

E-Drawings

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SolidWorks

- *A little about myself - interaction design engineer, user experience*
- *What is it & what's it for?*
- *What can it do?*
- *How do you get started?*
- *Interesting stuff*
- *Q & (hopefully) A*

At birth...

- 1 common issue in the industry (1997):
Difficult to communicate designs to others especially outside the company



- *What was it created to do?*
 - *Help designs “reach more people faster”*
 - *Help designs to be interpreted more accurately*
 - *Don't intimidate recipients of the design*

View

- *From PC's & Mac's*
- *Drawings*
 - *3D pointer and overview window*
 - *Animated views*
 - *eDrawings, SW native files, DWG, and DXF*
- *Models*
 - *Move components*
 - *Configurations & display states*
 - *SW Textures & Real View*

Review

- *Measure*
- *Section view*
- *Markup with comments*
- *Stamps*

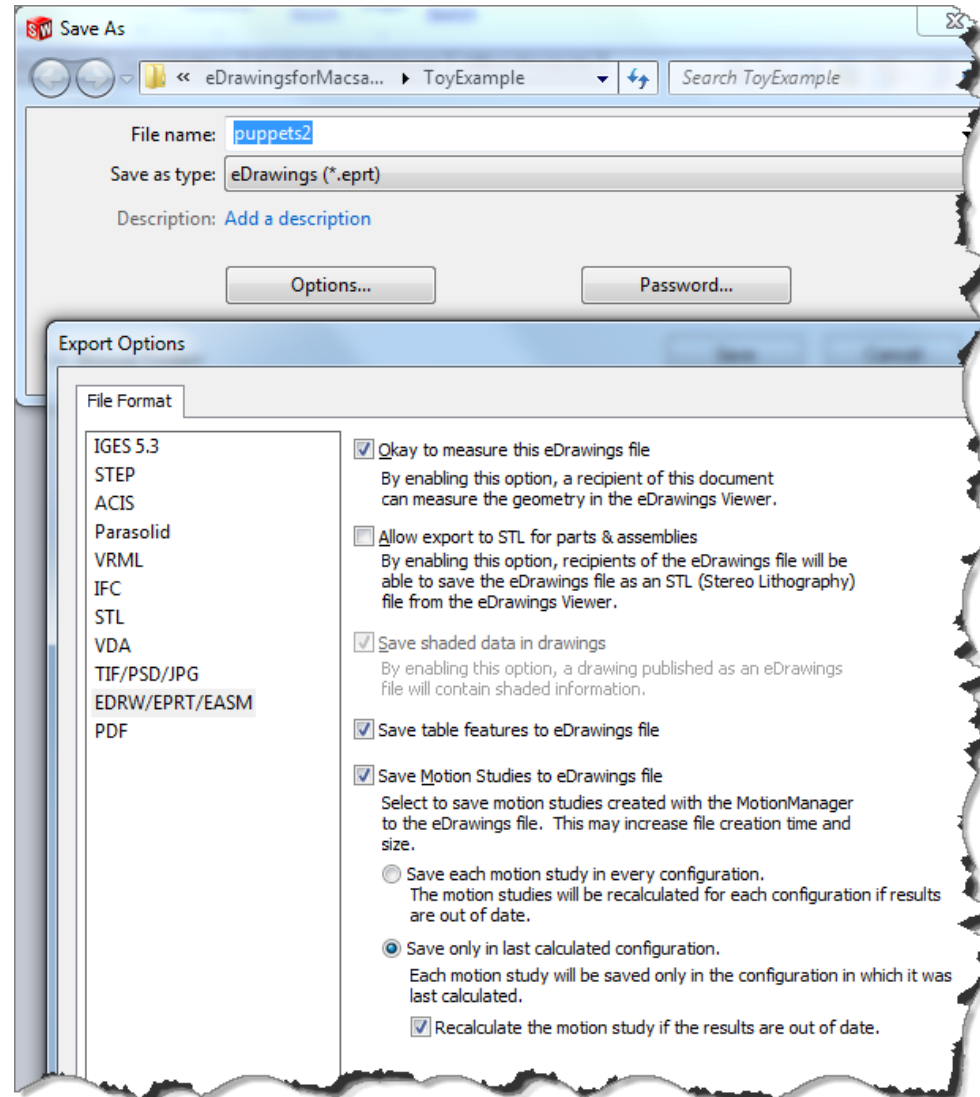
Communicate

- *Animations*
- *Simulation & Thickness analysis data*

Print

Share

- *Set permissions*
 - *Set password*
 - *Allow measure*
 - *Allow STL output*
- *Output options (SW)*
 - *Include shading data*
 - *Include motion studies*
 - *Include tables*
- *Publish via email*
 - *eDrawings files*
 - *HTML*
 - *Zipped EXE*



eDw files published from other CAD apps

eDrawings Function	CAD Application										
	SolidWorks	AutoCAD	Autodesk Inventor Series	CATIA	Google SketchUp	IntelliCAD	KOMPAS	NX/Unigraphics	OneSpace Designer Modeling	Pro/ENGINEER	Solid Edge
Multiple drawing sheets	✓	✓	✓	✓		✓		✓		✓	
Animate views	✓		✓	✓			✓	✓	✓	✓	✓
Create Layout	✓		✓	✓			✓	✓	✓	✓	✓
Export options	✓		✓	✓	✓		✓	✓	✓	✓	✓
Mass Properties	✓		✓	✓			✓	✓	✓	✓	✓
Rotate	✓		✓	✓	✓		✓	✓	✓	✓	✓
Shaded Views	✓		✓	✓	✓		✓	✓	✓	✓	✓
OLE objects	✓	✓	✓	✓				✓ (NX3 only)			
Simulation Data	✓										
Explode/Collapse	✓						✓	✓		✓	
Configurations	✓									✓	
Publish Animations	✓										
Hyperlink drawing views	✓										

More info in eDrawings Help Docs

FREE vs. Professional

Features	eDrawings (free version)	eDrawings Professional
Publish eDrawings files from multiple CAD Platforms	✓	✓
Ultra Compact Files	✓	✓
Built-in Viewer	✓	✓
Drawing Layout	✓	✓
Hyperlinking	✓	✓
3D Pointer	✓	✓
Point-and-click Animation	✓	✓
Share and View Design Analyses	✓	✓
Share and View MoldflowXpress Output	✓	✓
Save in STL and other file formats	✓	✓
Advanced Collaboration Tools		
Enable Markup		✓
Enable Measure		✓
Password Protection		✓
Dynamic Cross-section		✓
Move Components		✓
Explode Views		✓
View Configurations		✓
Play SolidWorks Animator		✓
Mass Properties		✓

*More online on
edrawingsviewer.com*

- Download *FREE* publisher of your choice
 - Except if you have SW professional or premium... eDrawings prof. is included
- Publish eDrawings files from your choice of CAD software
- Send files to colleagues or customers (email >> eDw files, html, zipped-exe)

Can Be Embedded

- *As OLE object in MS products*
- *In a web page (Special free viewer - download once)*

A Viewer for...

- *Enterprise PDM*
- *Workgroup PDM*
- *SolidWorks Explorer*

Questions?

*Interested in participation in our
User Feedback Sessions?*

*Give me your card,
Speak to me after the session,
or visit the SolidWorks User Experience table*