



## Twenty Years and Still Running

### TJX Companies, Inc. Project Profile

#### At a Glance:

**Project Type:** Direct Digital Controls  
**Vertical Market:** Commercial Office  
**Location:** Framingham, MA  
**Size:** 850,000 square feet  
**Products:** Novar  
**Installation:** 1987 - 2006

#### Customer Benefits:

- Centralized monitoring and control
- Energy efficiency
- Flexibility for expansion
- Quality work environment for employees



### Project Overview

TJX Companies, Inc. is the largest apparel and home fashions off-price retailer in the United States and world-wide with over 20 billion in revenues in 2009, eight businesses, and more than 2,700 stores. TJX operations are headquartered in Framingham, Massachusetts.

TJX is a unique installation due to the vast size and scope of the project. The facility is a massive 850,000 square feet with more than 20,000 control points. The facility consists of several large complexes. The original headquarters building was built in 1987 at 770 Cochituate Road. Two towers were added to the facility in 1989 and 1997. The towers are connected and each has approximately 280,000 square feet.

Due to tremendous company growth during the past two decades, TJX has added to its headquarters over the years. A remote 50,000 square foot mail center and an additional 200,000 square feet of space at 500 Old Connecticut Path are new parts of its global headquarters. Also included are a 20,000 square foot auditorium and a state-of-the-art Data Center which handles millions of transactions everyday from around the world.

### The Solution

TJX selected a Novar Building Control System to operate all of the building systems for its headquarters. Novar was first installed in Tower A (renamed to tower J in 1997) over twenty years ago.

As the facility grew, the Novar system grew along with it. The facility doubled its size in 1989, and then added another 50% more to its footprint in 1997. Each time, additional controllers were simply added to the Novar system. Because Novar is "backward compatible," the system expansions were extremely easy with no downtime to the original installation. The hardware is so reliable that almost all of the original hardware is still in place and operating.

### The Bottom Line

TJX headquarters is a testament to the quality and longevity of Novar products and systems. First installed in 1987, the Novar system is still operating smoothly and has required minimal maintenance over the past twenty years. The original controllers are still operating and have been upgraded with new software to incorporate the most current technology.

The Building Management System offers numerous benefits including energy efficiency and centralized management for monitoring and control. It is easy to oversee building operations and make changes as needed which results in faster response times to issues that arise. The system is simple to operate and has a user-friendly system interface. The simplified operation lowers training, labor and maintenance costs.