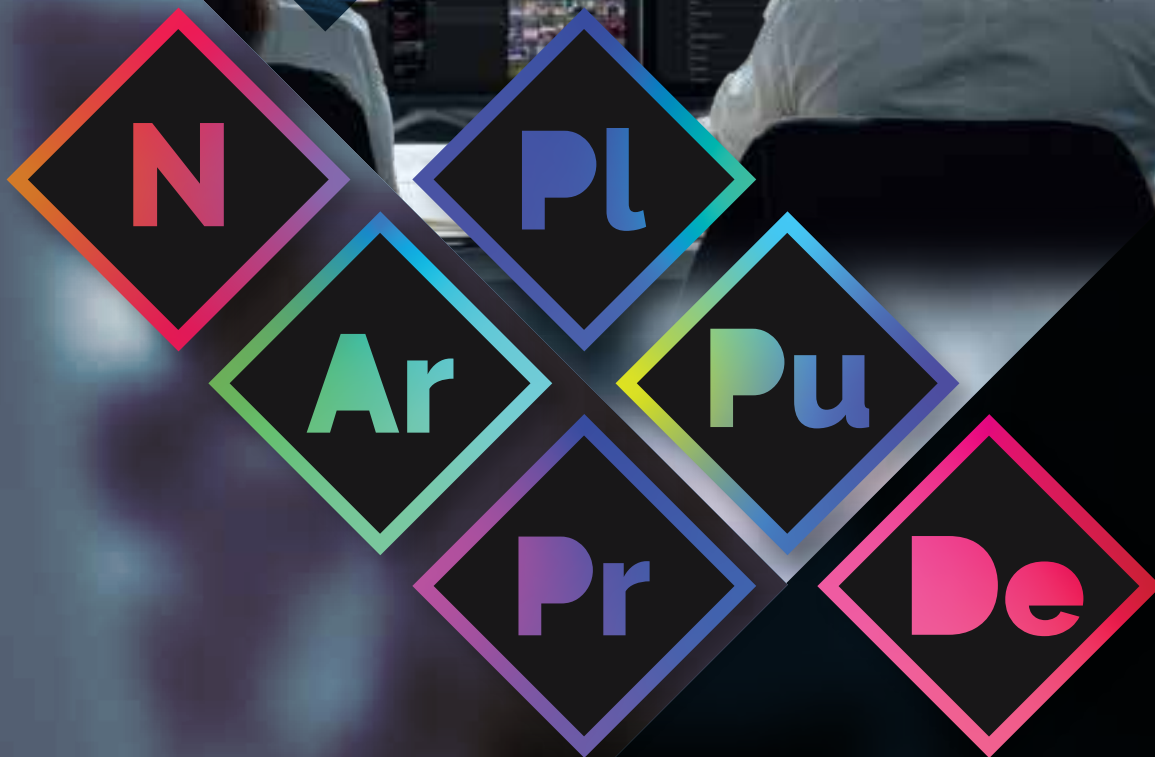




X-DREAM-FABRIK

pre-designed, pre-integrated, pre-configured
and managed end-to-end solution
for the media industry

X-DREAM-FABRIK END-TO-END SOLUTION

x-dream-Fabrik is a pre-designed, pre-integrated, pre-configured and managed end-to-end solution for the media industry. Thanks to its unique UI and microservices architecture it covers the complete business process from content production to post-production, asset management, story creation to playout, publishing, sales and distribution.

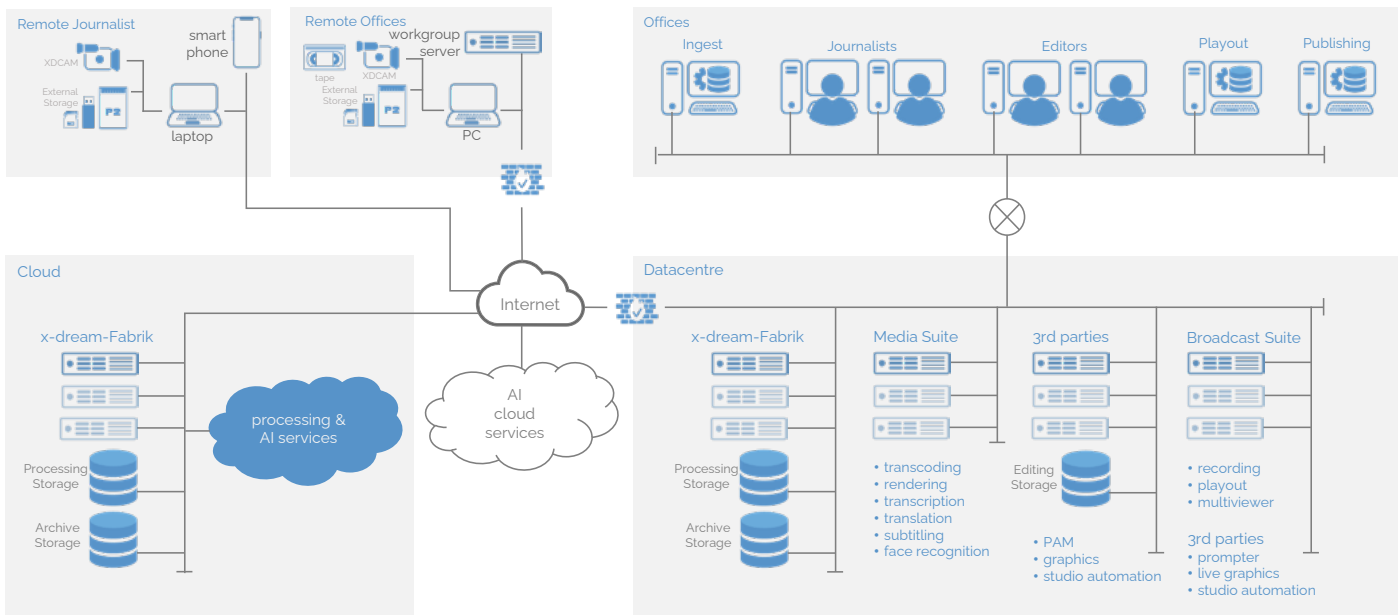


x-dream-Fabrik is a ready-to-go platform with a clear licensing model. It runs on-premises, in public or private clouds or hybrid.



- ◆ POSTPRO – distributed & collaborative post-production
- ◆ ARCHIVE – hybrid but integrated asset management
- ◆ DELIVER – essence + metadata aggregation & delivery
- ◆ PLAYOUT – content scheduling & stream encoding
- ◆ PUBLISH – content publishing on social media & web channels
- ◆ NEWS – research, editorial processes, story writing & publishing

x-dream-Fabrik hybrid deployment



Innovative User Interface

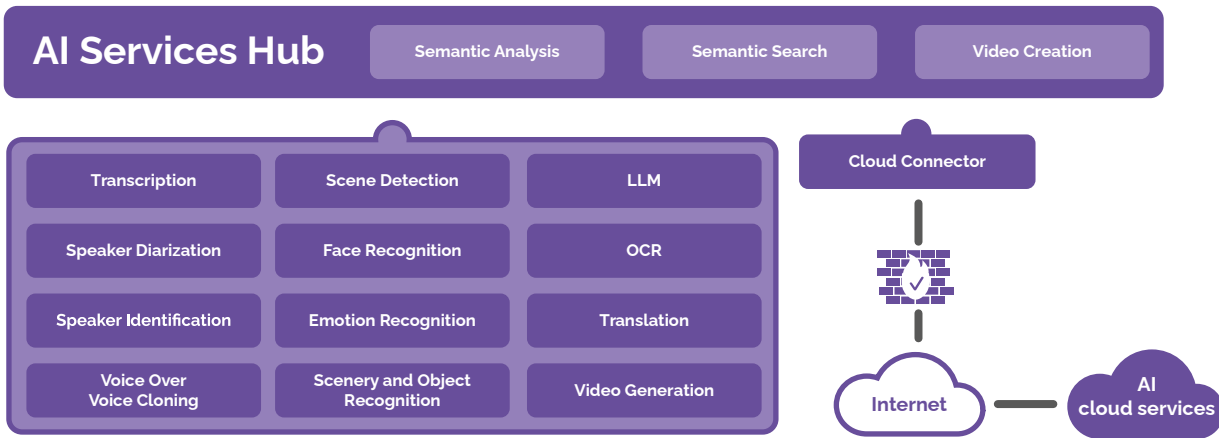
x-dream-Fabrik unifies all functionality in a single view, adapting to each user's role, permissions, and tasks. Customizable workspaces and intuitive drag-and-drop features reduce reliance on action buttons, creating a streamlined and user-friendly experience.

Innovative Architecture

Built on an Enterprise Service Bus and microservices, x-dream-Fabrik delivers scalability, redundancy, and flexibility by design. It supports distributed and hybrid cloud environments, provides a graphical workflow editor, and integrates seamlessly with third-party tools. Autonomous modules, each with their own front end, scripts, workflows, and back-end services, enable efficient, tailored business processes without extensive development.

Built-in AI services

x-dream-Fabrik integrates AI directly into workflows, supporting story research and script creation, semantic metadata enrichment, contextual media search, translation and transcription, as well as speaker, text, object, and scenery recognition. AI-powered content adaptation and video creation enable efficient delivery for TV, web, and social media.



Innovative Data Structures

x-dream-Fabrik uses a unique data structure that stores metadata as JSON within a traditional SQL database, enabling seamless integration and migration. This approach allows existing MAM data to be imported without conversion, provides flexible search capabilities through Elasticsearch, and supports complex asset structures. The MAM asset structure allows an arbitrary number of container layers. By default, the typical three-layer structure for series, seasons, and episodes is configured. The system's format-agnostic approach to video, audio, images, and subtitles, combined with its AI integration, enhances its versatility for a wide range of media projects.

Flexible Configuration

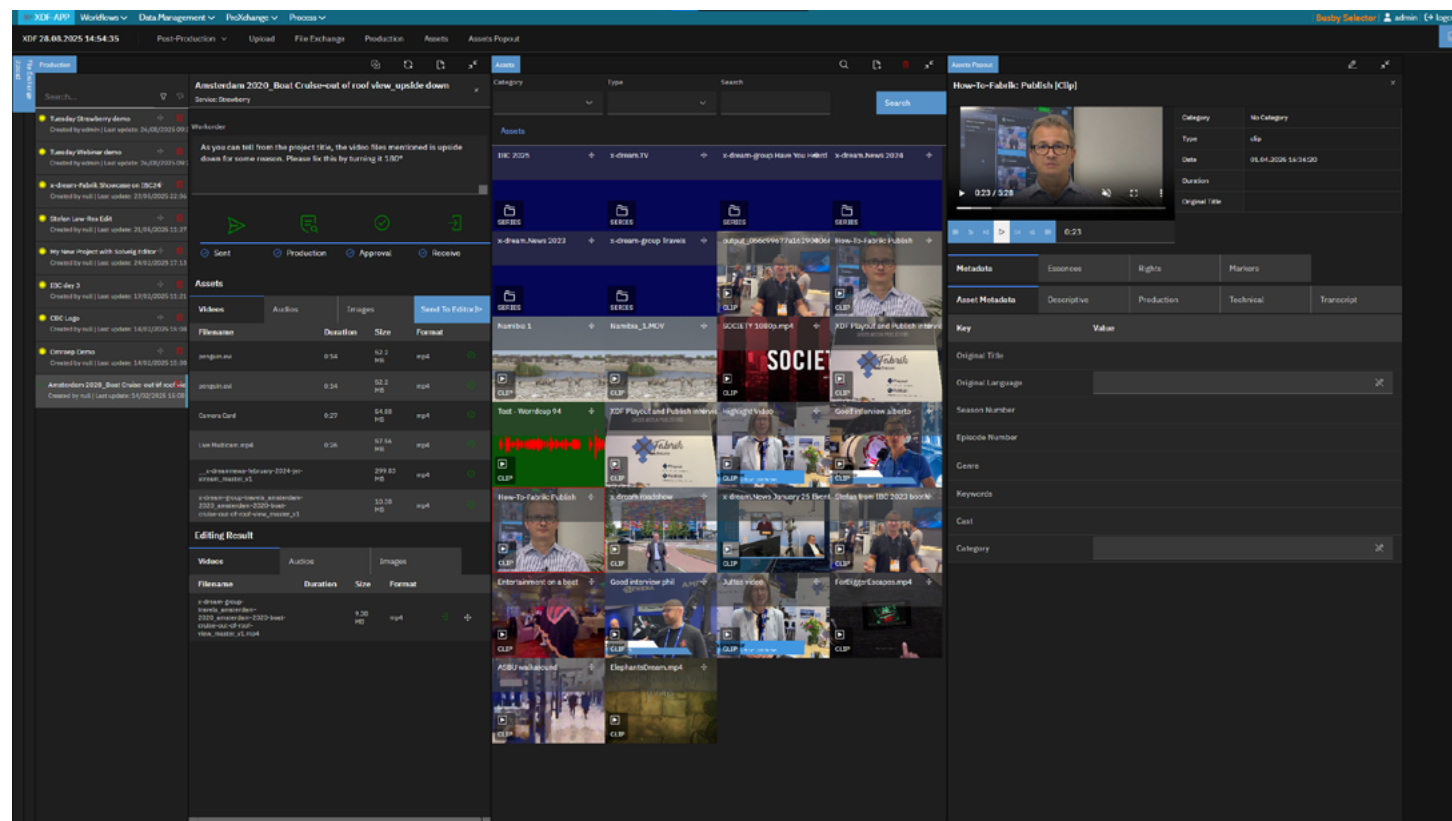
x-dream-Fabrik offers extensive configuration options, empowering customers to tailor the system to their specific needs. Users can customize interface layouts, labels, and metadata structures, enabling multilingual and role-based access. Workflows and job monitoring can be configured to align with specific processes and team structures, ensuring that the platform adapts seamlessly to a wide range of operational requirements.

POSTPRO



distributed & collaborative post-production solution

x-dream-Fabrik **POSTPRO** is made to create media assets from newly uploaded or archived material. Sources are collected centrally and made available to the editing seats on-premise or at home. Edited essences need to be approved and then forwarded to the publication systems.



USE CASES

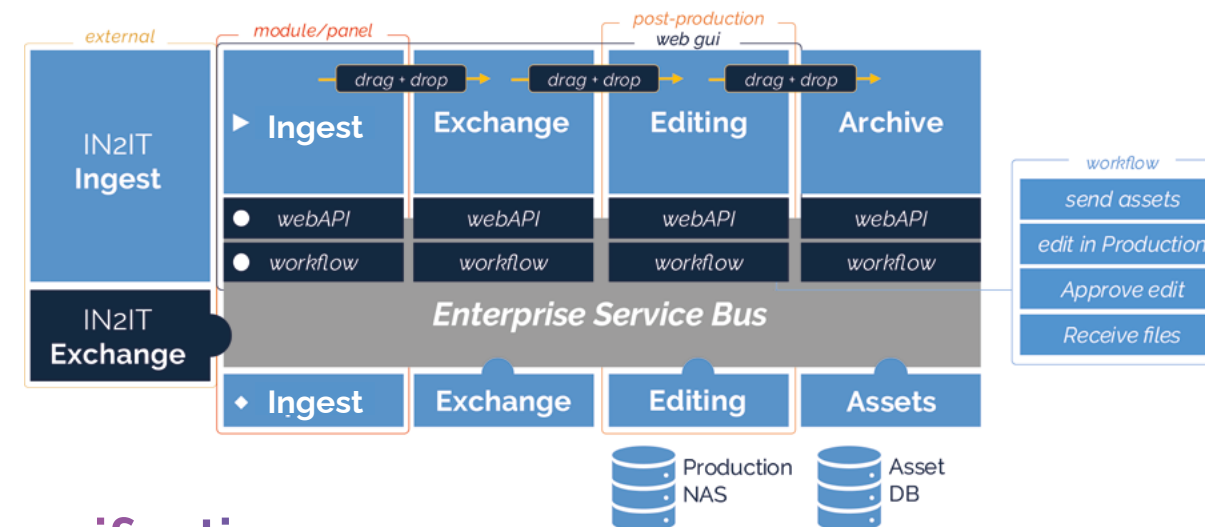
- Collaborative post-production
- Cloud & remote editing
- Content localisation

POSTPRO integrates x-dream-Fabrik's Upload and PostPro modules and can be combined with modules like Record, Ingest, and PROexchange, as well as with Archive for media management and PUBLISH, DELIVER and PLAYOUT for output.

POSTPRO works with or without a PAM: The PostPro module can directly manage the editing storage and project structures. It can send and collect video, audio, graphic and other files. For a tight workorder integration incl.

approvals panels for Adobe Premiere Pro and Grass Valley Edius are provided. Alternatively a browser-based editor enables fast, basic video, audio and graphics editing, including transitions and voiceover. **POSTPRO** seamlessly connects x-dream-Fabrik with a PAM system, streamlining the entire post-production workflow. It creates projects and workorders, transfers media to editing storage and tracks progress through editing and approval to the finished result.

POSTPRO



Specifications

PAM Integration:

Creates editing projects and workorders, transfers media to editing storage and tracks the post-production workflow. Integrated with AVID, EditShare, Projective and Grass Valley.

Flexible Workflows:

Supports PAM-based workflows or direct handover to editing-seat storage when no PAM is required.

Supports editing software:

Premiere Pro, Edius, Media Composer, Da Vinci Resolve and Final Cut Pro.

Other x-dream-Fabrik products to explore ...



ARCHIVE



PUBLISH



DELIVER



PLAYOUT



NEWS

Browser-Based Editing:

Provides basic multi-level video, audio and graphics editing, including transitions and voiceover.

Workflow Tracking:

Displays job states from file transfer and editing through approval and return transfer.

Approval:

Provides an approval step where the PAM has none, using a dynamically generated low-resolution browsing file.

Metadata & Storage:

Manages editing jobs and metadata without storing video files. Media is held temporarily and can be forwarded manually or automatically after confirmation.

Cleanup:

Manual or automatic cleanup frees storage at PAM and temporary locations.

Job Overview & Search:

Shows post-production jobs, workorder text, status and exchange files, with searchable jobs.

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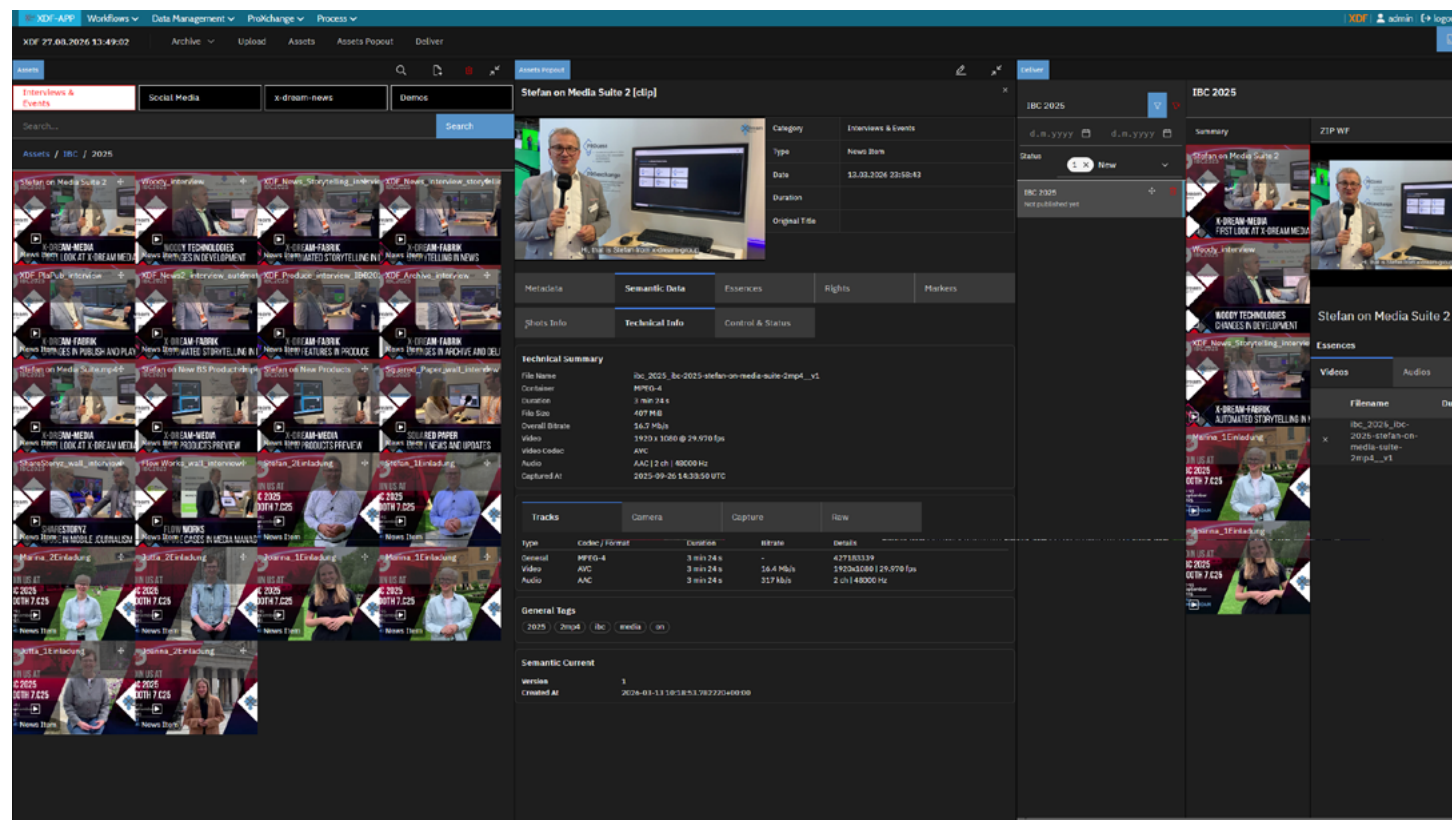
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ARCHIVE



remote or hybrid archive asset management solution

x-dream-Fabrik **ARCHIVE** aggregates, manages and delivers your media assets to your customers, either B2B or B2C. ARCHIVE helps you monetize your content by ensuring it is easily accessible and always ready for sale.



USE CASES

- Production archive at broadcasters and publishers
- Content delivery from producers to customers
- Archive in public sector (libraries, governments, universities, etc)

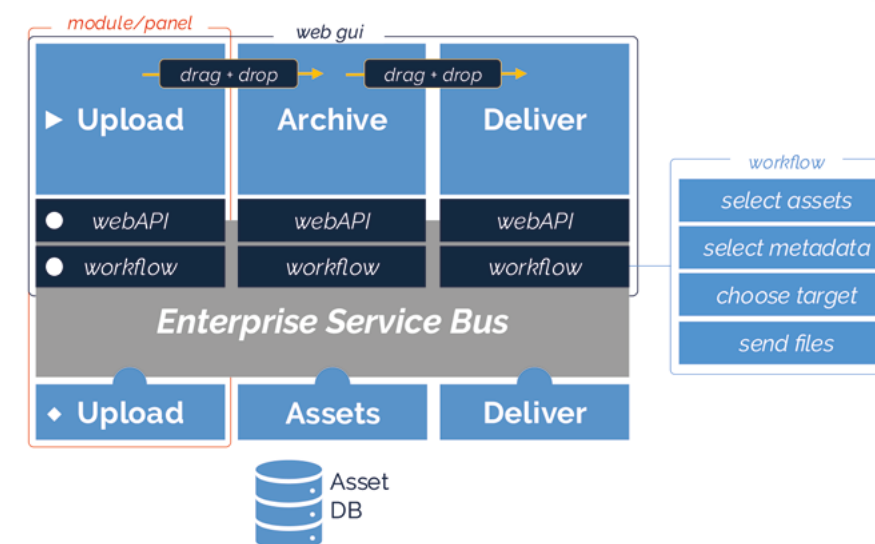
ARCHIVE integrates x-dream-Fabrik's Upload and Archive modules and works with source modules like Record, Ingest and PROxchange, as well as with post-production via PRODUCE and output products like PUBLISH, DELIVER and PLAYOUT.

ARCHIVE manages media assets, including videos, audio, proxies, subtitles and metadata. It supports various file types and enriches metadata through automatic imports,

AI and manual editing, enhancing searchability and monetization. Built-in AI handles transcription, translation, and speaker, text, object and scenery recognition, and powers automated semantic metadata enrichment and contextual search across your entire media library.

The system creates browsing proxies, thumbnails, audio versions, subtitles and technical delivery versions from master files.

ARCHIVE



Specifications

Built-in Media Player:

Displays browsing proxies by default, but can play other audiovisual essences. Features include trimming, marker setting (e.g. for ad insertion), subtitle display and timed metadata manipulation.

Nested Content: Organizes assets in a three-level hierarchy for series or other content types. More levels can be added on request, simplifying content management.

Essences Management:

- Video: handles master and derived versions like director's cuts or trailers.
- Audio: manages language versions, soundtracks and dialogue tracks.
- Subtitles: provides subtitles in various languages as separate files.
- Pictures: delivers artwork like cover images, series and chapter pictures.

Metadata Delivery:

- Descriptive: includes structured (title, genre,

release date) and unstructured (synopsis, actors) metadata.

- Business: automates publishing with data on rights, business models and pricing.
- Technical: covers parameters like format, codec, resolution and bitrates.

Control Data: manages publishing schedules and approval for content distribution.

Other x-dream-Fabrik products to explore ...



POSTPRO



DELIVER



PLAYOUT



PUBLISH



NEWS

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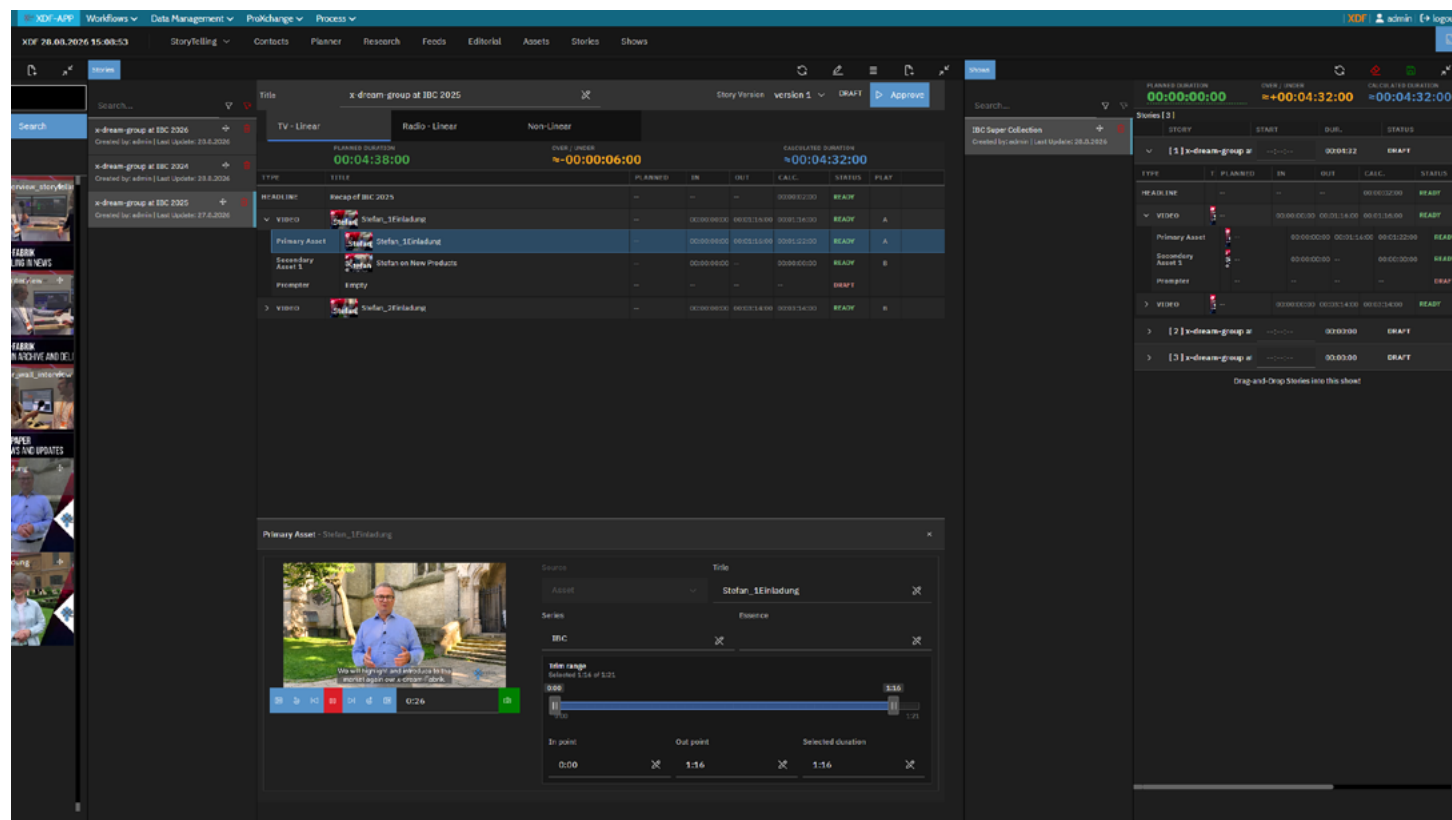
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NEWS



storytelling for linear production and cross media publishing

x-dream-Fabrik **NEWS** implements the complete media business processes for cross-media news production and publication – from information research to consumption reporting. It provides tools for every role and task on a single platform, operated through one graphical user interface.



USE CASES

- Editorial research in big teams
- Cross media story creation
- Online and social media storytelling
- News show production

x-dream-Fabrik's **NEWS** offers a comprehensive, all-in-one platform for managing the entire news production lifecycle.

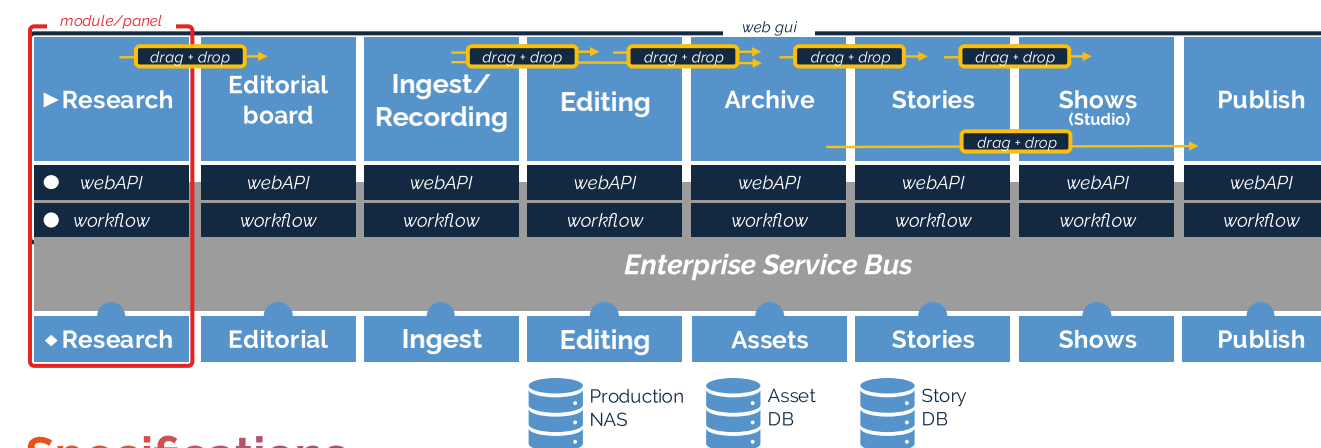
It features modules for Planner, Story Monitor, Research, Editorial Board, Upload, Production, Archiving and Storytelling, with optional modules for Workorders, Shows, Publishing, Interaction and Statistics.

NEWS is enhanced by a full suite of AI capabilities that support every stage

of production: AI-assisted story research and script creation; automated semantic metadata enrichment; contextual search across your media library; translation, transcription, and speaker, text and OCR; intelligent content adaptation for TV, web and social media; AI-powered video creation within existing workflows.

It is designed for ease of use, featuring an intuitive drag-and-drop interface with a clean and streamlined look.

NEWS



Specifications

The **Contacts** module helps researchers, editors and journalists to store and find contacts that are used for information gathering.

The **Research** module accelerated by AI allows researchers, editors and journalists to store and find editorial information not yet related to a story.

The **Feeds** module helps editors and journalists to screen and research infonews feeds from external sources.

The **Upload** module is the default tool to import media files (video, audio, pictures,

etc.), ancillary data (subtitles, transcripts, etc.) or any other related files (script, dialogue scripts, calculations, etc.) into x-dream-Fabrik.

The **Post-production module** acts as a bridge between x-dream-Fabrik and a Production Asset Management (PAM) System.

In the **Editorial Board** information received from various sources is aggregated, sorted, viewed, reviewed and finally evaluated.

In the **Storytelling** module, a story is created and filled with information (text, picture, audio, video,

voice over), structured for each publication channel, with AI-powered video creation and content adaptation for TV, web and social media.

In the **Live Shows** module, the structured rundown for a complete show is composed from individual stories and standard elements like openers and closers.

The **Archive module** acts as the central media asset repository. Supports integration with studio environments.

Other x-dream-Fabrik products to explore ...



ARCHIVE



POSTPRO



DELIVER



PLAYOUT



PUBLISH

X-DREAM-FABRIK

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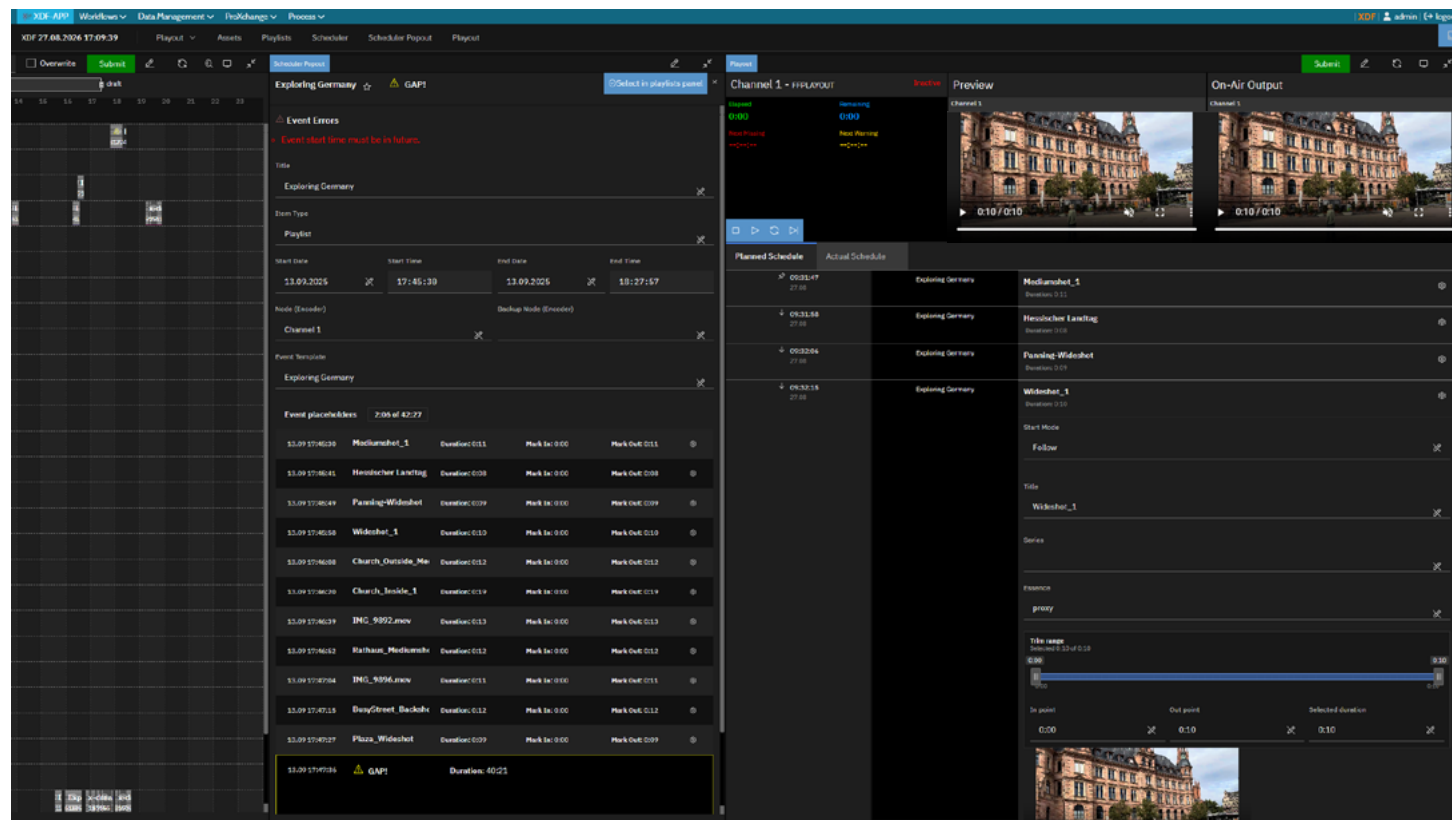
Höhenkirchener Straße 134
85662 Hohenbrunn/Munich
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PLAYOUT



content scheduling and stream encoding solution

x-dream-Fabrik **PLAYOUT** is built to monetize your archive content through live programming — for individual media assets as well as series, seasons and episodes. PLAYOUT combines linear program scheduling, live playout and program monitoring.



USE CASES

- Event channels, e.g. sports, news, entertainment
- Regional TV channels
- FAST channels
- Special interest channels

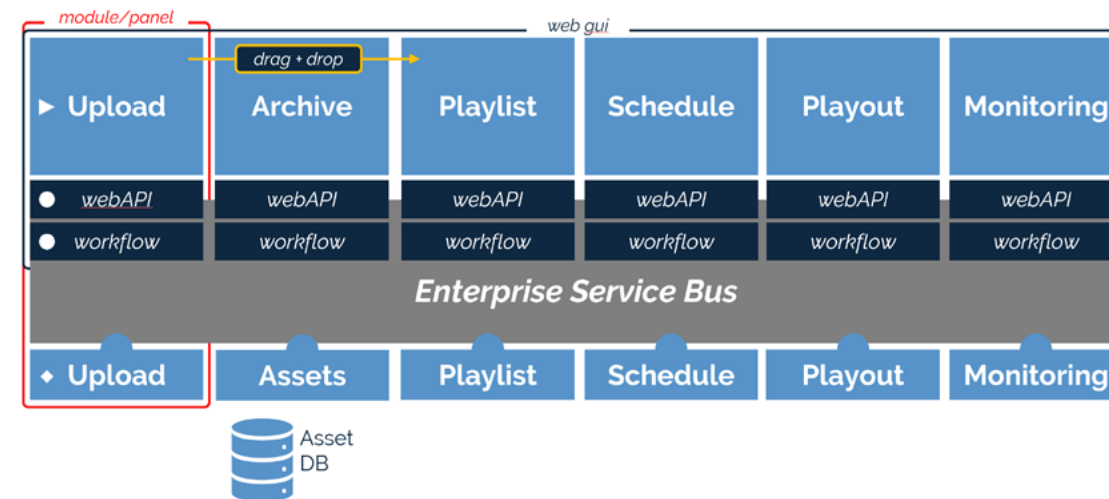
PLAYOUT lets you manage and deliver your own TV channel, monetizing archive content and integrating live sources. It uses playlists for 24/7 scheduling, enabling easy content reuse and simple management of loop channels.

Playlists can include video assets, live sources or placeholders — ideal for late-stage ad bookings or upcoming program elements. The system supports automated or manual schedule creation, handling multiple channels from one single interface,

with AI-driven content adaptation keeping every stream ready for TV, web and social media alike. For events, templates streamline timing, sources and overlays, ensuring flexibility and quality.

Playout can be automated or operator-controlled, adapting to program changes or live conditions. Multiple engines deliver streams via IP, SDI, NDI or SMPTE 2110, with options for redundancy. A built-in multiviewer monitors the return signal and other station programs.

PLAYOUT



Specification

Scheduling Features

- Playlist creation based on video essences, live sources and placeholders
- 24/7 schedule creation or event job creation
- Logo insertion, timed
- Lower third overlay, timed

Playout Operations Features

- Skip & jump
- Replace content
- Trim content
- Overlay selection

AI-Powered Delivery:

Intelligent content adaptation automatically prepares streams and playlists for TV, web and social media distribution.

Available Playout Engines

- FFPlayout
- Skylark
- AWS Elemental Live
- Capella Cambria Live
- Squared Paper Basby

Supported File Formats

- Any, format and video standard agnostic

Available Delivery Methods

- RTMP
- SRT
- WebRTC
- SMPTE 2110

Other x-dream-Fabrik products to explore ...



ARCHIVE



POSTPRO



DELIVER



PUBLISH



NEWS

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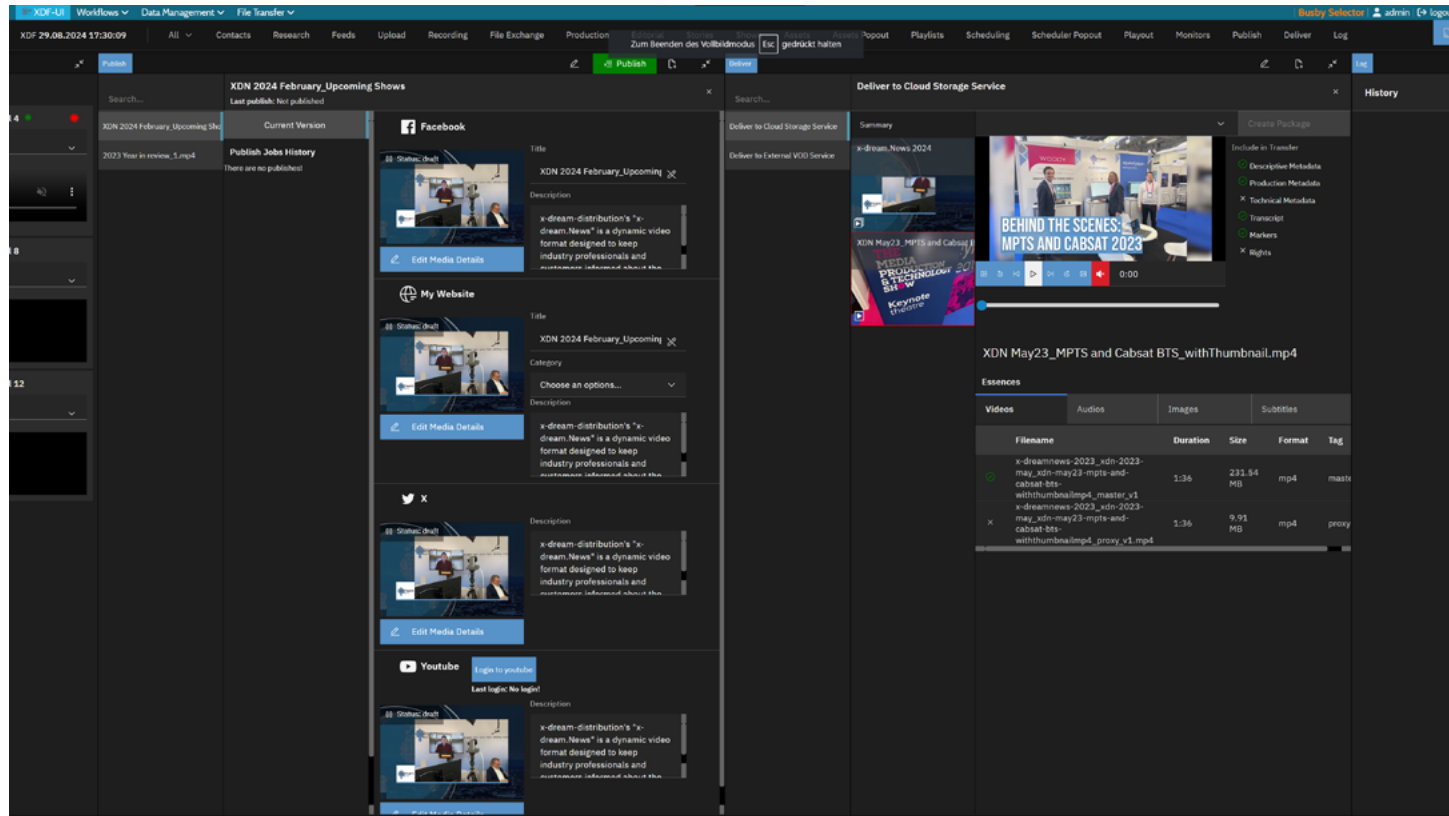
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PUBLISH



content publishing on social media & selected channels

x-dream-Fabrik **PUBLISH** is built to publish your stories. PUBLISH brings your asset or non-linear story — video, audio, subtitle and picture essences, enriched with editorial text — straight to social media platforms or your own websites.



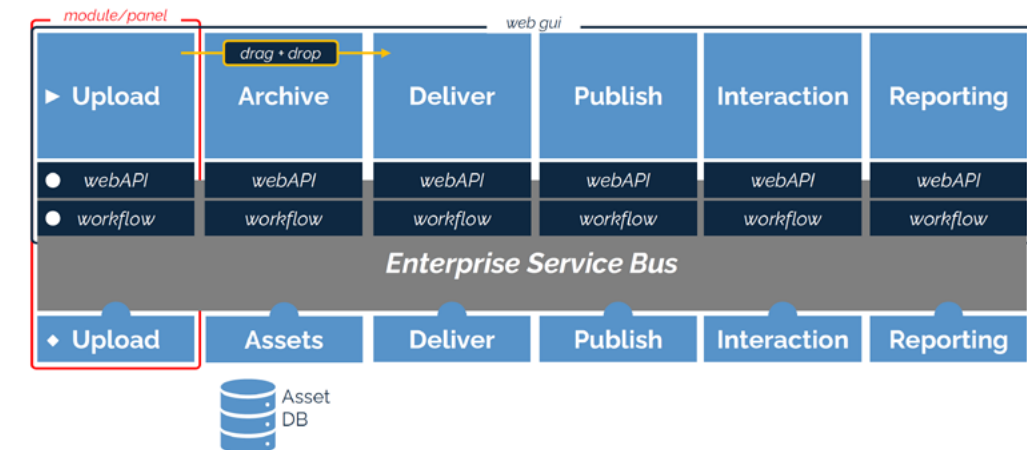
USE CASES

- Preparing and delivering content to online video platforms
- Preparing and delivering content for social media

PUBLISH consists of the x-dream-Fabrik modules Upload, Archive and Publish, with an intuitive drag-and-drop interface and a streamlined design. Fully integrated and pre-configured, PUBLISH is scalable and redundant, built on a microservices architecture for reliability and growth. PUBLISH streamlines your content distribution. It handles incoming content and workorders, seamlessly aggregating video, audio, subtitles, artwork and metadata.

It manages online video assets and prepares them according to OVP or social media specifications, with built-in AI for subtitling, translation, trailer editing, and speaker, text, OCR — plus intelligent content adaptation that tailors each asset for TV, web and social media automatically. It delivers asset packages to platforms, supports interaction with platform users and provides detailed usage statistics per platform, enabling informed decisions for optimal content performance.

PUBLISH



SPECIFICATION

Publication Package Elements

- Video essences
- Audio essences
- Subtitle essences
- Picture essences
- Title
- Description
- More descriptive metadata: structured metadata (genre, (sub) categories, creation year, release date, age rating, etc.), unstructured metadata (synopsis, directors, actors, locations, etc.).

Other x-dream-Fabrik products to explore ...



ARCHIVE



POSTPRO



DELIVER



PLAYOUT



NEWS

AI-Powered Publishing:

subtitling, translation, trailer editing, and speaker, text, OCR, intelligent content adaptation for TV, web and social media.

Available Processing Engines

- Transcoding
- Quality Control
- Transcription
- Translation

Available Delivery Targets

- Integrated Video Portal
- Online Video Platforms
- Facebook

- Instagram & Threads
- LinkedIn
- X/Twitter
- TikTok
- Pinterest
- Twitch
- Bluebox
- YouTube
- Google

Online Video Platforms:

- Direct API integration
- File transport via sFTP or File Catalyst, on request: Aspera, Signiant

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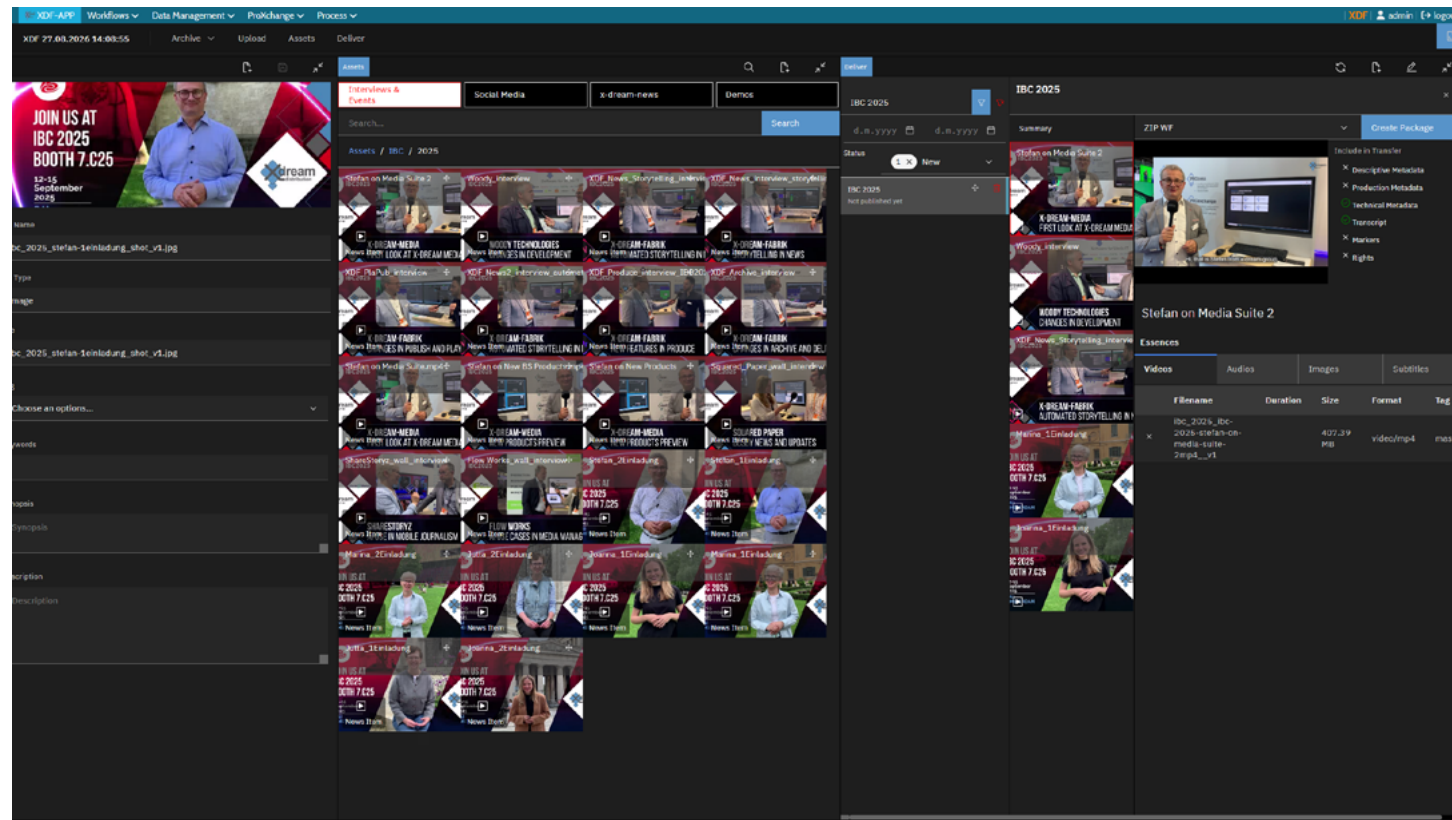
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DELIVER



essence + metadata aggregation & delivery solution

x-dream-Fabrik **DELIVER** is made to monetize your content via 3rd party platforms. DELIVER aggregates media essence files (video, audio, subtitles, pictures) and different types of metadata into an asset package ready for publishing or playout.



USE CASES

- Delivery to primary customers
- Monetization of stock content
- Online video asset package preparation
- Ingest or delivery to broadcasters and OVPs

DELIVER automates the monetization of your archive content, whether it's individual media assets or entire series.

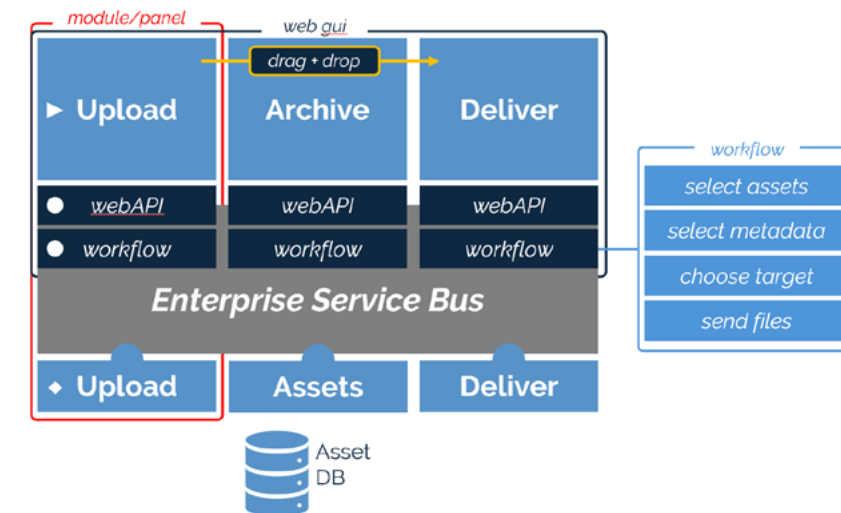
The process starts by setting up the delivery job, defining technical targets and selecting the necessary essences and metadata.

Content is then transferred from the archive via drag-and-drop, with the system automatically packaging the correct files.

Any missing elements are flagged for manual and AI-supported handling.

For complex content, like series or sports, assets are organized in a three-level hierarchy, enabling large-scale packaging in a single action. Various essences – video, audio, subtitles, pictures – along with descriptive, business, and technical metadata, are automatically processed and delivered. Control data ensures precise scheduling for publishing and unpublishing.

DELIVER



Specifications

Asset Package Elements

- Video essences
- Audio essences
- Subtitle essences
- Browsing Proxy
- Picture essences: thumbnail, cover picture, series & season picture, episode picture, chapter picture, scrubber board
- Series, season, episode
- Descriptive metadata: structured metadata (title, genre, (sub)categories, creation year, release date, age rating, etc.),

unstructured metadata (synopsis, description, directors, actors, filming locations, etc.).

- Business metadata: OVPs, content rights, business models, pricing, etc.
- Technical metadata: format, codec, resolution, framerate, frame mode, bitrates, sampling rates, bit depth, etc.

Available Delivery Targets

- Production customers
- B2B content customers
- Online video platforms

- Own VOD platform
- External archive

AI-Powered Adaptation:

Intelligent content adaptation automatically tailors assets for TV, web and social media specifications, reducing manual rework across targets.

Available Delivery Methods

- sFTP
- File Catalyst
- On request: Aspera, Signiant

Other x-dream-Fabrik products to explore ...



ARCHIVE



POSTPRO



PLAYOUT



PUBLISH



NEWS

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x-dream-group combines **x-dream-media**, a European developer and software integrator focused on media IT, and **x-dream-distribution**, a distributor of carefully selected software products across EMEA. Together, we deliver tailored software solutions for the broadcast and media industry.

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