Edupool
Services for publishers
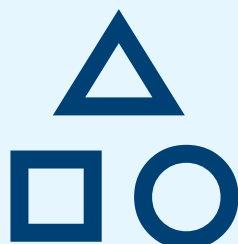
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edupool

Edupool – Medien und Apps für
den digitalen Schulunterricht.
Ein Angebot der Antares Project.

Edupool at a glance

Antares is an IT service producer specialising in solutions for the procurement and delivery of media, applications and artificial intelligence for school education.

With Edupool, our core product, we provide German federal states with the infrastructure to host and manage media libraries for schools. The media libraries are run by the federal states in their own name and are made available to school authorities, schools, media centres and teachers.

The Edupool catalogue contains 100,000 products from publishers and publishers and serves as a source of content for school media libraries in all 16 federal states. There are also media libraries in Switzerland and Austria, as well as independent public schools, that run on Edupool. We also operate the Edupool Marketplace at www. edupool.de, a public catalog of media specifically curated for school use.

Edupool meets the needs of both content publishers and schools by offering a range of services such as licensing solutions, administration tools, single sign-on, usage analysis, hosting and streaming services, as well as purchasing and payment options such as pay-per-use, pre-paid or Edupool Credit.

Our focus is to provide the best possible service to supply the public education system with content and applications for digital learning. The following services are available to all publishers to easily and efficiently integrate their products into the school media libraries, the Edupool marketplace and ultimately into the classrooms of all 16 federal states.

You can find information about the relevant regulations for the use of Edupool in our current terms of use at www.edupool.de.

Edupool Publisher Account

The Edupool Publisher Account is the core service package designed for suppliers of educational media and applications. As a multi-channel account, it allows publishers to deliver their products seamlessly to all associated school media libraries, schools, and educational institutions from a single source.

With the Edupool Publisher Account, publishers can list their products in the Edupool catalogue and upload media, while independently completing agreements with federal states, school authorities, or other educational institutions. Edupool ensures that teachers and students can easily access and use content while adhering to the publisher's licensing and budget conditions.

The Edupool Marketplace serves as a discovery tool for educational institutions, teachers, parents, and students. It is the most complete and user-friendly catalogue of educational content and applications from trusted suppliers, providing a valuable resource for information and procurement. For suppliers, the Marketplace enhances visibility, builds trust, and extends reach within the educational community.

Core services

The Edupool Publisher Account includes the following services:

1. Product catalogue

Publishers build their product catalogue in Edupool by listing all products they wish to license and deliver to schools, including textbooks, courses, multimedia content, videos, apps, and other educational resources. Publishers can easily add comprehensive product information, creating a user-friendly and searchable catalogue that enables teachers, school authorities, and other users to find, access, and utilize the resources they need.

2. Product upload and hosting

The product upload feature allows publishers to upload their educational content directly to the Edupool platform—whether to state media libraries or the Edupool Marketplace—and independently update it as needed. This ensures that teachers and their classes always have access to the latest version on their virtual classroom shelf. Content is securely stored on Edupool's infrastructure for educational materials and delivered reliably to end users through our high-performance CDN. As an education partner of Deutsche Telekom, Edupool operates on the Open Telekom Cloud (OTC), meeting rigorous standards for data protection, security, and nationwide performance and availability.

3. Edupool Marketplace placement

The base version of the Edupool Publisher Account includes listing products in the Edupool Marketplace catalogue, making them visible in relevant search results and category listings on www.edupool.de. Users can explore each product further on dedicated product pages. This version does not include a purchase function. An optional extension is available that allows users to be redirected to the producer's shop for purchasing.

Extensions

A range of additional services can be added to the Publisher Account. These enable extensive e-commerce integration and represent different usage alternatives.

The producer can choose their preferred option for the following services:

Sales process
The producer sells their products themselves, e.g. via their own website or uses Edupool's sales process.

Hosting
The producer can choose whether the licenced product is hosted on Edupool or, alternatively, integrated via single sign-on and hosted by themselves.

The Edupool publisher account provides access to the following additional services:

1. Activation codes

Activation codes allow publishers to distribute digital product licenses through unique codes that users can redeem. This method ensures secure access to digital content, guaranteeing that only authorized users can unlock and use paid products. It is a reliable way to control access and protect digital offerings.

Publishers can batch create activation codes for product licenses in advance, or generate them on-demand via our license API at the point of purchase.

Once activation codes are created, they can be distributed via the publishers own channels, e.g. via QR codes on physical cards or by emailing them as links. When teachers or learners redeem the codes, the media appear on their virtual shelf in the Edupool media library, to be used in accordance with the respective licence. Codes generated via our license API can be sent directly to the buyer through the publishers own fulfilment mechanism.

Edupool thereby offers the simple and flexible allocation of rights, and ensures that the licence agreements between the educational institutions and the publishers are adhered to.

2. Single-Sign-On

Edupool's Single Sign-On (SSO) feature, utilizing the OpenID Connect protocol, allows apps hosted on a producer's own infrastructure to be accessed directly within connected media libraries. This means users do not need to log in again. Implementing the OpenID API for SSO is essential for app publishers who want to provide a seamless, secure experience and reach a broad range of school audiences efficiently. Licence management and user administration are automated. It will be easy for teachers and students in Germany to find and use the apps.

3. Analytics

Analytics offers valuable insights into how your content is being utilized. Beyond basic metrics, it provides detailed sales analyses, enabling you to track revenue and assess the performance of your products. With Analytics, you can identify trends, measure the effectiveness of strategies, and make informed, data-driven decisions for your content strategy. The revenue reporting feature integrates transaction data across media libraries and the marketplace, giving you a clear view of which products are performing well and which may need more attention or pricing adjustments.

4. Helpdesk

In addition to our standard email helpdesk and online knowledge base, extended helpdesk offers personal telephone support Monday to Friday, 09:00 to 17:00 CET (Excl. public holidays in Schleswig-Holstein).

Extended Helpdesk for Edupool Publisher includes service level agreements for all relevant performance parameters.

5. Delivery via CDN and Adaptive Streaming

Adaptive streaming is a technology used in content delivery networks (CDNs) that adjusts video quality based on the user's internet connection, ensuring smooth playback with minimal interruptions, regardless of data speed or device capabilities.The video is encoded at multiple bit rates, allowing for different quality levels. As a user streams, the CDN software dynamically adjusts the video quality in real-time to match their internet speed, providing the best possible viewing experience.

Edupool's CDN incorporates this technology to ensure high-performance delivery of all content hosted through Edupool.

6. Subtitles and translation

Subtitling and translation involve adding subtitles to visual content, serving as an effective tool to address the diverse needs of school classes and promote inclusion. Subtitles enhance content comprehension and provide valuable support to teachers by lightening their workload. Additionally, publishers can opt for translation services, allowing educational content to be translated into multiple languages, further broadening its accessibility and usefulness.

7. Redirection to the producer shop

The redirect feature takes users from the product page in Edupool Marketplace to the producer's website for purchasing. All financial transactions, including ordering, payment, and checkout, are handled through the producer's own system, within their online shop, and under their own brand.

Redirection can be combined with the Edupool License API to easily generate activation codes, which can be sent to customers for redemption in their Edupool account.

For a more advanced integration, a "round-trip" experience can be specially configured. In this setup, license information is transmitted back to the customer's Edupool account after a purchase is made in the publisher's online shop, making the licensed content immediately accessible through Edupool.

8. Checkout

The Marketplace checkout with payment provides publishers an alternative way to sell educational media directly through the Edupool Marketplace, bypassing the need for their own online shop. The Edupool Marketplace shopping basket ensures a secure and efficient checkout process, supporting popular payment methods like credit cards and PayPal.

9. Edupool Credit — prepaid transactions

Edupool Credit is a flexible budgeting system that allows users to access content and apps on a prepaid basis, eliminating the need for separate payment transactions each time. It streamlines the payment process for both users and publishers, making it especially useful for those who frequently use Marketplace offerings. By reducing the need for multiple individual payments, it simplifies budget management and enables faster access to services, as credits can be redeemed immediately without additional payment authorization steps.