



Aras Community Event

# ShapeSpace3D search integration to Aras

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# Agenda

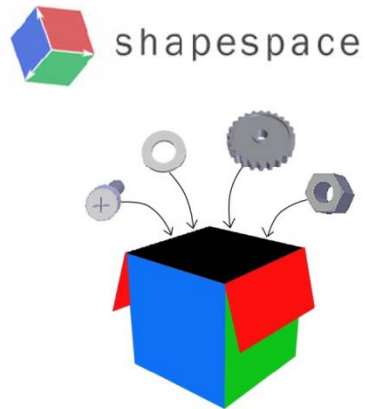
- ShapeSpace3D search integration to Aras
- Allows you to search Aras and find parts on the basis of their shape
- Very intuitive way for an engineer to locate and use previously designed parts

# Connecting Aras Innovator and ShapeSpace



- 3D search allows you to find parts on basis of their shape - Very intuitive way to locate and use previously designed parts
- And with almost all design work now done using 3D CAD software this is very useful
- 3D search technology employ algorithms that generate unique 'geometric signatures' for CAD models
- By comparing these signatures across thousands of models, items of a particular desired shape can be found and identical or similar parts grouped together

# Connecting Aras Innovator and ShapeSpace

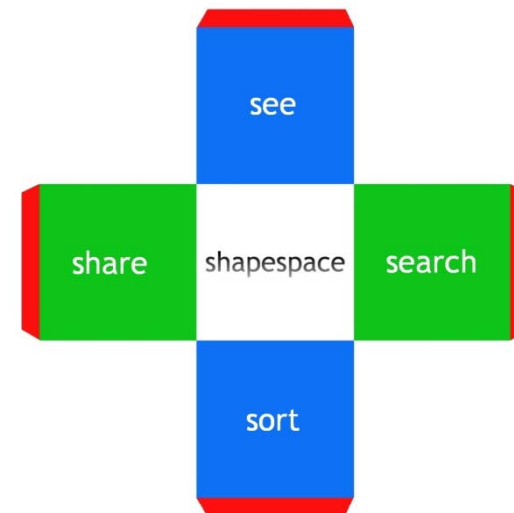


## Shapespace

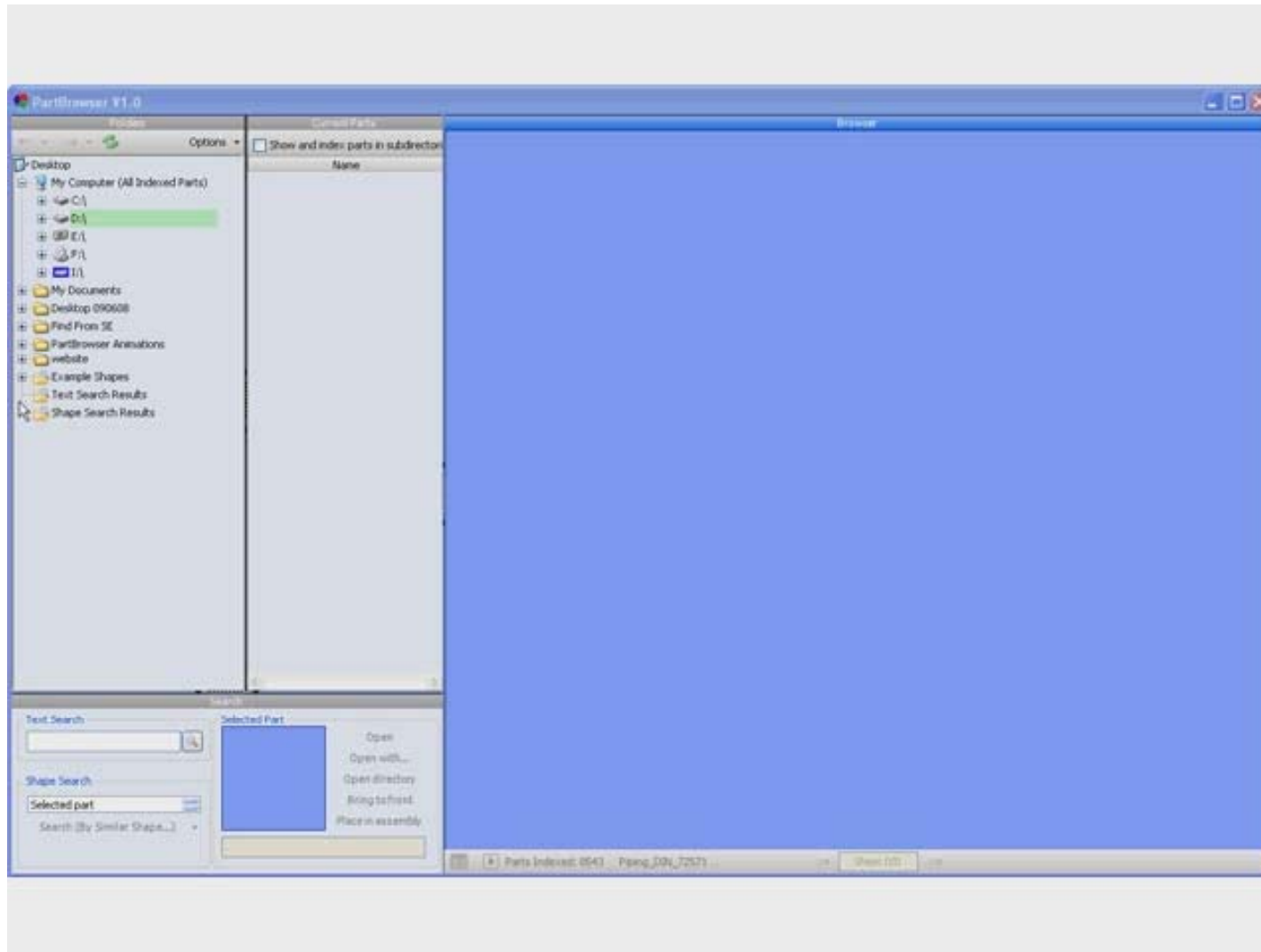
- World-leading 3D search technology for CAD and PLM
- The most advanced retrieval algorithms in the industry allow parts to be retrieved efficiently across very large databases of CAD models
- Works regardless of a parts' orientation or position
- Delivers instant visualisation of complex search results allowing hundreds of parts to be displayed in an informative and intuitive manner

## Why integrate with Aras?

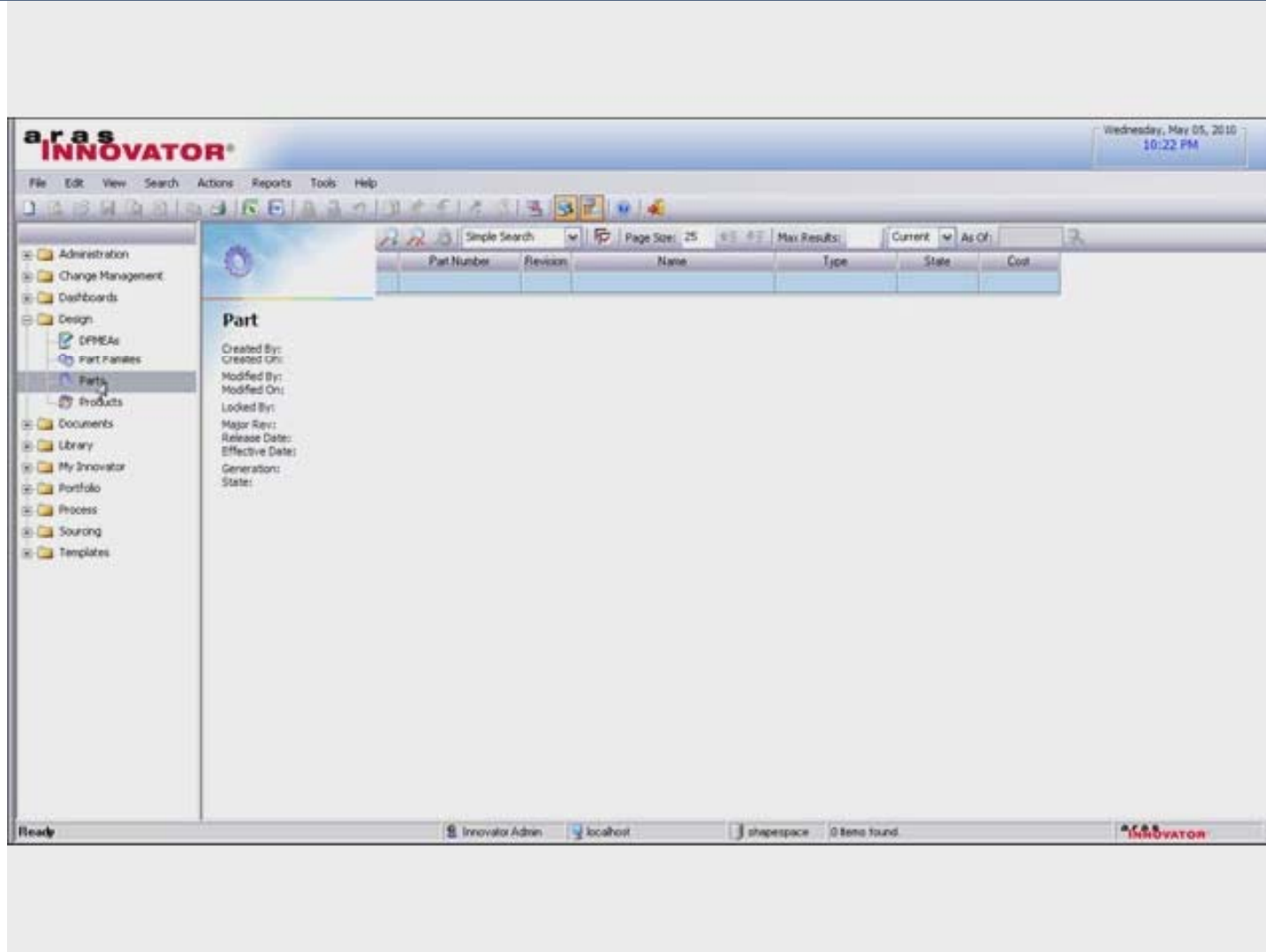
- Provides shape based searching in Aras
- Aras workflow ensures parts targeted for deletion are fully communicated throughout the organisation
- Aras dashboards and reports ensure progress is tracked towards the achievement of agreed part reduction goals



# Connecting Aras Innovator and ShapeSpace Demo



# Connecting Aras Innovator and ShapeSpace Demo



# Introduction

**James Byrne**  
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**[www.AESSiS.com](http://www.AESSiS.com)**