

Manifold Optimization System (MOS)

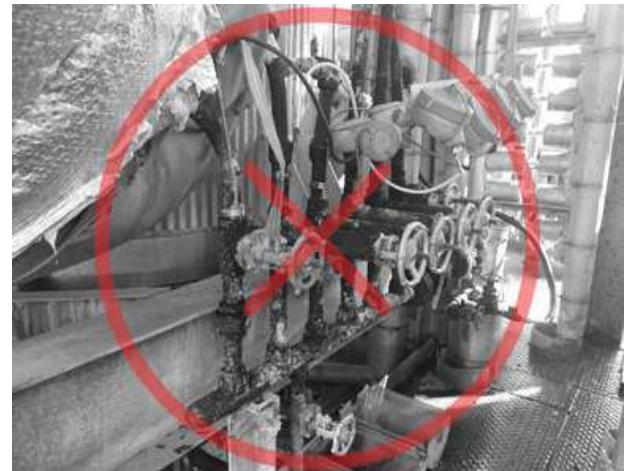
"Less is MOS"

Historically, placement decisions for heating system infrastructure have been governed by inefficient plant specs and other non-engineered methods. These methods often require field engineering and decisions that lead to both increased infrastructure and ongoing maintenance costs required to maintain the equipment.

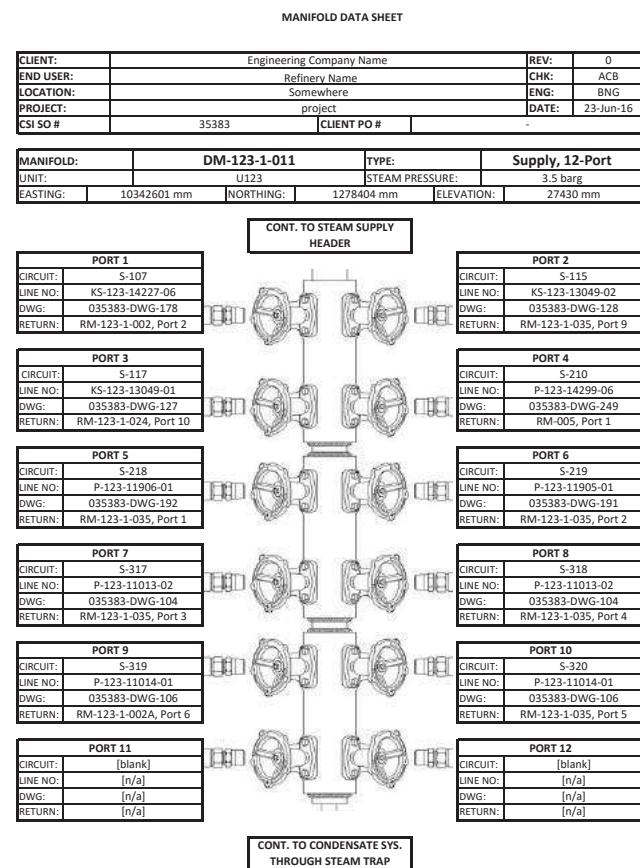
With development of the **Manifold Optimization System (MOS)** program offering, CSI has revolutionized a way to optimize the infrastructure associated with any jacketed or trace heating system.

Benefits

- Fully Optimized Manifold Placement:** All circuit routings evaluated to determine minimum quantity of manifolds required.
- Performance Based on Engineering:** Circuit lengths maximized based on pressure drop analysis.
- Reduced Installation and Labor Costs:** Fewer manifolds and more strategically placed manifolds reduce overall installation & labor costs.
- Operations Efficiency:** Less infrastructure equals lower cost throughout the life of the plant.



Forgotten Plant Infrastructure: The lines shown above tie into one steam trap, which results in condensate back-up and poor tracing performance.

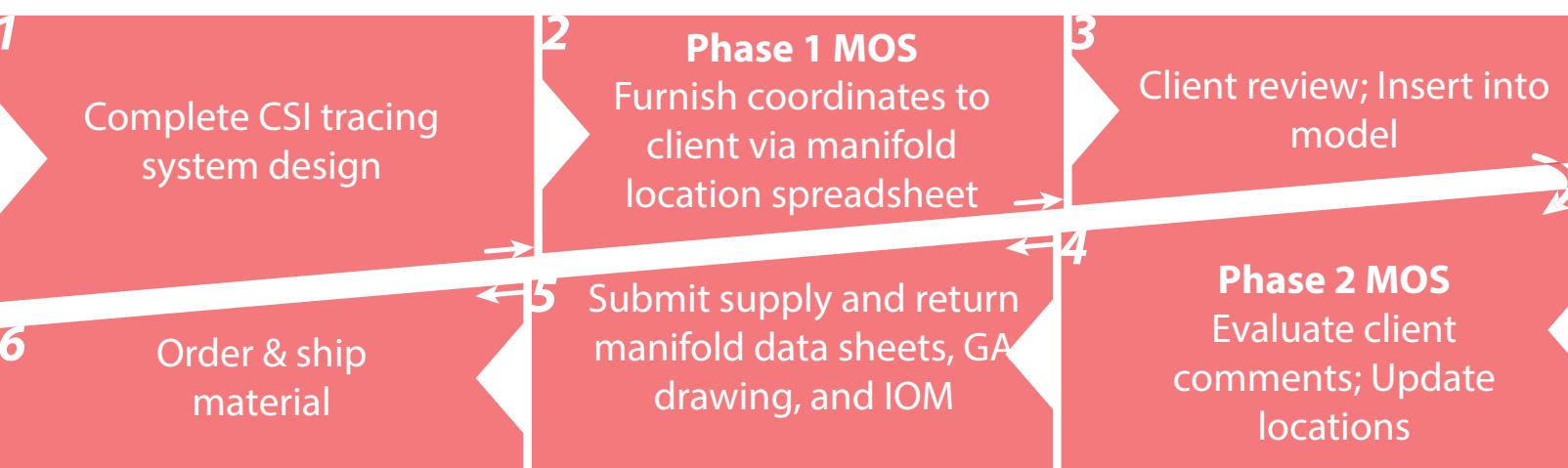


CSI MOS Deliverable: Each manifold has specific location and circuit ID.



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MOS Process

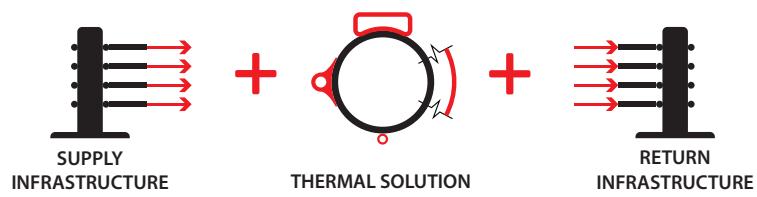


MOS Program Output



Total Plant Solutions

From choosing the right heating system to designing the supporting infrastructure, CSI can optimize your plant to deliver a TOTAL PLANT SOLUTION which uses the appropriate thermal solution while minimizing costs of both the heating system and infrastructure (manifolds/supply-return tubing/steam traps).



Please Send All Quote Requests To:

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