

FIELD-PROVEN

NEAR ZERO PRESSURE LOSS

PULSATION ATTENUATION NETWORKS (PAN) FOR RECIPROCATING COMPRESSORS

OPTIMUM's Pulsation Attenuation Network, **PAN**, (patents-pending) does what was previously thought to be impossible. PANs attenuate reciprocating compressor pulsation to acceptable levels **WITHOUT PRESSURE LOSS**.

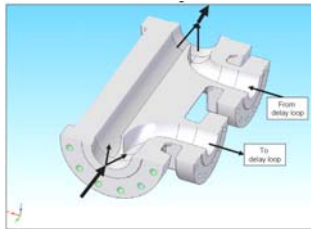
- ❑ Eliminates all bottles, baffles, choke tubes and orifice plates
- ❑ Dramatically enhances the efficiency and flow capacity of compressor stations
- ❑ Provides a rapid ROI

MODEL-BASED DESIGN AND OPTIMIZATION

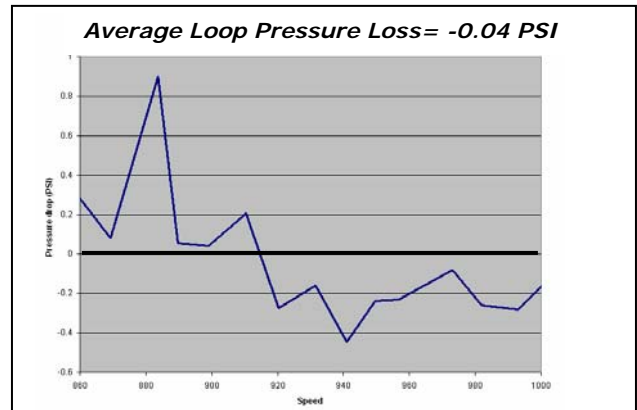
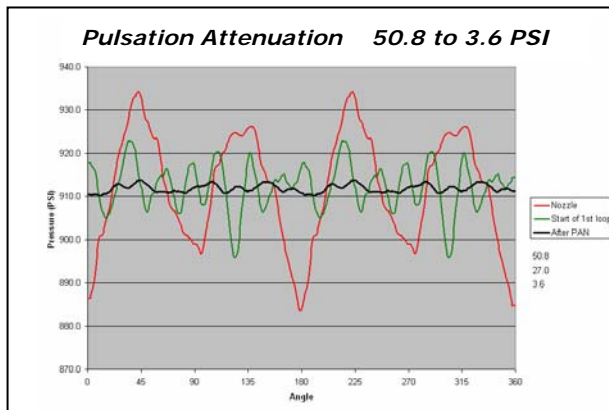
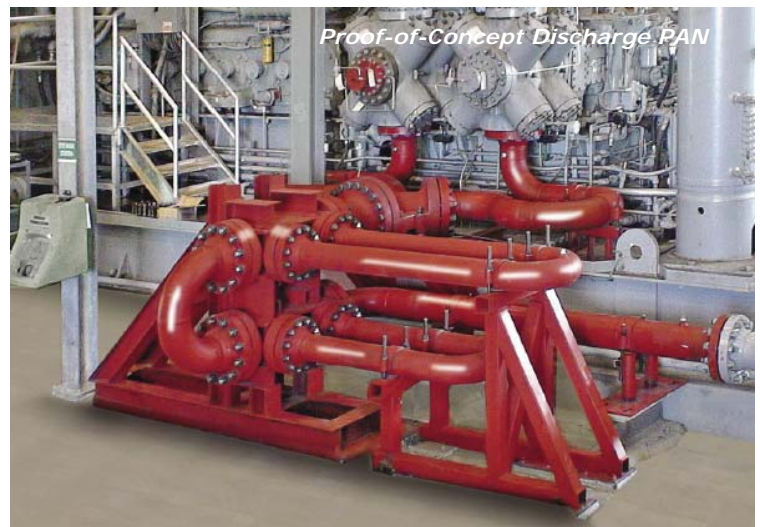
After decades of R&D, OPTIMUM has created the world's only unsteady gas dynamic pumping station simulation system, **Virtual Compressor**. Whether you are upgrading an existing station or building a new one, OPTIMUM's design team can use Virtual Compressor to accurately model your compressor and pumping station and optimize the PAN geometry to maximize that station's performance goals for efficiency and mass flow.

TUNING SECTION TRANSITIONS (TSTs)

ACI's *PulseBusters* TST™ products facilitate the design and construction of new and retrofit PAN systems with standard pipe and components. Designed and built to rigorous specifications, ACI TST's are critical elements of any PAN system.



Cutaway of a TST junction
(Patent Pending)



TRUSTED INDUSTRY LEADERS

ACI and OPTIMUM can provide complete PAN system designs and procurement specifications or complete turnkey installations to satisfy individual customer requirements. For more information contact:



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