



# HORIZON PSI

OUR BUSINESS IS YOUR BUSINESS



Solutions and Services Overview

# We see the big picture.

At HorizonPSI, we don't just think about the end game, we think about the whole game. We design, manufacture, install and maintain every aspect of process systems for businesses big and small – and we do it right here in the U.S.A.

Whether you need a single component for your existing setup, or are building a new facility, trust us to have all the solutions you need. After all, our number one reason for existing is you. Our business is your business.

## Answers backed by industry-specific Expertise.

### Food and Pet Food: When Sanitation is Absolutely Essential

Keeping up with consumer trends, government regulations and quality demands are challenges we all face in the food and pet food processing industries. At HorizonPSI, we understand the complete end-to-end process inside and out. Seeing the whole picture allows us to develop sanitary systems that comply with FSMA and GFSI standards, and can grow and evolve to fit your business's needs.

Whether you're building a completely new production facility or looking for innovative ways to enhance the efficiency, safety and reliability of your existing one, trust HorizonPSI to develop custom solutions that meet or exceed quality and sanitation standards.

### Plastics and Chemical: Solutions for Those Who Need Consistency and Efficiency

When it comes to plastics and chemicals, your reputation is based on the quality and consistency of your end product. Regardless of whether you work with pellets, powders or a wide array of other source materials, our engineering-first approach will ensure that your entire line is working in tandem to precisely execute your batching routine.

When appropriate, we can even custom manufacture OSHA- and NFPA-conforming systems to ensure the safety of your workers, reduce the risk of explosion and remove nuisance dust.



#### FOOD

- Confectionary
- Bakery
- Chocolate
- Cereal
- Cookies/Crackers
- Tortilla
- Coffee/Tea
- Seeds, Nuts, Grain



#### PET FOOD

- Ingredients
- Premix
- Kibble
- Treats
- Feed



#### PLASTICS

- Compounding
- Composites
- Pipe
- Windows
- Siding
- Fencing



#### CHEMICAL

- Polymers
- Fertilizer
- Synthetic Rubber
- Pigments
- Carbon Black
- Detergents



# Our Secret Ingredient? Precision.

## Ingredient Management Solutions

Even the best recipe requires an ingredient management solution to recreate it faithfully time and time again. At HorizonPSI, we know what it takes to deliver that kind of consistency.

From flexible material receiving and storage options to precision weighing, blending and automation controls, our unique Intelligent Ingredient System (I<sup>2</sup>) easily adapts to fit your batching routine.



## Storage Solutions

Your method of storing and accessing materials for processing is both a facility and automation issue. At HorizonPSI, we work with customers big and small, offering a wide variety of storage and access solutions.

From custom loading platforms and custom bin clusters to bag dumps and stackable rigid intermediate bulk containers (RIBC), we have a right-sized solution to help you execute your storage and loading process.



## Transfer Solutions

Properly transferring ingredients can make all the difference in the quality and cost of the products you bring to market.

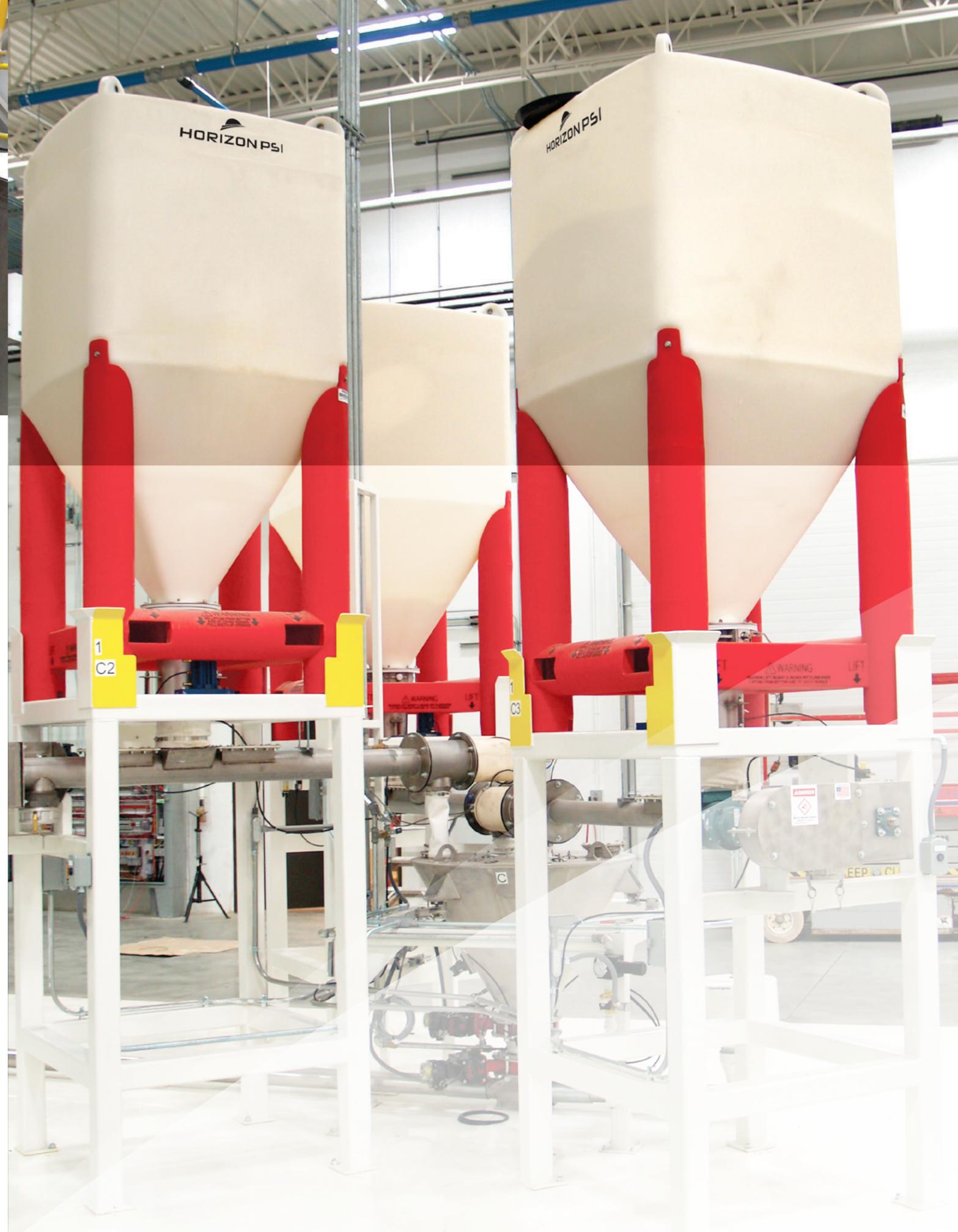
Whether you're working with large particulates or fine powders, HorizonPSI experts can help you determine the best type of transfer technologies – everything from mechanical conveyance to pneumatic dilute phase to our ConTran™ continuous dense phase solution – to work in tandem with your essential anchor equipment like mixers, extruders, dryers, ovens, toasters, coaters and coolers.



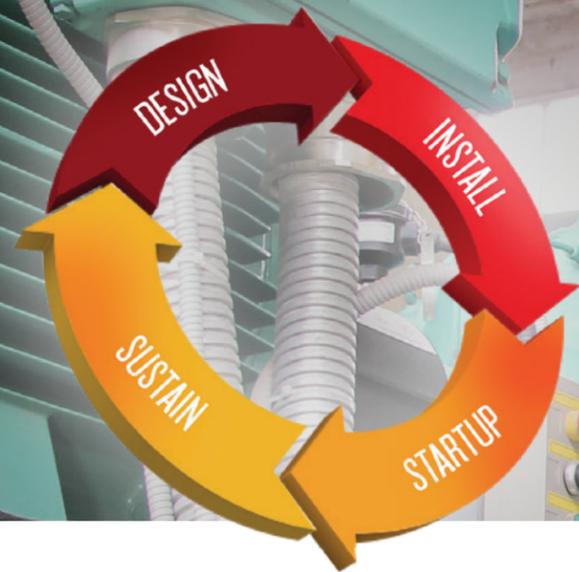
## Automation Solutions

At HorizonPSI, we do everything we can to help you protect your employees, products and brand. At the heart of this pledge is the proper automation and control.

Even the best components, facility, process and recipe simply don't work without it. HorizonPSI custom manufactures each system and develops intelligent automation solutions to precisely control every aspect of your process line.



# We don't just sell equipment, we provide Solutions.



## Engineering & Design

When you work with HorizonPSI, a project engineer will be assigned to manage your project. We design and customize every system to your specifications.

Our complete end-to-end expertise ensures that we'll deliver innovative, risk-appropriate and process-safe material handling and pneumatic conveying solutions to meet or exceed your objectives.

## Installation & Startup

Once we've designed a solution to fit your needs, rely on our installation services to secure the right contractors, supervision and startup services to ensure smooth startup. If you're relying on your own contractors, we also offer a simplified installation review service.

Once we've installed the system, our system startup services can properly commission the system, verify performance and make any necessary alterations.

## Technology

Every new piece of technology we design is extensively tested to ensure its functionality, safety, performance and reliability before it ever reaches a client.

Our Technology, Service and Testing Center is a state-of-the-art facility that allows us to conduct the research and development needed to continually deliver new innovations and support our engineering initiatives.

## Manufacturing & Machining

Every process line is unique and often involves custom-built components. To keep you up and running, we manufacture custom and machined parts, pieces and components.

From airlock rebuilds to replacing custom parts, HorizonPSI has the overall expertise to help keep your systems running.

## Field Maintenance

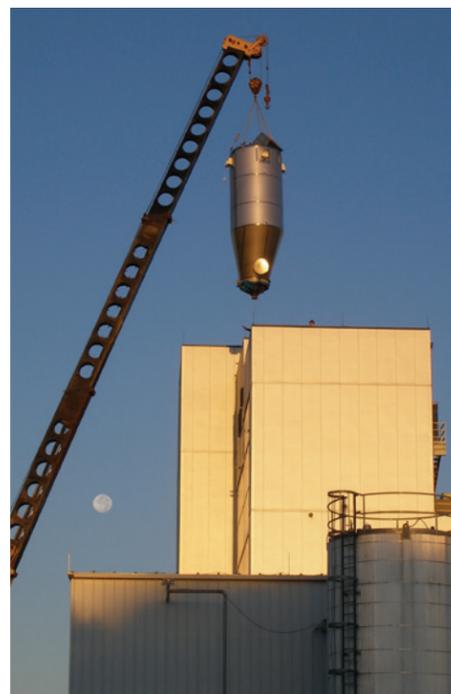
At HorizonPSI, we stand behind our equipment and have the resources to make sure your systems perform as designed. We're available to provide on-site diagnostic services and preventative maintenance to ensure your components and systems work safely and efficiently.

Whether you're simply looking for replacement parts or full system upgrades and repairs, our Field Service Team will be there to keep your business moving.

## Sanitation & Safety

The safety of your workers and end consumers is paramount. If sanitation is a concern for your products, we can work with you to identify potential problems and develop a sanitary process that protects your products from bacterial or cross contamination by active cleaning, as well as eliminate employee exposure to carcinogens and irritants.

If your process handles combustible dust, we can also help design a system fully compliant with NFPA and OSHA guidelines for protecting your workers and facilities.





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