

# Case Study: Network Solutions

## The Customer

A nationwide building supply firm needed to enhance the stability of its corporate wide-area network, while increasing bandwidth available at numerous key locations.

## The Problem

Due to time constraints, the entire deployment - including provisioning of and migration to TDM and Ethernet-access MPLS circuits at nearly 400 locations - needed to be complete in less than 90 days. The upshot was that the customer had no resources to accomplish the migration prior to the retail holiday moratorium. In a drive to realize hundreds of thousands in annual savings, rather than push the project to the following year, the customer not only turned to Lightstream's engineering staff to design the new network, but also engaged Lightstream's project management, field services, and professional services teams and tasked us with delivering the project in a timely fashion.

## The Solution

We dispatched field techs to every location – in many cases to upgrade or replace routers – and then in concert with a Lightstream engineer, reconfigured devices at every location to accommodate the new service. This was followed by extensive synthetic, script-based, on-site validation testing to ensure zero interruption of service to each store. All work was done outside of business hours, and the customer reported not even a single hour of downtime across the entire enterprise during the deployment. Migrating as many as thirty locations in a single day, Lightstream project and engineering teams delivered the turnkey project to the customer the day before the holiday moratorium.