



With 20 years of experience in IT Infrastructure and application management, enVista's expertise has developed across hundreds of supply chain and commerce facility projects.

## Warehouse Infrastructure Design and Implementation

enVista provides the design and implementation of enabling facility infrastructure technology necessary to support your operations and supply chain systems within the walls of your warehouse. Our experienced team of supply chain system experts and technology consultants have a deep understanding of the wired and wireless infrastructure required for your supply chain systems to function most efficiently within the warehouse. Our team will provide you with the reliable design and implementation to effectively run your facility operations.

Many companies designing/building a new facility or implementing a warehouse management system (WMS) are not aware that a wired/wireless infrastructure is an integral part of the WMS and automation installation.

When implemented correctly, this infrastructure allows the WMS and the material handling/automation equipment to maximize data collection on the warehouse floor through the wired/wireless network it supports. In addition, it provides the necessary infrastructure to support radiofrequency devices, material handling, automation and robotics platforms.

*Clients within the supply chain and commerce industries benefit from expert advice and counsel that aligns business strategy & process with technology in the evaluation, planning, implementation, consolidation, migrations and management of digital and physical commerce solutions. The outcome is a lower total cost of ownership, along with an agile and flexible infrastructure that drives improved business performance.*



## End-to-End Design and Implementation Services

As part of the design, there are many sections to the scope for a properly designed facility. enVista provides an end-to-end approach across each of the following infrastructure services:

- Technology infrastructure design & planning
- Wired & wireless networks
- Structured cabling
- Audio/visual & paging
- Fire alarm systems
- Power/electrical
- Surveillance & security
- Information technology – servers & cloud integration
- Equipment/hardware reseller & integration
  - Servers
  - Cloud instances
  - RF handheld devices & printers
  - Laptops, desktops & printers

## Getting Started

The first step in beginning a facility infrastructure project is to select an experienced partner. Most importantly, it is the system design that will determine the success of the infrastructure your facility relies on, rather than the hardware used. Select a partner that is deeply experienced in system design and rely on the designer's expertise to make hardware recommendations that align with the design and fits your needs.



## Client Samples

A sample of some of our experiences include the following clients:

### Cold Chain Storage Company

Warehousing & Distribution: Our scope of work represented installation and design for structured cabling, wireless, surveillance, access control and overhead paging.

### Tactical Gear

Manufacturing and Distribution: enVista's scope of work for the client's facility included cable tray, automation, area conduit, structured cabling installation, design (wired & wireless).

### Logistics Services & Packaging

Manufacturing and distribution: Our scope of work represented multi-site infrastructure upgrades (fiber, copper, wireless, etc.) supporting the entire infrastructure for the client's facility including their material handling and automation equipment.

### Box Subscription Company

eCommerce Fulfillment Center: enVista's scope of work included the initial design and installation of the client's wired/wireless network infrastructure in addition to digital security, access control, public

address & phone systems, audio/visual, and time clocks. We also sourced all equipment needed for the network, server and RF mobility device technology.

### Professional Sports Team Merchandising

Retail & Distribution Facility: The project work effort represented wired and wireless infrastructure design and installation, surveillance and access control.

### Automotive Components Manufacturer

Manufacturing: Our client's scope of work represented new office facility infrastructure installation, wired & wireless networking, integration with automation equipment and installation of equipment.

## Conclusion

Planning is the key to saving time and money when creating the infrastructure for your facility. At enVista, we take the time to understand the current demands of your organization along with future state operations and include those in the system design. Incorporating the business model and input from your distribution center employees along with their personas will create a plan that does not require significant changes after completion, and thorough testing will ensure that the backbone on your facility is secure for operation.

## About enVista

enVista is a global software, consulting, and managed services provider, optimizing and transforming physical and digital commerce for the world's leading manufacturers, distributors, 3PLs/LSPs, and omnichannel retailers. enVista uniquely optimizes and transforms physical and digital commerce – optimizing supply chain efficiencies to drive cost savings, and unifying commerce to drive customer engagement and revenue. These comprehensive capabilities, combined with enVista's market-leading Unified Commerce Platform, Enspire Commerce, and the firm's ability to consult, implement and operate across supply chain, transportation, IT, enterprise business solutions and omnichannel commerce, allows mid-market and Fortune 100/5000 companies to leverage enVista as a trusted advisor across their enterprises.

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