



PIPENET® Leading the Way in Fluid Flow Analysis

PIPENET Transient Module:

- **Hydraulic Transient Forces**
- **Pump Models in PIPENET**

Free online training webinar

PIPENET Transient module is a powerful tool for rigorous dynamic analysis that pinpoints problem areas and suggests potential solutions. It is ideal for analysing pressure surge, water hammer, steam hammer, modelling control systems and calculating hydraulic transient forces.

Webinar agenda:

Hydraulic Transient Forces in PIPENET:

Why do hydraulic transient forces arise and why are they important?

What is the difference between simple and complex forces?

What are rigid and elastic joints?

What are control volumes and how do we define them in PIPENET?

What components must be control surfaces in simple force?

Are nodes essential for forces?

What difference do anchors make?

Interfaces with pipe stress analysis programs.

Pumps in PIPENET

Why do we need three pump models?

Simple pump model in detail.

Inertial pump model in detail.

Turbo pump model in detail.

What are Suter curves?

Examples of the use of different types of pump.

Will the three pump models give the same results if they are based on the same data?

Kindly register for the webinar on our website page

<https://www.sunrise-sys.com/pipenet-transient-forces-pumps-webinar/>

For any questions, please do not hesitate to contact us by email pipenet@sunrise-sys.com.

We look forward to meeting you online soon!