



**SPINFIRE**  
PUBLISH



# SpinFire Publish

**SpinFire Publish is a purpose-built solution for manufacturers who face the challenge of processing and distributing high volumes of CAD files.**

## Digital Publication removes barriers to Digital Transformation

Manufacturers rely on digital representations of parts and products to communicate and collaborate both internally and with their customers and supply partners. While the design information itself is in the form of digital CAD files, the processing and distribution of these files is typically a laborious process that brings with it the familiar burdens and problems of the pre-digital age.

For automotive suppliers and others who must receive CAD files in multiple formats, process them into desired formats, and then distribute to stakeholders, this problem is acute. SpinFire Publish is easy to use and manage, and operates 24/7 to automate these actions, thereby speeding operations and raising productivity.

SpinFire Publish is a simple yet powerful step in your Digital Transformation journey that brings accuracy and consistency to all downstream applications of your part and product information.

## Results

Converted data is processed and made available behind the scenes, offloading this task, and improving team productivity.

SpinFire Publish continuously monitors incoming file packages and processes them on receipt, eliminating delays to stakeholders awaiting distribution.

The ability to convert all incoming files, regardless of source format, to a single neutral format preserves accuracy and counters the propensity for errors and quality problems to propagate due to discrepancies in downstream interpretation.

Data fidelity is consistent since the same software is being used to process all incoming data.

If required, data can be automatically converted to many standard output formats according to each workflow requirement.

No individual user's machine resources are impacted by conversion running during use.

Options such as creation of thumbnails during conversion means a single pass and no additional steps.

No user training requirement means frictionless adoption.

# Intuitive yet powerful

SpinFire Publish is a web-based solution that employs a very simple “drag and drop” interface to define actions and required outcomes entirely without the use of code. Users build “pipelines” or “recipes” that set the rules to be applied to process data and specify the locations to which processed files are published.



## From native CAD files, SpinFire Publish:

Outputs translations to leading neutral formats:

3D PDF, HSF, PRC, JT, ACIS, IGES, Parasolid, STEP (AP 203, AP 214, AP 242), STL, U3D, and VRML

Creates 3D / 2D files for viewing with SpinFire Insight

Creates a PNG image file (thumbnail) per component for use in web pages or documents

SpinFire Publish runs unattended 24/7, and process an unlimited number of conversions, parts assemblies, and zipped folders. Users can also perform ad-hoc conversions as needed.

SpinFire Publish's processing capabilities include options to control geometry, tessellation, and display of product manufacturing information. Additionally, PNG image format parameters can control background color, camera angle, image resolution, lighting mode, and rendering mode.



## The SpinFire Publish Advantage

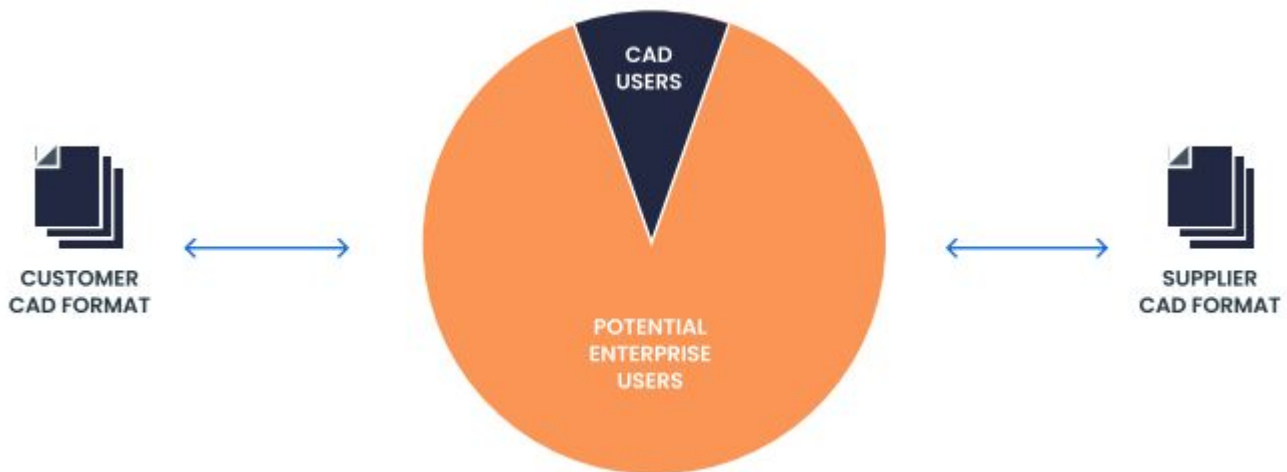
SpinFire Publish is the ideal solution for teams and organizations that are receiving and collaborating on CAD data in volume. Unlike other digital publishing solutions that push conversion and distribution of this data to individual users, impacting their performance, SpinFire Publish is a web-based application that pre-processes and distributes files to users automatically.

The result is a boost in productivity, which in larger organizations can mean redeployment of one or more team members dedicated to file conversion. The elimination of conversion by individual engineers not only raises their productivity but also cuts a non-added value process step and speeds operations.

Importantly, by standardizing on SpinFire Publish to process all incoming CAD files from customers, and/or designers, to downstream users, inevitable errors are prevented. In the absence of a single format and a 'single version of the truth' used across the enterprise (estimating, CAD analysis, quality, CNC programming, marketing, service, compliance, etc.), slight variances create a negative ripple effect that impacts quality.

## Enterprise Visualization

SpinFire Publish can be obtained as part of the SpinFire Enterprise Visualization suite that also makes the SpinFire Insight viewer available to everyone in your organization. Together, these products become the backbone of your digital transformation strategy by enabling everyone to view and interact with a single source of 2D/3D part and product information. It is one of the simplest, most powerful, and least expensive ways to transform your organization today.



Collaboration with customers requires working with multiple native CAD formats

Internal engineering teams may also use multiple native CAD formats

Spinfire and SpinFire Publish provide access to all major CAD formats and empower users across the enterprise to inspect and interact with CAD files



## Pricing and Deployment

Tech Soft 3D simplifies administration and encourages adoption by pricing our products, including SpinFire Publish and SpinFire Insight, by company size and not by number of users. This lowers administrative overhead compared to traditional licensing models while encouraging use by anyone in your company who can benefit from viewing and interacting with your part and product models.

SpinFire Publish is “cloud ready”, meaning it can be deployed either on-premises, or in a managed cloud environment such as AWS or Azure. SpinFire Publish enables any user and any device equipped with Adobe Acrobat to view and interact with your data.

### About Tech Soft 3D

Tech Soft 3D is the leading provider of engineering software development toolkits and industrial applications for CAD/CAE data conversion, visualization, and data publishing. Established in 1996 and headquartered in Bend, Oregon, Tech Soft 3D has additional offices in the USA, France, England, Japan, Germany and Norway. Tech Soft 3D is backed by investment firm Battery Ventures.



### Contact us

To learn more about the SpinFire Suite of Products, visit [www.spinfire.com](http://www.spinfire.com).

To discuss how SpinFire can help your organization create an effective collaboration infrastructure, use technology to its full potential and increase collaboration, enhance comprehension and be truly innovative—call today to speak with an available SpinFire representative at 313 831 6755 or email us at [sales.applications@techsoft3d.com](mailto:sales.applications@techsoft3d.com).