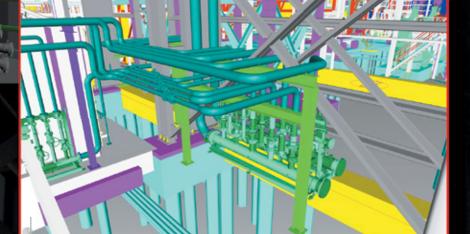




The Systems Difference.



Typical OEM or General Engineering Firm

- a. Unusable pipe routing
- b. Valves that cannot be accessed
- c. Pipe running through structural steel and equipment
- d. Unsupported pipe
- e. Inability for 'easy' future maintenance

The Systems Difference

- · Rooms for Vents, Drains, or PSV's
- Meters Accessible
- Pipes Supported

 Our models are 'smart' down to schedule of pipe, types of valves, and even bolt sizes.

WE FIND ALL THE ISSUES BEFORE IT'S BUILT

- Minimize Rework
- Cut Change Orders
- Faster Install

Systems has been installing process piping for over 50 years, meaning we know what works and what doesn't. When we first started installing pipe for the Steel Industry, we learned very quickly that what a typical OEM or General Engineering firm provides is completely unusable out in the field for installation (we learned this the hard way!). We've taken our 50 years of experience and built out a whole new engineering team that can design greenfield or brownfield projects. With greenfield projects, our team can model every aspect of your plant; after installation, we can laser scan the install to make sure it matches what has been modeled. With brownfield projects, our team starts with a laser scan, then builds a model of the upgrade fitted to existing connections. Our model review process makes it easy to request changes and tweak designs before installation starts happening in the field.



SEE YOUR PROJECT COME TO LIFE

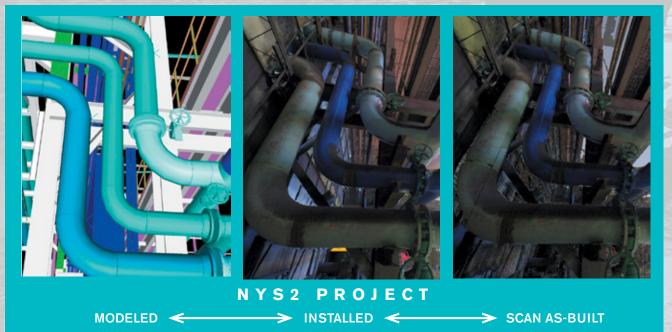


QUALITY CONTROL TO ENSURE INSTALL MATCHES MODEL

MODEL SHARING

- Accurate Elevations
- Used By All Disciplines
- Accuracy For Construction/ Equipment Placement
- Ability To Xref/Combine Multiple Models





ACCURATE
information
saves hours.
1 Hour of Shop
Work =
2.18 Hours of
Field Work

Gives Systems
ACCURATE
information to
produce by using
'smart' modeling
software

Model Sharing

gives the Ability to

XRef/Combine

Multiple Models BENEFITS

OF 3-D

LASER SCAN

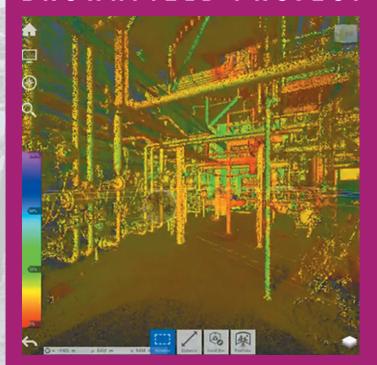
MODELS

Quicker

Field Install

Smart Models -- Not just images -- All components

BROWNFIELD PROJECT



System uses multiple 3-D scan locations that give billions of points of data that is accurate down to 2mm.



Field install foremen have ACCURATE

- Routing
- Installation ISO'sSpool Drawings
- Bill of Materials
- 3-D Model

Matching
Cartesian
Coordinates
give ACCURATE
Measurements for
Elevations and
Contruction Equipment
placement

SYSTEMS COMMAND HQ





Command HQ is a custom-built project management application that allows our Engineering team to work in tandem with our Construction installation crews. It can automatically pull material information from our models for purchasing and prevents material overbuys and underbuys. It also tracks installation progress against what has been modeled amongst other features.



SMART PRINT SHACK



We outfit our super-intendents and general foremen with engineering grade laptops for model reviews with our customers and internal team. Our field offices are equipped with large TVs to help facilitate this process.

- Regular model reviews with customers
- · Ability to catch issues before install

Out in the field, whether greenfield and solar powered or inside an existing mill, we deploy 'smart' print shacks, outfitted with engineering grade laptops to run 3D models, large TVs for large group meetings, and of course a printer! Our foremen also have access to the project model and drawings on their iPads.

- Daily reviews with install crews.
- Available for other contractors.





Systems has taken over 50 years of process piping experience and built out an engineering team with capabilities unheard of in our industry. Our engineers and pipe designers can take your project to a whole new level of excellence.

- Laser Scanning
- PE Engineering
- 3D Modeling

- Greenfield Projects
- Brownfield Projects
- Pipe Modeling

- Equipment Modeling
- Structural Steel Modeling
- Pipe Spooling