Tailor Made Software Company Presentation

Tailor Made Software
June 2023

Tailor Made Software

- Premier CAD data manipulation firm in the world

- Focus on CAD Viewing and AutoCAD data manipulation, conversion and advanced viewing

- Offices near Seattle, WA, USA and Stockholm, Sweden

- Founded in 1990 – over 30 years in business

- Have written conversion software for CAD companies: Bentley Systems (MicroStation), Solidworks, AutoDesk and CATIA

- Web-sites: https://cadviewer.com , https://tailormade.com

Proven Software Solutions

- Long range of establed customers in US, EU and around the World

- Integration partners around the World

- Use-cases in many different business verticals

- All customers and partners have manipulation, display and interaction of CAD drawings in common

(for selected use-cases, see: https://www.cadviewer.com/success)

Proven Software Solutions

- Our Software packages integrates with solutions for industries as diverse as:
  - Integrated Workplace Management
  - Facilities Management
  - ERP, CRM, SCM and PLM
  - Document Management
  - Content Management
  - Process Workflow

(for selected use-cases, see: https://www.cadviewer.com/success)

Core - Integration API to 3rd party

- Tailor Made Software provides components to other solutions

- Easy to use APIs to plug-in with 3rd party applications.

- CAD Canvas to provide application controls of CAD floor-plan interaction

- Core API controls for:
  - CADViewer:
    - Javascript API for front-end integration
    - Plain Vanilla JavaScript or npm version for React/Angular/VueJS frame-works.
    - REST API for server side communication, open code for developers
    - Server code available for PHP, Servlets, NodeJS, dotNet, dotNetCore.
  - AutoXchange CAD converter:
    - Command line API interface, JSON API interface and dll/so API

Principal – Scott Taylor

- Wrote ISUCad in 1979-1981

- BCSC Iowa State University, 1981

- Boeing 1982-86
  - Spent 1985 in Paris on loan to Dassault Systems to lead development of the CATIA IGES processor

- PACCAR 1986-87

- Octal, CAD converter company, Software Development Manager

- Founded Tailor Made Software in 1990
  - Recognized in 2001 as *CAD Pioneer* by the CAD Society

Principal –Casper Harnung

- Master of Science, Technical University of Denmark 1989

- Kozo Systems, Inc. Tokyo, Japan 1989 - 1994
  - Developer, later - Asia business manager

- ZoomON, Stockholm, 1994 – 1999
  - Co-founder & CTO

- FableFlow, London, UK, 2000 - 2001
  - Founder

- Tailor Made Software, 2002 –
  - Principal

Tailor Made Software Products

- **CADViewer**
  - Javascript-based CAD viewer with annotation interface
  - Combines Advanced Asset manipulation and intelligent hotspot highlight API
  - with AutoXChange to support AutoCAD, MicroStation, Adobe, TIFF and other bitmap formats

- **AutoXChange 2024**
  - Supports AutoCAD, MicroStation, Adobe PDF, large array of bitmaps.
  - Output to SVG, PDF and raster formats
  - Automatic Hotspot Creation, advanced Compare

- **LinkList 2024**
  - Extracts selected or full CAD content to JSON
  - Provides the ability to extract and manipulate logical content in CAD files

- **DwgMerge 2024**
  - Through JSON ability to modify or create AutoCAD DWG files

CADViewer

- JavaScript-based SVG viewer with annotation interface

- Extends SVG format for CAD support such as, layers, layouts, unit matrix, printing etc.

- Combines with AutoXchange 2024 to support largest CAD maker formats:
  - DWG->SVG, DXF->SVG, DGN->SVG, PDF -> SVG , etc.

- Supports all major browsers

- Extensive support for non-Latin and Asian fonts

- Asset interface for IWMS solutions, asset manipulation and intelligent hotspot highlight API

- Retain all DWG properties and coordinate space in web display.

- Provides the ability to display CAD in a straight-forward implementation with small client-side footprint.

AutoXchange 2024 – CAD Converter

- Command line converter from AutoCAD DWG/DXF/DWF, MicroStation DGN and other formats

- JSON input

- Output to Enhanced SVG, PDF and raster formats

- Automatic Database Linkages

- Automatic Hotspot Creation
  - Highlight text or attributes on a layer(s)
  - Output to SVG or HTML

- Watermark creation

- Supports all AutoCAD formats through AutoCAD 2024

LinkList 2024 – CAD Data Extraction

- Extracts information from AutoCAD files
  - Text, Attributes, Extended Entity Data,
  - Block Names, Metadata
  - Title Blocks

- Outputs to JSON, MySQL, XML or Text file

- Can create raster image

- Supports all versions of AutoCAD from V2.22 to 2024

DwgMerge 2024 – CAD Data Merging

- Uses JSON file to add entities to DWG/DXF files
  - Graphics, text, images, entities

- Always creates a new file – will not save to original

- Supports through AutoCAD 2024

- Uses:
  - Redlines/Markup
  - QR Code stamps
  - Watermarks
  - Blocks, block-inserts and a large portion of standard entities

- (Not intended for heavy CAD editing)

Custom Programming

- We create custom programs for advanced manipulation and display of AutoCAD data

- Our software does not require native AutoCAD, we got our own tools

- Many of our current functions in CADViewer and AutoXchange began life as a custom application
  - Two rates – one for customer use-only and one where we can reuse the code

- We have been writing custom applications since 1990

Tailor Made Software

CADViewer

Thank You!