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Product Solutions. MSI offers several product solutions to complement its service offerings. MSI's Envision Motion division now offers VibVue™, allowing you to actually see rotating machinery and piping vibration using high-speed video by amplifying the motion – learn more at envisionmotion.com. Pulsation & Mechanical Analysis: Reciprocating Compressor. Pulsation study, mechanical review and frequency avoidance analysis, forced response analysis (when required); per API 618, API 688 and GMRC High-Speed Compressor Guideline. Structural vibration occurs when dynamic forces generated by compressors, pumps, and engines cause the deck beams to vibrate. This vibration leads to piping failures, poor equipment reliability, and safety concerns. Piping Technology manufactures high-quality custom engineered pipe supports, spring hangers, pipe clamps, pipe shoes, pipe expansion joints, insulated supports, slide plates, field services, emergency services & more.