Question Asked	Answer Given
What about pcc 1 calculations wrc 538 values for sf and of?	Please log a ticket in support portal.
In updated pcc 1 calculations how to calculate sf and of in wrc 538?	Please log a ticket in support portal.
Any improvement about automatic drawing generator or bill of materials? What about new kind of saddles?	Improvements are made based on your suggestions. We always work to improve PV Elite. Please file a request with your suggestions.
Referring to nozzle calculation module - Was added possibility of performing a non-standard flange calculation?	The ability add custom Appendix 2 flanges types on nozzles has been in PV Elite for some time now.
For non-standard flange calculation is it necessary to go through CodeCalc?	PV Elite can also analyze a non-standard flange through Appendix 2 ASME VIII-1, just uncheck the "is this a standard flange" checkbox.
Are you providing also Hydrotest Checks within the CodeCalc modules?	CodeCalc performs hydrotest calculations in the shell and head module per VIII-1.
Referring to your answer, I cannot find the entry you have mentioned. Where is it? I'm talking about the PV Nozzle Input/Analysis.	Once you select a Flange Element, go to the General Input tab, select the 'Perform Flange Calculations' grid box to bring up the Flange input dialog.
Does nozzle reinforcement automatically take into account the seam weld location for reinforcement area?	For ASME, the weld seam efficiency as specified in the nozzle dialog will be used in the calculations.
Can you explain a bit more about the future of PV Elite and VVD. If both packages will be updated individually or that they will be merged. which code is most important in which package and so on?	PV Elite is actively fixing issues and tickets for EN 13445 calculations. For now, both PV Elite and VVD will be maintained individually but PV Elite will have a more active role to merge with some of the features that VVD has for the EN market. Please reach out for any SR tickets that are still pending so we can give you an update.

Is there an opportunity to transfer a PV Elite Model into a STEP file for use of additional Finite Element Analysis with ANSYS Workbench?	Yes, PV Elite does produce a Step file. Go to the File tab -> Import/Export.
Where in EN 13445 is this quality class defined or explained?	It is section 16.14.8 in the compressive stress limits section.
Is amendment A8 of EN 13445-3 (fully written out "EN 13445-3:2014/ (issue 5:2018)/A8:2019") included in PVE version 23? Amendment A8 defines the required load cases to be analyzed for EN 13445 vessels.	PV Elite 23 SP1 will write out A8:2019. When you start a new EN model, the load cases are in accordance with the Code.
In vessels with torispherical heads like the Klöpper type (R=D, r=0.1D), PVE randomly changes the geometry to different radii. This greatly affects the results. Has this been solved?	The automatic recalculation of these defaults was based on user request. However, we have resolved a couple of issues with this feature in the last year or so.
is it possible to merge the EN database material with the ASME Database material and vice versa without retyping?	No, the databases are not compatible.
In the future we suggest to automatically set the load case combination for vertical vessels in EN 13445 code.	When you start an EN model, you might note the load cases are set for you automatically.
Is it possible to have a table with all the values of the base loads divided by wind and earthquake and erection, test and operating?	Most anything is possible, but you would need to work with us to illustrate exactly what it is you require.
Would we have long. seam on a flange? Seems unlikely.	We don't show seams on flanges. However, the joint efficiency on the main screen is used in the calculations.
Is there any output about seams, like if they are within reinforcement limit of nozzle or something similar? If there is a complex model (such as platforms model), the report would be useful.	If a nozzle is close to a seam, there will be a note in the nozzle report.
I hope that if you took the time to draw the bolting, you also corrected the problem with the program not drawing correctly a SO flange.	I'm not aware of an issue with the SO Flange 3D drawing, if you have an issue please submit a ticket to our support site. If you have a SR ticket number already, please let us know.
For the UK market are you planning to introduce the British Codes for pressure vessels?	PV Elite covers the pressure vessel code PD 5500 for the UK market

Do you have instructions in the help manual to tell the user how to change to a different design code (EN) for the application of Appendix 46 if the user started the vessel design with the ASME Code?	For saddles, go to Load Cases tab and click on the '…' next to Installation | Miscellaneous options. For some analysis, like legs on bottom heads, this will occur automatically.
Are you planning to introduce a calculation of saddles for vessel transport like you do for lifting?	PV Elite already performs transportation load calculations. Look at the Utility Panel at the top of the screen.
Do the bracket and saddle analysis consider external loads on nozzles, forces/moments, or additional weights?	Typically, yes this is true perhaps except for moments on horizontal vessels.
Can the saddles be placed on conical shell elements?	No, they cannot be.
Will the converter for Inventor and Solidworks be continued? This can serve as an interface to bring a model to Ansys, too.	Yes, they will be continued. We are hoping for some updates to these plug-ins later this year.
Is there provision of 2 saddles and 1 bracket supported exchanger?	No, there is no provision for this support arrangement.
Do we have the gasket data inbuilt in PV Elite? Most of European country use the gasket data .org values for gaskets.	The gasket data from EN 13445 is built in. If you select EN 1591, you will have to fill in the gasket data in the grid at the bottom of the dialog.
Also, the flange rigidity calculation where I can find that?	It is found at the bottom of the flange report when the calculation is applicable.
Also, the flange rigidity calculation available now in PV Elite?	Yes, ASME flange rigidity calculations have been in PV Elite for more than 20 years now.
Question to EN1591 flange calc: is it the procedure implemented in PV Elite completely from EN1591 or is it is procedure from Annex G EN13445? As I know Annex G Method is similar to App.2 from ASME VIII-1. Thanks	There are minor differences between the two Codes, like the gasket data and some internal calculations.
Opening in skirts calculation?	PV Elite uses the EN code to calculate openings in skirts.

Before the release of any PV Elite version is there a procedure to validate the accuracy of your calculations by a third-party organization?	We use benchmarks that have been peer-reviewed and published (PTB-3 and PTB-4 for instance). We welcome our customers to do their own quality checks and notify us through customer support if there is a discrepancy. We try to address any found discrepancies by the next service pack or release (2 scheduled service packs a year, and on a rare occasion, a hot fix if we ever find anything urgent). Please see our quality manual for further details (Help -> View).
Can you how multiple saddle analysis can be used with ASME Code using Appd - 46?	See the answer above.
1. I noticed that EN 1591 is of 2001 version. Why are we not using the latest version 2013 or DIN EN 1591-1: 2014? 2. Type of flanges applicable? Loose flanges? 3. Is the EN1591-1 option in PV Elite applicable to body flanges also? 4. Can we input Gasket data based on EN 13555?	1.The 2001 version is widely accepted in the European community. According to our SME, this was the best version to implement. 2. PV Elite addresses all types of applicable flanges for this analysis. 3. This analysis can be applied to body flanges. 4. The required gasket data can be entered if you set the analysis option to EN 1591.
Calculation of stability acc. to Eurocode 3?	Please log a ticket in support portal.
Calculation of the structural factor CsCd by PV Elite based on column model (currently manual input)?	This is currently an input value. This may be a country specific value. Please reach out to us with your suggestions on automatic implementation.