

AFT Impulse™

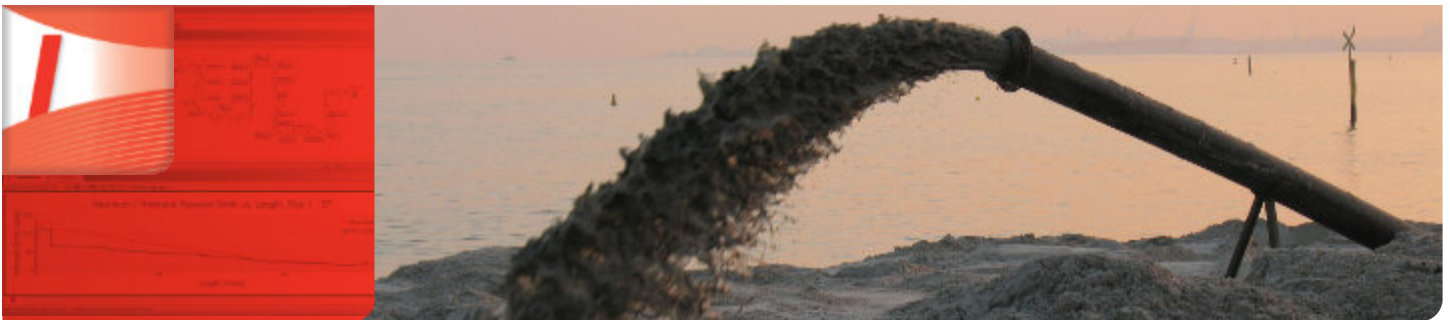
Add-on Modules



Enhance Your Transient Analysis

Building on the foremost software for calculating pressure transients in piping systems, the AFT Impulse add-on modules extend your analysis capabilities. These modules have been designed specifically for AFT Impulse and can work with existing AFT Impulse models.

- **Slurry Modeling**- the only commercial software that can model both non-settling and settling slurries.
- **Pulsation Frequency Analysis** - identify and avoid resonant frequencies



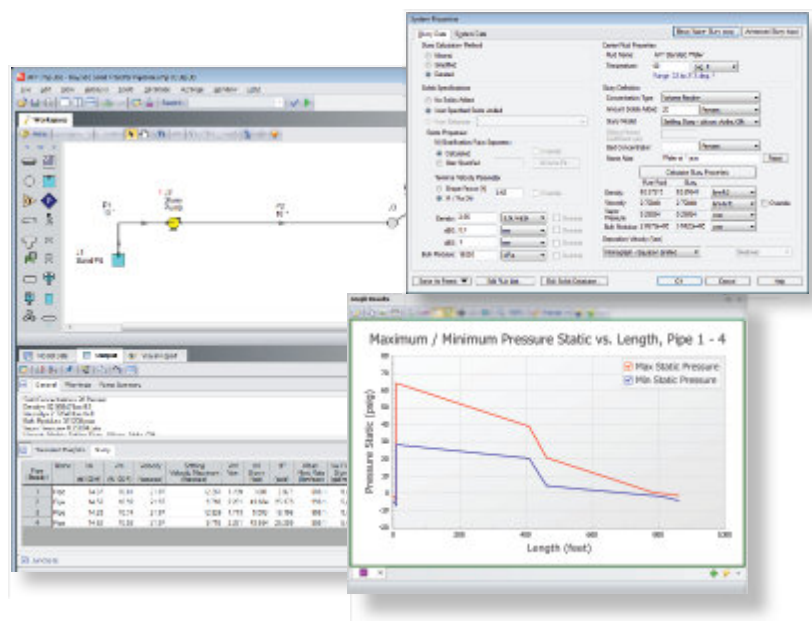
Settling Slurries SSL Module

Benefits

- Expertly handle slurry system challenges
- Avoid system failures
- Prevent plugged pipes and misapplied pumps
- Improve safety by understanding slurry waterhammer transients

Capabilities

- Solutions from the leading Wilson/GIW method
- Shareable database of solid particle properties
- Slurry pump de-rating using Warman or ANSI/HI methods
- Produces output reports with settling velocity ratio, slurry volume/mass flows and other slurry parameters
- Calculates wave speeds for liquid-solid mixtures





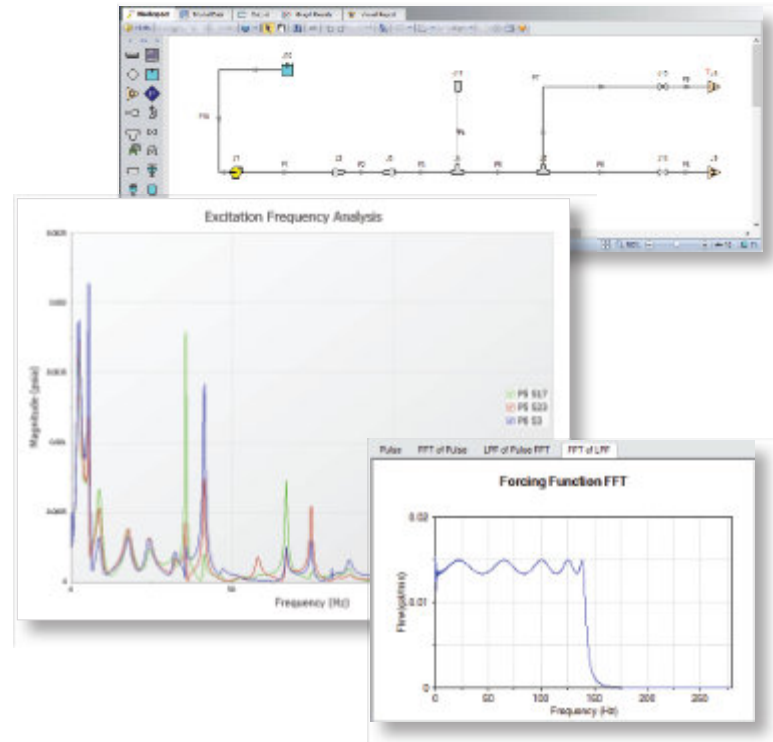
Pulsation Frequency Analysis PFA Module

Benefits

- Avoid system weakening, damage and/or failure
- Reduce operating and maintenance costs
- Minimize disruptions in production processes

Capabilities

- Understand and predict resonant frequencies in systems that use positive displacement pumps so they can be avoided in operation
- Automatically create scenarios to evaluate how large pressure pulsations are when operating at the resonant frequencies
- Compare the pressure pulsation magnitudes to that allowed by API Standard 674 so you can check compliance with this standard



World Class Support

Your software includes one free year of product upgrades and technical support. Additionally, AFT offers a variety of training for all levels of knowledge.



Training Seminars

This classroom style setting teaches you how to be an AFT analysis and simulation expert.



Free Webinars

Hosted & recorded webinars talk about products and solutions-based uses.



Flow Expert Package

Utilize our experts to help you with projects or simply supply expert analysis.



Tips & Tricks

Each month, an AFT engineer gives newsletter readers tips & tricks to keep you up to date.