

envista®

Design Solutions



YOU HAVE COMPLEX FACILITY DESIGN AND BUILD CHALLENGES. **WE CAN HELP.**

enVista is your trusted partner for all of your design solutions needs, from facility design to build services and system implementation.



Today, there are more choices than ever for organizations engaging in a facility design project, and the stakes have never been higher with the increased focus on faster delivery times and increasing consumer expectations. enVista is the **industry leader in designing facilities** to meet these demanding requirements.

We will take a **holistic approach** to your facility design process using your immediate needs but also take consideration of strategic plans for the future.

From the initial facility assessment, through system design and implementation, enVista provides a **single point of trusted consultation**, engineering, project and construction management, and most importantly, enVista provides a **single point of responsibility**.

We are an industry-leading group of supply chain experts that can objectively **identify and implement the best solutions** for your organization's Facility Design needs – without preconceptions or bias towards particular solutions or manufacturers.

Our facility design team analyzes client operations holistically and develops **process improvements to support long-term business goals**. Material handling equipment recommendations serve as just one design component supporting a broader supply chain strategy.

enVista is a **single, trusted partner for all aspects of the design and systems implementation** phases for your facility. We can provide data-driven facility design modeling, **solution-agnostic** materials handling solution technology and software evaluation, engineering expertise and a seamless project implementation with unmatched project management.

With our standardized approach, collaborative and cross-functional work sessions, and our **depth and breadth of consulting and operational experience**, we offer pragmatic financial and operational design solutions to streamline your process from facility analysis to build concept.

FACILITY DESIGN OVERVIEW

Facility Design is critical in addressing a multitude of distribution challenges. These business challenges must be addressed while controlling capital expenditures and overhead costs, and incorporating system flexibility for growth, scalability and business contingencies. enVista's Facility Design methodology unlocks insight into your business that enables agile and flexible integrated solutions to greatly improve your operational performance and generate exceptional return on investment.

We offer a comprehensive facility design solution that includes material handling equipment layout, labor analysis, proposed processes, system requirements, and financial analysis and justification.

enVista delivers facility designs tailored to your unique supply chain requirements through sound industrial engineering principles linked to business growth projections, real-world operational insights, and solid financial discipline.

FACILITY DESIGN PROCESS

A company's supply chain processes, technology, labor, material handling equipment and long-term business goals should effectively dictate its facility design. At enVista, we synchronize the physical and material flows of a distribution center with data to create the most optimal facility.

Our Process



1. Discovery

- Project Planning & Kickoff
- Project Charter
- Data Collection & Normalization
- Site Observations & Interviews
- Business Strategy Alignment
- Current State of Lean Process Flows



2. Analysis

- Baseline Data Analysis
- Design Criteria – Throughput & Capacity
- MHE Concept Analysis
- Space Requirements & Block Layouts
- Conceptual Equipment Layout
- Software Gap Analysis



3. Details

- Future State of Lean Process Flows
- Equipment & Costing Summary
- Labor Analysis
- Financial Analysis
- Transition Roadmap
- Executive Presentation

PROJECT MANAGEMENT

enVista provides a broad-range of facility design service offerings to meet your unique needs, including:

- Greenfield distribution center design
- Existing distribution center retrofit design
- Distribution center Lean audits and optimization – space, throughput, efficiency, flexibility
- Active pick location optimization/SKU slotting systems and support
- Material handling technology reviews and evaluations
- Acquisition integration



BENEFITS OF ENVISTA FACILITY DESIGN

By partnering with enVista, you will have a supply chain partner who can clearly translate business requirements and strategy into a robust facility design solution that meets your needs today, as well as into the future. We will ensure your facility design drives out costs through productivity enhancements, optimizes the use of critical warehousing space, and enables operational flexibility to adapt to changing volumes and requirements.

Designing a world-class facility that enables your distribution and order fulfillment operation with enVista:

- **Offers flexibility:** Allowing for adaptation to changing business conditions
- **Drives productivity:** Meeting growth requirements and tomorrow's challenges
- **Lowens cost:** Focusing on better labor utilization, space savings and ROI
- **Mitigates risk:** Developing realistic implementation plans that meet organizational timelines without being disruptive to ongoing operations

Benefits

- Eliminate non-essential processes
- Reduce operations costs (labor, inventory)
- Improve utilization of space
- Reduce order cycle time
- Reduce capital expenditures (facilities, equipment)
- Improve customer service
- Optimize system utilization (WMS, LMS)
- Optimize equipment utilization



DESIGN BUILD OVERVIEW

enVista's Design Build Services offer a single point of responsibility, from facility concept to beneficial use of the system, significantly reducing project timelines, internal resource requirements, and overall investment.

Optimal distribution facility designs are created collaboratively, combining clients' intimate knowledge of their business with our engineering team's efforts and expertise. We begin by learning a client's current processes, results and long-term business goals.

DESIGN BUILD SERVICES

enVista's Design Build Services team averages over 20 years of experience providing cost justified engineered solutions. We bring a diverse team of experts to your project. Our Design Build Services practice includes a strong engineering design team with hands on experience, certified project managers, and a software implementation group, all working together to look at each aspect of distribution within the four walls of your facility.

Our collaborative approach to developing material handling solutions addresses every facet of your operation: people, processes, space and technology. These four cornerstones of facility design ensure that your business will decrease operating costs, increase quality, increase service to your customer and ultimately: increase profitability.

enVista's Design Build Practice Includes:

- Proven, detailed MHE designs that focus on optimizing people, process, space and technology
- Unbiased MHE technology and software selection
- Strong engineering expertise
- Highly capable installation services that focus on implementation speed without sacrificing quality
- Unparalleled program and project management that provides a single point of responsibility for systems integration
- Dependable post-implementation service and support

We then evaluate and analyze your critical material flow profiles to obtain objective, data driven direction toward developing alternative facility designs.

What sets enVista apart is that we are not a material handling equipment (MHE) vendor providing equipment recommendations alone. Rather, our mechanical, systems and industrial engineering teams analyze your distribution center operations and develop process improvements to support your long-term business goals. Your facility and material handling equipment are then designed to enable those processes, providing flexibility and scalability for your long-term business goals.

enVista is vendor and partner agnostic, ensuring you receive a completely unbiased team throughout all aspects of the project.

We offer unmatched experience in:

- A variety of automation solutions and technologies
- Solutions engineered for a wide range of sales channels
- A large variety of vertical markets

EXPERT IMPLEMENTATION

Even with an excellent design and the right equipment, technology and services, without proper program management, you can run the risk of miscommunication, project delays, cost overruns and performance deficiencies.

enVista's certified project managers generate your customized Program Management plan, which seamlessly coordinates the numerous interdependent project lifecycle tasks into a single, cohesive execution logistics plan. By clearly defining project roles, tasks, performance expectations, and schedules for all project participants,

enVista's project management methodology guarantees successful project delivery that is on time, within budget and meets productivity expectations.

Components of Our Design Build Program:

Automation, Storage
Media, and Mezzanines

Transition management from
systems integration
to beneficial use

Process Optimization

Testing, Commissioning &
User Acceptance Training

Training

WCS and WES
Software

Highly capable installation services that focus on
implementation speed without sacrificing quality

Here's what our clients have to say...

“ Sometimes you get consultants that promise you the world and deliver nothing. Whereas with enVista, what we found was they backed it up with what they said they would do. There are people out there that do know what they're doing. The enVista team was fabulous, and we had onsite support during our project when we needed it. We were really happy with the results of our project. We opened up the facility in record time, under budget. ”

Bud Biggs – Vice President, IT
Skechers

“ It's been a very collaborative effort between enVista and Zumiez on a lot of different levels, from walking through our distribution center and talking with our teammates to meeting with our management and executive team on the direction we want to go. Some companies come in with solutions they push on you. enVista's been alongside us to determine what makes sense. ”

Will Eaton – Director, Supply Chain
Zumiez

“ Some of the great benefits that enVista has brought for us is whenever we need something, they're always there for us. They've always got the resources in place, and they've always got talented and dedicated employees that want to help out. They're a great partner and they really know the distribution business and warehousing. ”

Brian Foster – Senior Director, IT
Bradshaw International

“ I think enVista brings a very holistic approach and is able to work very swiftly on different alternatives and solutions, presents many, many alternatives, and is able to come back with feedback very quickly. And so that's one piece we were looking for. As far as on the implementation side, I would also say that enVista's been there through the implementation and supported our needs as we ran into different challenges. They came back and made sure everything was satisfactory. ”

Vince Pusateri, Senior Director of Logistics
Luxottica

enVista is the leading supply chain and enterprise consulting firm and the premier provider of supply chain technology & strategy services, material handling automation & robotics, Microsoft solutions and IT managed services. With 20+ years of unmatched domain expertise, enVista serves thousands of leading brands. enVista's unique ability to consult, implement and operate across supply chain, IT and enterprise technology solutions allows companies to leverage enVista as a trusted advisor across their enterprises.



Let's have a conversation.®

envistacorp.com | info@envistacorp.com