

August 25 2017

TEIGHA[®] PUBLISH

Professional SDK for Modern 3D Documentation

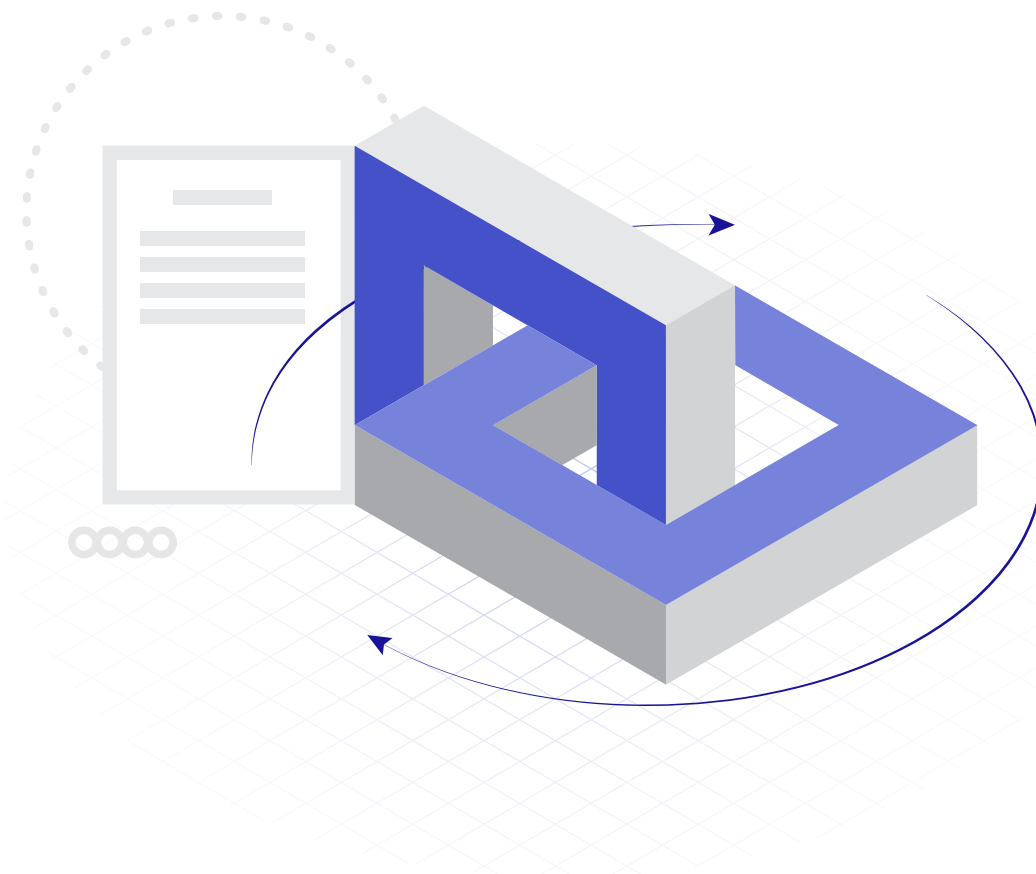
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BACKGROUND

In recent years, 3D PDF (ISO 14739-1) has become an increasingly popular documentation technology used in a wide range of engineering disciplines. The free Adobe® Acrobat® Reader makes it easy for anyone to review 3D PDF files, and given that these files are 100% compatible with existing processes that work with 2D PDF, they can be easily assimilated into existing documentation management systems.

Teigha Publish is an SDK for integrating 3D PDF support into engineering and technical graphics applications. It can convert existing models to 3D PDF from any format supported by Teigha. In addition, Teigha Publish can be integrated into any application to enable direct creation of 3D PDF content.



BUSINESS OVERVIEW



INTRODUCTION

ODA is a non-profit technical consortium that has been providing interoperability solutions and other component technology for the engineering software industry since 1998. Teigha Publish has been developed by ODA at the request of its members.



INDUSTRY-PROVEN TECHNOLOGY

Teigha Publish inherits the experience and best practices of Teigha products that have been used for decades in mission critical roles across all engineering disciplines.



BETTER DOCUMENTATION

3D PDF files can replace paper drawings in many workflows. Teigha Publish supports the creation of sophisticated interactive 3D PDF documents that can contain product data, predefined views and customized functionality.



ATTRACTIVE LICENSING

Teigha Publish is offered under a fixed fee license with no royalties for cost-effective deployment.

PRODUCT PORTFOLIO

SUPPORTED FILE FORMATS

Convert .dwg, .dxf, .dgn, .sat/.sab, .x_t/.x_b, .rvt/.rfa* files to 3D PDF

CUSTOM 3D DATA

Flexible API allows any custom 3D data to be used to create 3D PDF content

EXTENSIVE CUSTOMIZATION OPTIONS

- ▶ Create predefined interactive views
- ▶ Write product meta-data to custom tables
- ▶ Full support for PMI

PLATFORMS AND LANGUAGES

- ▶ Implemented in object-oriented C++
- ▶ Available for all popular compilers on Windows, Linux and Mac

SIZE EFFICIENCY

Teigha Publish creates compact 3D PDF files that are easily sharable and highly consumable

USER CONTROLS

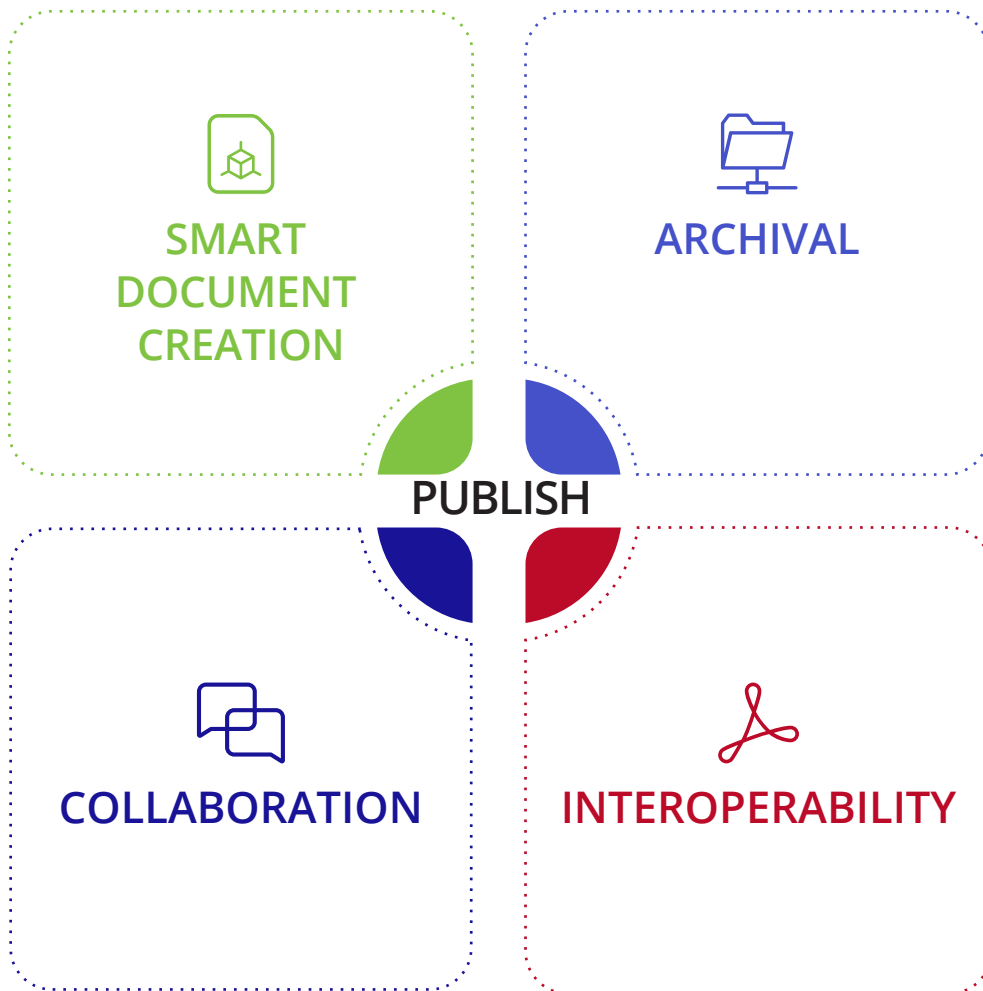
Create smart interactive documents by adding custom tables, buttons and lists that can be controlled via JavaScript

*Support for .rvt/.rfa files requires additional licensing of the Teigha BIM SDK.

APPLICATIONS

Create modern, lightweight, interactive 3D documentation instead of bulky, old-style, static 2D docs.


Teigha Publish creates 3D PDF files that are fully compatible with the ISO 14739-1 standard, making them appropriate for archival needs.

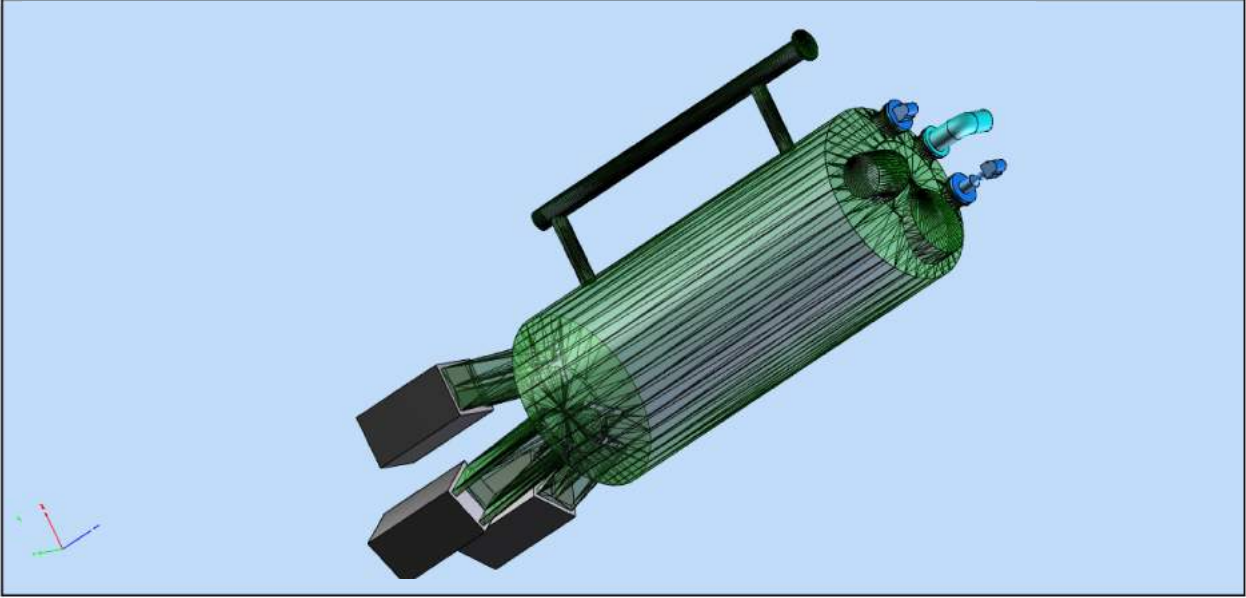


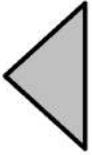
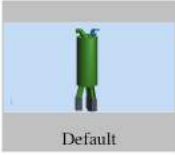
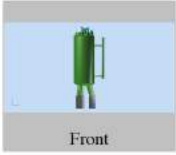
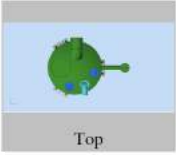
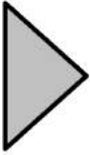
3D PDF documents can be used for efficient communication and collaboration due to the nearly universal availability of Acrobat Reader.

3D PDF files containing full b-rep models can be suitable for data exchange in some contexts.

EXAMPLE OUTPUT FROM TEIGHA PUBLISH

	tank.pdf FILE NAME	09.07.2017 DATE CREATED	Teigha Pdf Publish AUTHOR
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THE SMART CHOICE FOR YOUR PUBLISHING NEEDS

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