

# The ADF EXPERIENCE

Valuable information. Trusted service. Problem solved.

Q3 | 2019



## Rethink Piping: A New Approach to Increase Productivity and Safety

Alex Fishman, P.E. | ADF President | [afishman@adfengineering.com](mailto:afishman@adfengineering.com)

### The construction field is changing.

While productivity due to robotics, automation, and other improvements have emerged in industries like manufacturing, the construction field has seemed to remain flat for decades.

Construction is highly labor-intensive and challenged by a shortage of skilled workers, both of which can make increasing safety and productivity rates difficult.

But it is anything but flat.

### Productivity is up.

In fact, recent developments in software and new tools for engineering and management are changing the game, especially when it comes to existing facilities.

For example, 3D laser scanning can now be used to acquire digital information and send it to a specialized fabrication shop. The shop then welds and assembles materials, and delivers the pre-fabricated assembly to the construction field. With everything completed and pre-assembled out of the field, the amount of work in the field is reduced substantially. This new approach also increases accuracy and decreases the need for special equipment, scaffolding, elevated work, or managing other safety aspects.

Construction is rife with opportunities to streamline safety and work in the field.

### Introducing a whole new approach to piping services.

With the emerging technology, software, and methods, we developed a new approach to increase productivity specifically when it comes to one of our key services: piping projects.

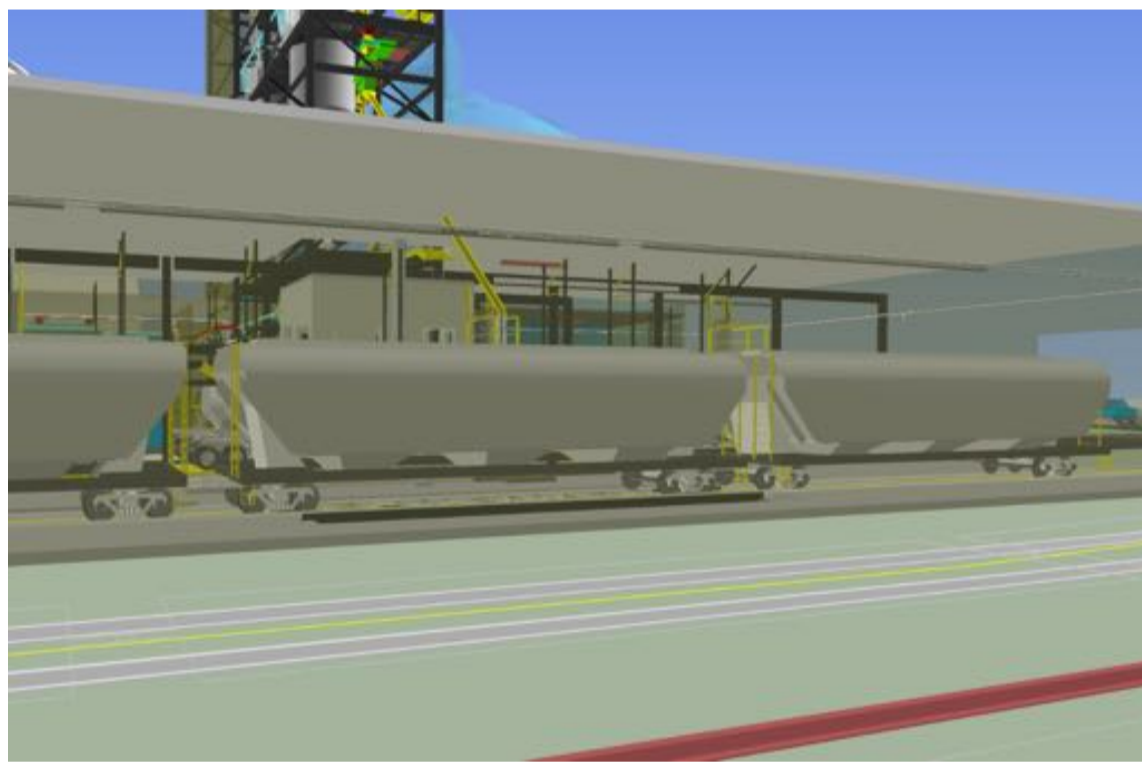
From engineering to pre-fab and installation, our packaged piping services will increase your productivity and safety right away.

[Click here to see exactly how ADF is the total package.](#)

## In case you missed it: Sugar Handling Webinar (Plus a free checklist!)

**In case you missed it:** Are you worried about how temperature change and humidity might affect the sugar your facility uses? Check out this recording of our recent webinar to learn about common handling issues throughout the baking industry, including moisture and temperature control. Ray Smith, who has nearly 20 years in dealing exclusively with sugar handling, provides a unique and rare insight into the best practices associated with sugar handling opportunities.

Would you like a free checklist to assess your sugar handling? [Click here.](#)



## Sugar Handling Project Spotlight: Doubling Sugar Unload Rates

Natalie Quinn | Process Engineer | [nquinn@adfengineering.com](mailto:nquinn@adfengineering.com)

Recently, we retrofitted our client's sugar unload system into a tight space for improved sugar recovery from railcars. Before our solution, their vacuum pneumatic system's actual sugar unload rates were about 8,000 lb./hr less than the original effective design rates (30,000 lb./hr).

[See how ADF's conceptual design option doubled effective unload rates.](#)

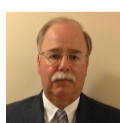
## ADF Engineering Director Featured in Inform Magazine

Matt Williamson, P.E. | Engineering Director | [mwilliamson@adfengineering.com](mailto:mwilliamson@adfengineering.com)

Engineering Director Matt Williamson, P.E., recently authored an article about effective control for truck loadout. [To read the article as it appeared in this month's issue of Inform Magazine, click here.](#)

### Upcoming Events

**American Bakers' Association Tech Conference** in Atlanta, GA, Oct. 20-23 - ADF's Consulting Engineer Ray Smith will be giving a presentation for CE credit on best practices to keep your bakery facility clean. [Learn more here](#) or [contact Ray](#) for information.



### How are we doing?

Have an idea for a topic? Want to provide feedback? [Let us know what you think!](#)