

# UNDERFLOOR SERVICE DISTRIBUTION

by Tate Access Floors

Union Pacific Headquarters  
Omaha, NE

## OWNER OCCUPIED PROJECT

1.3 million gross sq ft  
880,000 sq ft access floor

## PRODUCTS USED:

CCN 1000  
PVD Modular Wiring &  
Underfloor Air System  
HPL & Modular Carpet



*"Both Hines' operating experience at similar facilities and other relevant studies have shown that under-floor air systems can lead to increased employee performance and a reduction in absenteeism. When the comfort of the underfloor air is considered along with other building features such as abundance of daylight, ten-foot ceiling heights, glare-reducing indirect/ direct pendant lighting, and the atrium features and amenities, we believe the character of Union Pacific's new workplace to be among the world's finest and most cost-effective." Bill Hartman, Gensler*

## TATE AUTHORIZED DEALER

Data Power Technology Corp.  
Omaha, NE

## ARCHITECTURAL FIRM

Gensler  
Dallas, TX

## GENERAL CONTRACTOR

Holder Construction  
Omaha, NE

## ENGINEERING FIRM

Alvine & Associates  
Omaha, NE

## Subject

### UNION PACIFIC HEADQUARTERS

Union Pacific Corporation is one of America's leading transportation companies. Its principal operating company, Union Pacific Railroad, is the largest railroad in North America, covering 23 states from California to Illinois. While planning for their new \$260 million corporate headquarters building in Omaha, Nebraska, the focus was on a healthy, comfortable environment for its 4,000+ employees. The end result is a beautiful 20-story, 1.3 million square foot, glass exterior structure with specific building systems that come together to make this happen.

One of these progressive, efficiency-driven design innovations is Tate's access floors with underfloor service distribution. A typical floor at Union Pacific's Headquarters uses an underfloor VAV system for cooling with four air handling units on each floor. "Swirl" diffusers, installed every ten feet in the floor, provide employees the ability to adjust the ventilation manually to meet their individual comfort levels. The underfloor electrical and data systems enable walls and workstations to be easily moved and reconfigured as necessary. Such innovations support Union Pacific's culture of promoting healthy lifestyles for its employees and Tate Access Floors is pleased to have been a part of this prestige project.

**Tate**<sup>®</sup>