PIPENET® Vision 1.8.0 Transient Module Enhancements include...

- Smart Output is a new feature ensuring that maximum and minimum values will now not be missed because of large output graphical time steps. Maxima and minima arising during the calculation are captured in the graphical output
- An improved graph viewer with many new features for manipulating information in the graph viewer window
- A new Ribbon style results browser is available
- Improved initial steady-state calculations for networks, with control loops - and large vessels are faster and more stable than ever
- Force time history time can now be output in .csv format, as well, and opened with a spreadsheet program
- Dry pipe model has improved performance when considering the effect of air passing valves
- Channel cavitation modelling is now faster with improved capability for timestep
- Vacuum breaker has been improved, delivering even better calculation
- Two-node caisson is more reliable than ever before
- Pump calculation accuracy is improved for reverse flow and rotation for the inertial pump model
- A new diaphragm type accumulator model is now available, extending the range of applications on which it can be used
- A milli-second time unit is now included in PIPENET
- The output report has been improved with better format for pressure extrema
- The output report has been improved with velocity summary added
- The output report has been improved for maximum air flow of vacuum breaker and caissons
- Transient spec time-function handling has been enhanced for all time units
- It is now possible to have 100 types of fitting on a given pipe
- It is now possible to have 3000 flow nodes

SUNRISE

www.alphaafzaar.com
office@alphaafzaar.com
www.alphaafzaar.net
office@alphaafzaar.net

#7, 4th Floor, No.14, Zohreh St., Mofateh Ave., Motahari Ave., Tehran, IRAN.
Tel : (+9821)88825301 | (+9821)88836099 | (+9821)88835924
(+9821)88821109 | (+9821)86073566 | (+9821)86073571
Postal Code : 1588973319

تهران ، خیابان مطهری ، خیابان مفتح ، خیابان زهره ،
پلاک ۳ ، طبقه چهارم ، واحد ۷ کد پستی: ۱۵۸۸۹۷۳۳۱۹
تلفن: ۸۸۸۳۵۹۲۳ | ۸۸۸۳۶۰۱۰ | ۸۸۸۳۶۰۹۹ | ۸۸۸۳۵۳۰۱
۸۶۰۷۳۵۹۱ | ۸۶۰۷۳۵۶۶

- It is now possible to have 2000 pipes in a network
- It is now possible to have 200 operating valves in a network
- It is now possible to have 200 general pressure loss components in a network
- 500 nozzles can now be included in a network
- 500 specifications can now be made in a network
- The component graphical output results selection has been simplified
- The count of components in a network in the properties panel is improved. The components are in alphabetical order; it is now possible to hide those with a count of zero
- The ‘Convert to Transient ‘utility now includes pressure Loss and nozzles

www.alphaafzaar.com
office@alphaafzaar.com
www.alphaafzaar.net
office@alphaafzaar.net

#7, 4th Floor, No.14, Zohreh St., Mofateh Ave., Motahari Ave., Tehran, IRAN.
Tel : (+9821)88825301 | (+9821)88836099 | (+9821)88835924
(+9821)88821109 | (+9821)86073566 | (+9821)86073571
Postal Code : 1588973319

تهران ، خیابان مطهری ، خیابان مفتح ، خیابان زهره ،
پلاک ۳ ، طبقه چهارم ، واحد ۷ کد پستی: ۱۵۸۸۹۷۳۳۱۹
تلفن: ۸۸۸۳۵۹۲۳ | ۸۸۸۳۶۰۹۹ | ۸۸۸۳۶۱۰۹ | ۸۸۸۲۵۳۰۱
۸۶۰۷۳۵۶۶ | ۸۶۰۷۳۵۹۱