



ProcessFlows

Avanquest®

NEWS RELEASE

19/05/2011

ProcessFlows and AESSiS partner to deliver 3D Search Technology for Aras PLM

AESSiS deliver strategic business improvement projects and initiatives to improve operational and financial performance in engineering and product development.

AESSiS combine long experience of engineering and product development best practises with expert knowledge Product Lifecycle Management (PLM) technologies to deliver improved performance in the following business areas:

- PLM Planning and Introduction
- New Product Introduction (NPI) Process Improvement
- Electronic Engineering Change and Release Control
- Target Cost Management Process Improvement
- Part Count and Material Spend Reduction
- Supplier and Partner Data Exchange & Collaboration

Although PLM systems play a crucial role in managing organisations' product information and processes, finding design information still often relies on searching on the basis of keywords or so-called metadata.

As a result, it can still be difficult and time consuming for design engineers to find existing CAD designs held in large, disparate part libraries and databases, which may also contain several duplicates of the same design as well as archived material. It is often easier to redesign again from scratch than to continue searching.

Opportunities to re-use existing designs or to rationalise existing parts libraries are therefore regularly missed. The knock-on effect is that time is wasted and costs go up, which ultimately hits the bottom line and profitability. It is not the 'lean manufacturing' that everyone strives for. By adding a 3D search capability to a PLM strategy, whereby parts designs can be searched and retrieved on the basis of their shape, organisations have a powerful new weapon in their fight against part proliferation.

ProcessFlows is the UK distributor for ShapeSpace 3D search technology – a simple to use geometric search engine application which integrates with Aras PLM to enhance its search functionality.

Partnering with ProcessFlows allows AESSiS to add ShapeSpace to their portfolio of engineering solutions so they can deliver simple-to-use geometric search functionality to their customer base creating additional revenue opportunities.

Once ShapeSpace is integrated with Aras, users can instantly search the entire PLM system (regardless of whether part number or name is known or where the file is located on the network) and find all parts of a similar shape and size.

Results are displayed collectively on screen in a layered, 3D visual format for easy identification, along with part number, name etc. The result is that duplicate CAD files are easy to find/identify and design teams are quickly able to locate component parts so they can be reused in a design process, further improving their business performance.

Graham McCall, AESSiS Projects Director said:

“PLM systems such as Aras streamline all processes and provide easy access to information for everyone involved in the manufacturing process. This ultimately reduces costs through reduced waste, enhanced communications and time saved. But organisations are continuing to look for ways to further cut costs and improve their efficiency and this is where ShapeSpace helps. It provides additional functionality to PLM investments; enhancing PLM search functionality so you can quickly find parts and therefore reduce the number of duplicate part designs undertaken”.

Further information about ProcessFlows and their Channel Partner Programme, ShapeSpace and AESSiS can be found at the following links:

<http://www.processflows.co.uk>

<http://www.processflows.co.uk/channelpartners/partner-programme>

<http://www.processflows.co.uk/technology/3d-parts-management>

<http://www.aessis.com>

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