FREQUENTLY ASKED QUESTIONS

Visual Vessel Design end of life

Questions and answers



For years, Visual Vessel Design (VVD) has supported designers, engineers and fabricators in pressure vessel, shell and tube exchanger design and analysis. Now, it's time to move forward.

As VVD reaches end-of-life, Octave is transitioning to Octave Aspect Pressure Vessel, a modern, intuitive solution built to meet today's demands for performance, flexibility and scale.

Why has this decision been made?

VVD has played a critical role in shaping our engineering analysis portfolio, bringing deep expertise of the European and British standards like EN 13445 and PD5500, and reflecting how engineers approach design in practice.

But the foundation it was built on no longer keeps pace. With underlying technology no longer supported by Microsoft, retiring VVD is the right move.

VVD was withdrawn from sale and officially retired on December 31, 2022.

Will Aspect Pressure Vessel (formerly PV Elite) incorporate VVD capabilities?

Yes, where it matters the most. We've conducted a detailed gap analysis to identify the key capabilities customers rely on. Several key VVD capabilities have already been incorporated into Aspect Pressure Vessel v25.

Will country-specific pressure vessel standards be available?

No, our focus is on the standards that matter most globally including AD2000. We intend to focus future development on ASME, PD 5500 and EN 13445 because these standards are most commonly used in the verification of vessel designs, globally.

If there's a specific capability you need, we want to hear it. Submit ideas through the Octave Community Ideas portal.

Will country-specific wind and seismic codes be available?

Octave strives to maintain all current country-specific wind and seismic codes in Aspect Pressure Vessel. If something is missing or needs updating, please let us know by submitting a case via Octave Community.

Will you provide a step-by-step workflow like in VVD?

We're exploring this. Got an idea? Share it via the ideas portal in Octave Community.

Will there be any more VVD updates ?

VVD v20 service pack 1 (released May 5, 2022) was the final update. VVD v20 SP1 is available to download from Octave Community.

Will Aspect Pressure Vessel be able to read my VVD files?

No. Legacy VVD models will need to be recreated in Aspect Pressure Vessel.

Will you support the AD2000 Merkblatt standard?

Yes. AD2000 is available in Aspect Pressure Vessel.

What if I have a question regarding an engineering interpretation, not necessarily a software issue?

Our technical support team can address any engineering code interpretation questions related to VVD or Aspect Pressure Vessel. If a question highlights a need for product enhancement, it will be considered for future releases of Aspect Pressure Vessel.

Are there discounts available for existing VVD users to migrate to Aspect Pressure Vessel?

To support the transition, Aspect Pressure Vessel is available to all VVD maintenance customers at no additional cost. You will retain access to your VVD license(s)including AD2000 and EN13480. For a license exchange, contact your Octave sales representative or local office.

I have a perpetual license; will I still have access to VVD after its retirement?

Yes. VVD licenses will continue to work.

I have a lease license; will I still have access to VVD?

No. All current leases will end on December 31, 2022.

How can I learn more about Aspect Pressure Vessel?

Please view the Aspect Pressure Vessel web page

Free Aspect Pressure Vessel training is available via Octave Institute.

The QuickStart walkthrough available in the Help tab of Aspect Pressure Vessel software will also help get you started with the software.

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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