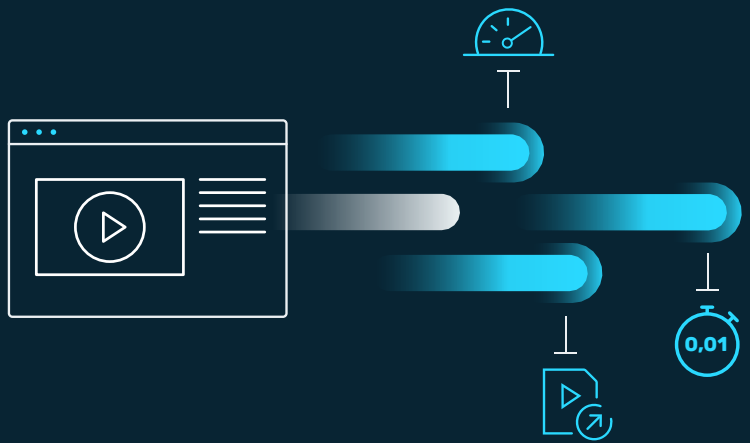


Myra Video Streaming



Users today expect to be able to access video content anytime, anywhere, in the best quality. Myra Video Streaming meets these expectations by adapting your streams in real time to changing bandwidths, network types and connection speeds. This allows you to deliver your video content worldwide quickly and in consistently high quality – whether live video or video on demand.

Benefit from full-service technology: Myra takes care of all the necessary steps for successful livestreaming on your behalf – including transcoding into different bitrates and formats, splitting streams into multiple audio and video channels as well as repackaging (transmuxing) for delivery as HTTP video stream. Myra provides pre-transcoded multi-bitrate videos as HTTP-based video on demand stream (VOD). The repackaging for device-dependent optimization of content takes place on-the-fly.

■ Demuxing / repackaging on-the-fly

Myra packetizes your video on request for HTTP-based protocols without caching, so you don't need storage resources for it.

■ Adaptive bitrate (ABR) streaming

For consistently high video quality, Myra dynamically adjusts the bitrate to changing transmission conditions.

■ Media compression

Myra supports common encoding formats such as H.264 (MPEG-4 AVC), H.265 (HEVC), VP8 and VP9 (NGOV).

■ Broad format support

Myra supports HTTP Live Streaming (HLS), Microsoft Smooth Streaming (MSS), Dynamic Adaptive Streaming over HTTP (DASH/MPEG-DASH), HTTP Dynamic Streaming (HDS) and various legacy formats.

WHY MYRA SECURITY?

Comprehensive certification

Our technologies, services and processes are regularly audited and certified to the highest standards.

Made in Germany

As a company headquartered in Germany, Myra is legally compliant with the GDPR.

Local 24/7 support

Get professional help from our IT experts from the Myra SOC (Security Operations Center).

This is how you and your users benefit from Myra Video Streaming



Easy implementation

Myra Video Streaming does not require any changes to your website, separate video players or plug-ins.



Cost savings

State-of-the-art transmission technology enables significant cost savings in bandwidth and data volume.



Smooth streams

Quality of service features such as automatic buffering or adaptive bitrate (ABR) guarantee smooth live and VOD streams without interruptions.



Consistent performance

Myra ensures consistently high-performance delivery of video content over the High Performance CDN, even for large-scale or live events.



High scalability

Bandwidth and storage space are almost infinitely scalable.

Supported protocols and formats at a glance

- **HTTP Live Streaming (HLS)**
for a wide range of devices based on iOS, Android, Windows and macOS
- **Microsoft Smooth Streaming (MSS)**
for Microsoft-based devices
- **Dynamic Adaptive Streaming over HTTP (DASH/MPEG-DASH)**
for JavaScript-based players and browsers with HTML5 Media Source Extension (MSE)
- **HTTP Dynamic Streaming (HDS)**
for devices running Adobe Flash Player and Adobe Integrated Runtime (AIR)

Benefit now from Myra Video Streaming

High-performance delivery of VoD content

- Transmuxing in real time saves storage costs
- Fast delivery of repackaged videos through automatic CDN caching
- Support for modern video on demand formats, such as HLS, MPEG-DASH, MSS, and HDS

Transmit live video interference-free

- Consistently high transmission quality with variable bit rates or resolutions and formats
- Automatic generation of streaming / MBR manifests
- Seamless integration with your digital asset management, DRM and video players

Seamless integration within Myra Application Security

Video Streaming is part of Myra Application Security and can therefore be individually extended with additional performance and security features. All solutions work seamlessly together and are conceptually aligned. These include:



DDoS Protection

Attackers use denial-of-service attacks to disrupt digital processes of companies and organizations. Myra DDoS Protection defends even highly complex attacks on your web applications and keeps them fully operational.



High Performance CDN

High speed, low latency, and flexible scalability: the demands on modern web applications are growing more and more. With Myra High Performance CDN you achieve a first-class user experience thanks to leading technologies.



Hyperscale WAF

Attackers target vulnerabilities in web applications to infiltrate vulnerable systems and manipulate, steal or delete sensitive data. The Myra Hyperscale Web Application Firewall (WAF) blocks malicious requests before they reach your servers.



Secure DNS

To ensure the resilience of critical web applications, name resolution protection is critical. The hardened Myra Secure DNS relies on leading technologies to protect your domains from cyber-attacks and ensure maximum performance. Entire DNS zones can be managed within the Myra secure infrastructure.



Deep Bot Management

About half of the world's web traffic is generated by bots. Myra recognizes bot requests by identifying them with a unique fingerprint. This allows you to respond optimally to each request, control automated requests precisely and improve the performance of your website.



Certificate Management

SSL/TLS ensures secure data transmission, unique authentication as well as data integrity and therefore more user trust. With Myra Certificate Management, you can automatically issue and manage SSL/TLS certificates (DV).



Analytics Data Lake

Comprehensive monitoring and reporting are essential to optimize web resources. Myra Analytics Data Lake allows you to retrieve, search and analyze log data in near real-time.



Multi Cloud Load Balancer

Low latency is critical for a first-class user experience on the Internet. Myra ensures it through ideal distribution of incoming requests, optimal load balancing across any number of backend servers, and reduced response times.



Push CDN

Move static elements of your website directly to the Myra Push CDN and benefit from geo-redundant high availability, enhanced performance and advanced resilience.

Industry-leading security, performance and compliance

- **BSI-KRITIS-qualified:** The BSI catalog includes 37 comprehensive criteria that DDoS providers must meet to qualify for the protection of critical infrastructure (“KRITIS”). Myra is one of the leading security service providers worldwide, meeting all 37 criteria.
- **Comprehensive certified quality:** ISO 27001 certification based on IT-Grundschutz, BSI-KRITIS certified, BSI C5 Type 2, DIN EN 50600 certified datacenters, PCI-DSS certified, IDW PS 951 Type 2 (ISAE 3402) audited service provider, Trusted Cloud
- **Special cluster for critical infrastructures:** GDPR-compliant, geo-redundant server infrastructure in Germany
- **Made in Germany:** full technical control, permanent development, 24/7 full service support

BSI-certified IT security

Myra Technology is certified by the German Federal Office for Information Security (BSI) in accordance with the ISO 27001 standard based on IT-Grundschutz. In addition, we are one of the leading security service providers worldwide to meet all 37 criteria set by the BSI for qualified DDoS protection providers. We are setting the standard in IT security.



ISO 27001 BSI zertifiziert
auf der Basis von IT-Grundschutz
Zertifikat Nr.: BSI-IGZ-0479-2021



PCI DSS
Certified



BSIG
KRITIS-qualifiziert



GDPR
compliant



BSI C5
TESTAT TYP 2



Trusted
Cloud
SERVICE 100%



ISAE 3402
IDW PS 951
TYPE 2



DIN EN 50600
zertifiziert
BETRIEBSSICHERES
RECHENZENTRUM

Certified by the Federal Office for Information Security (BSI) in accordance with ISO 27001 based on IT-Grundschutz | Certified in accordance with Payment Card Industry Data Security Standard | Qualified for critical infrastructure in accordance with §3 BSI Act | Compliant with (EU) 2016/679 General Data Protection Regulation | BSI C5 Type 2 | Certified Trusted Cloud Service | IDW PS 951 Type 2 (ISAE 3402) audited service provider | DIN EN 50600 certified datacenters

Myra Security is the new benchmark for global IT security

Myra monitors, analyzes and filters malicious Internet traffic before virtual attacks cause any real damage. Our certified Security as a Service platform protects your digital business processes from multiple risks such as DDoS attacks, botnets and database attacks.



Bundesministerium
für Gesundheit



ITSG



msc
Munich Security
Conference



Barmenia
EINFACH. MENSCHLICH.



DSV IT Service



BZgA
Bundeszentrale
für
gesundheitliche
Aufklärung



BIOSCIENTIA
MEDIZIN. LABOR. SERVICE.



Liechtensteinische
Landesbank 1861

Made in Germany



Myra Security is the new benchmark for global IT security.

German technology manufacturer Myra Security offers a certified Security as a Service platform to protect digital business processes.

The smart Myra technology monitors, analyzes and filters harmful Internet traffic before virtual attacks can cause real damage.

Request an individual security analysis now

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