Autodesk® Inventor ® Engineer-to-Order
Product Positioning
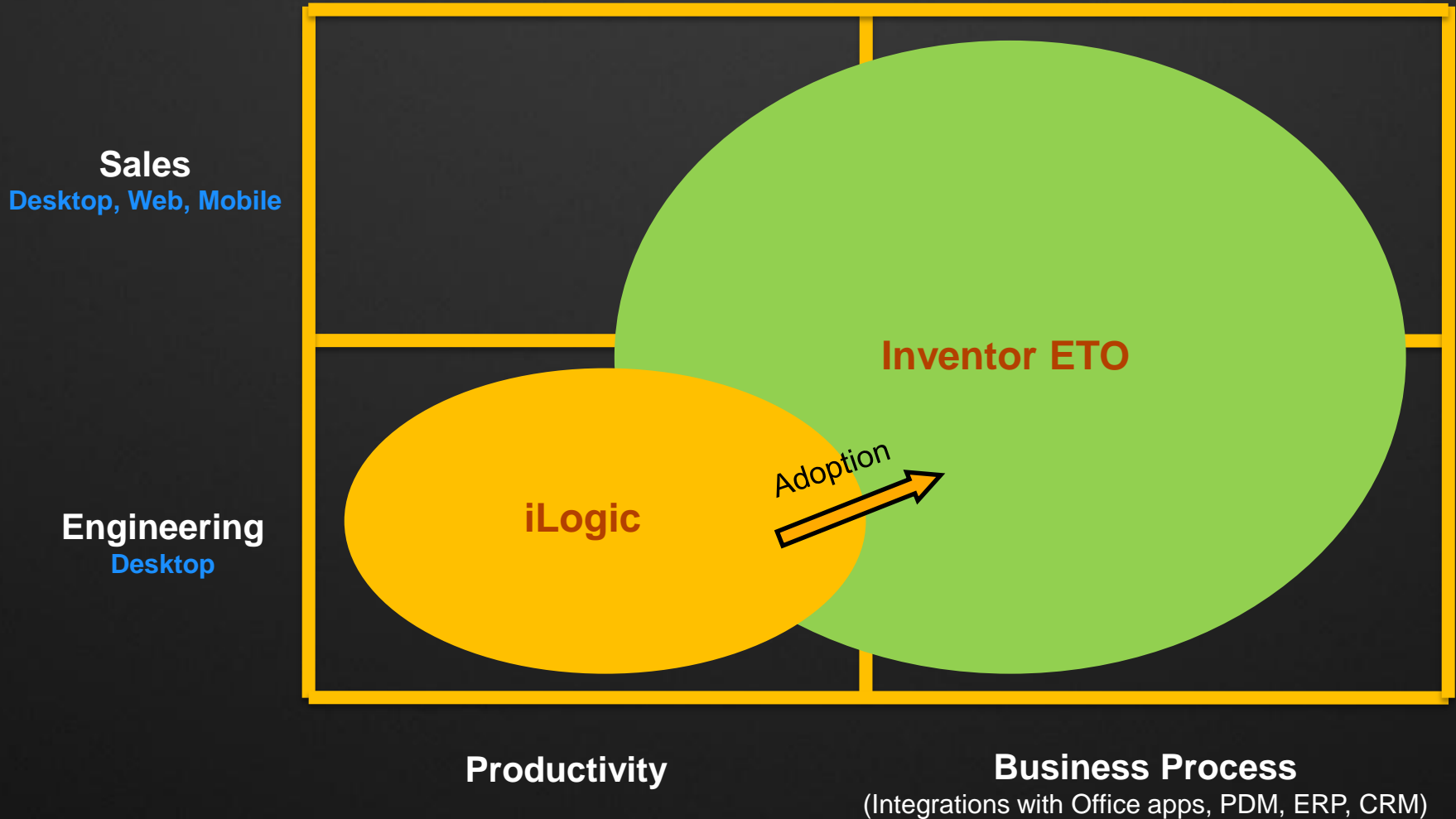
Image courtesy of Mammoth-WEBCO, Inc.

Autodesk

Inventor iLogic Vs. Inventor ETO

Inventor iLogic is a productivity tool for engineers, that enables design reuse and automation of repetitive tasks in Inventor. Limited to desktop use.

Inventor ETO is a platform to create corporate-wide applications for automating bid and order processes. For use by sales and/or engineering teams. iLogic rules and designs can be reused in an Inventor ETO application. For desktop use, web deployments and mobile applications.

Autodesk

Inventor iLogic Vs. Inventor ETO

Autodesk

6 Reasons to Prefer ETO over iLogic

1. Performance issues with a large scale iLogic application; difficult to debug

2. Application needs to be deployed across an enterprise, to engineering and sales teams

3. Application needs to be deployed on the web/mobile

4. Application needs to be integrated into a PDM (Vault or other), ERP or PLM system

5. Frequent reuse of files across projects leading to duplicate files and inefficient part numbering system

6. Substantial automation of manufacturing drawings is required

Autodesk

6 Reasons to Prefer iLogic over ETO

1. Need to automate isolated repetitive tasks in Inventor
2. Automation required for individual use, not broader deployment
3. For desktop use only, no web/mobile requirements
4. No requirements to integrate with other enterprise applications
5. Every project is started from scratch, very few part numbers are reused
6. Light automation of drawings

What does iLogic Offer?

► **Enhanced Design Intent/Intelligence Capture**

▼ More parameter types (text and true/false) and equations

▼ Drive properties, parameters and component status to logic

▼ Bi-directional interaction with spreadsheets

► **Enable Design Re-use**

▼ Identify valid combinations of parameters to control geometry

▼ Select appropriate features and components based on some criteria

► **Extended Inventor Automation**

▼ Create macros easily and intuitively

▼ Over 200 pre-defined functions for rules creation

What does ETO Offer?

► Deep, programmatic approach to Configurations
  ▼ <u>Generate</u> geometry and assemblies
  ▼ Handle complex and highly interdependent configurations
  ▼ Various mechanisms to improve performance
  ▼ Vault integration & automatic member file selection/generation

► Enterprise deployment capabilities
  ▼ Inventor OEM deployment for custom/branded desktop sales tools
  ▼ Web deployment with Inventor Server (lighter, faster version of Inventor) and server farm management
  ▼ Framework for creating mobile apps

► Full featured programming environment

► Leverage iLogic models and rules

Autodesk