming

Enterprise-Grade Scalability

Designed to handle large-scale enterprise and broadcast-level demands

Applications / Use Cases

Live Event Broadcasting

Sports, concerts, conferences

OTT Streaming Services

Broadcasters and media platforms

Enterprise Video Delivery

Corporate communication, training

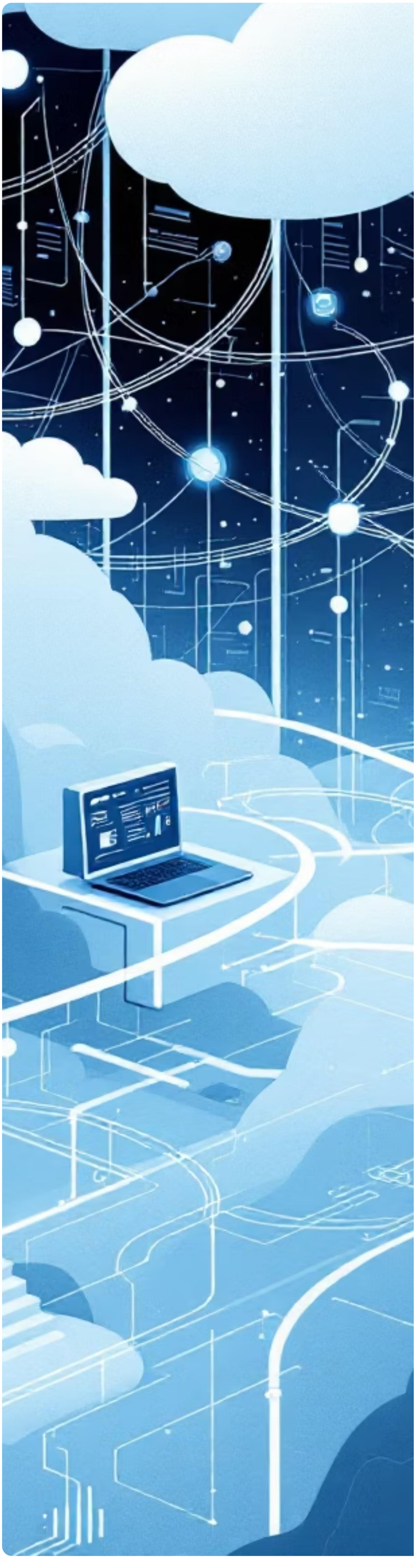
Education & E-learning learning

Online classrooms and hybrid learning

Government & Public Sector

Secure communication and public information delivery

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Why ZtreamingEdge?

Proven Expertise

Backed by Zealtech International Co., Ltd. with proven expertise in enterprise-grade solutions

Mission-Critical Ready

Built for **mission-critical operations** across industries and government sectors

Future-Ready Architecture

Supports Edge + Cloud deployment for flexibility and scalability

Localized Support

Customization and support tailored for regional requirements

"Stream Beyond Limits"

Seamless. Scalable. Secure.

Transform your streaming infrastructure with ZtreamingEdge Platform – the enterprise solution that delivers uncompromising performance, reliability, and ease of integration. Ready to power your next-generation streaming applications.

Ready to get started?
Contact our technical team to discuss your specific streaming requirements and discover how ZtreamingEdge can transform your video delivery infrastructure.

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