

PIPENET VISION SOFTWARE MODULES

New Features – Upcoming Versions

New Features

- PSIZE.FOR in the Standard/Spray calculator no longer writes the PSIZE.TMP file.
- 'Sunrise on the Internet' option added to Help menu –opens browser with Sunrise website displayed.
- Changes to allow colours to be changed in colour schemes dialog.
- New KPa and MPa units (Standard/Spray calculator).
Note if more pressure units are to be added the number of files to be changed will be halved, mainly through the use of the ISGAUGE and ISGAUGEN functions.
- New KPa and MPa units (Transient calculator)
- New KPa and MPa units (GUI)
- Amend DTDs to reflect changes.
- Colours in the SDF file are now represented as HTML colours "#rrggbb" instead of as an integer colour values.
The GUI will of course still read integer colour values for backwards compatibility.
- Rationalize definition and use of some primary constants, for example GRAVITY and POUNDSINKG.
- Allow Rankine temperature option in Transient units dialog.
- Support for explode node
- Maximum and Minimum Force Report – new section in Transient browser output.
- New NFPA style hydraulic graph in front-end
- New NFPA style hydraulic graph in NFPA report
- New Inertial Pump model – calculator
- The net height change for all caissons must be positive.
- Changes to add velocities as variable types in tables: short pipes and pipes.
- Return and display in GUI pressure extrema for components, pipe types and forces - calculator.
- GUI now checks for non-pipe components having unequal input and output elevations when the node elevation option is being used.
- New pressure control valve for Spray calculator –requires specification.
- Changes to caisson model
- Heat transfer for the Standard module – requires specification.
- Velocity pressure specification
- Update manual and on-line help to include mention of spray angle for a nozzle (used by Auto-layout only)
- Improvements to open channel flow model
- Forces dialog to be replaced by a much simpler approach based on a schematic representation of forces. Can display forces on schematic (noneditable) and simplification/clarification to dialog.

- Number of Spray pipe sizes increased to 31 in Transient
- Add pre-processor statements to permit generation of demo versions.
- Fix/change to allow spaces in labels/tags
- Detailed and unambiguous specification for the redesign of the Analysis/Design phase selection.
- Report generator
- Distinguish LAN/WAN use in FlexLM using the network part of IP address. Requires changes to licence database.
- Automated sprinkler design for vessels and areas –new horizontal cylinder and sphere.
- Pump efficiency curves.
- Pump on/off status – calculator
- Variable pump speeds – calculator
- More work on simplifying forces – graphical definition of forces, etc.
- Thermodynamics, chemical properties
- Windows 64-bit version – requires purchase of new computer(s) and compilers. Will be a major undertaking.
- New graph viewer