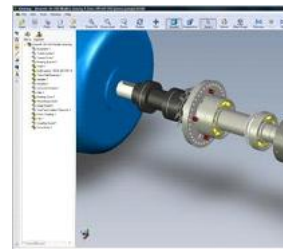
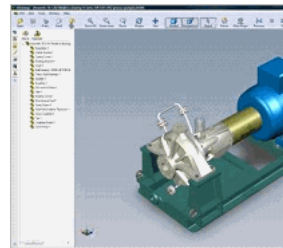


## Amarinth improves collaborative working with detailed 3-Dimensional CAD models of pumps

Amarinth, a leading company specialising in the design, application and manufacture of centrifugal pumps and associated equipment to the industrial, chemical and petrochemical industries has recently launched an innovative new on-line service that gives access to detailed 3-Dimensional CAD models of its pumps that are assisting understanding, communication and collaborative working across organisations.

When an organisation is specifying pumps, designing new systems or developing other processes such as maintenance schedules, there are numerous other people in addition to the engineers involved, many of whom don't have direct access to engineering models or drawings, or indeed are not in a position to understand or work with these if they did. In many cases it can be extremely difficult for these people to understand the various components within a pump and how they all fit together and so can prove frustrating for them when trying to have a meaningful conversation with engineers or pump suppliers.

In a first for the industry, Amarith is rolling out an innovative new service that delivers through any web browser detailed models of its pumps to any person working in any organisation. This new service will help address the communication and understanding issues, making the purchasing process smoother and ensuring that general communication about the pumps is more meaningful for all concerned.



*Pictured top right: Amarith A-series OH2 3-Dimensional Model, and below: Amarith A-series OH2 3-Dimensional Model - Internals.*

The advantages of having these models available across the organisation has been underlined in the demanding environment of a major world headquartered in the USA where the company has installed the Amarith models on its own intranet and has been utilising them for training new existing staff across 30 different sites. So valuable have they proven that the company has requested additional pump models to help their staff identify between different types of pumps.

The on-line models enable both engineers and other staff to explore a pump in three dimensions. The detailed models can be rotated to see all aspects and zoomed into for closer inspection. The model is built as a full assembly and so selected parts can be made transparent or hidden in order components. More advanced features are also available such as measuring, sectioning and mass properties. Finally a mark-up feature allows sharing and comments between people and organisations. Importantly, no special software, platform or licensing is needed to view and manipulate these models. Once the downloaded file is opened all of the software features are available immediately to the user to start work with.

Oliver Briggshaw, Managing Director of Amarith commented: "We have taken this initiative to openly provide detailed 3-Dimensional CAD models and we have seen so many issues within organisations, particularly as engineers and non-engineers try to communicate about aspects of pump design, and procurement. Although many pump suppliers would be extremely cautious about releasing this level of detail into the public domain we believe that this will deliver, both for organisations using our pumps and in communications between Amarith and our customers, far outweigh any perceived risk."

The first of the Amarith pump models to be released are the API 610 A-series OH2 and V-series VS4 pumps. Other pumps along with Amarith Prot support systems will follow in due course over the year.

The on-line 3D pumps can be viewed by visiting: [www.amarith.com/downloads/CAD-models](http://www.amarith.com/downloads/CAD-models)