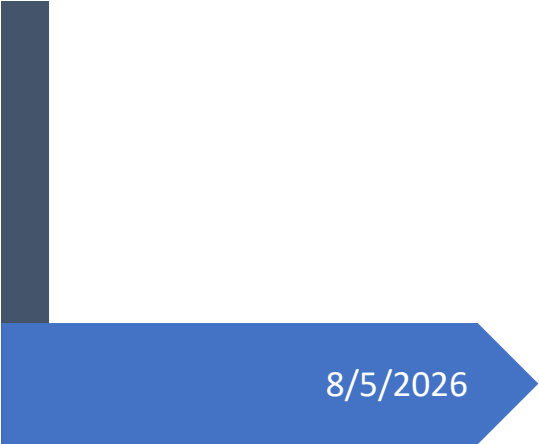
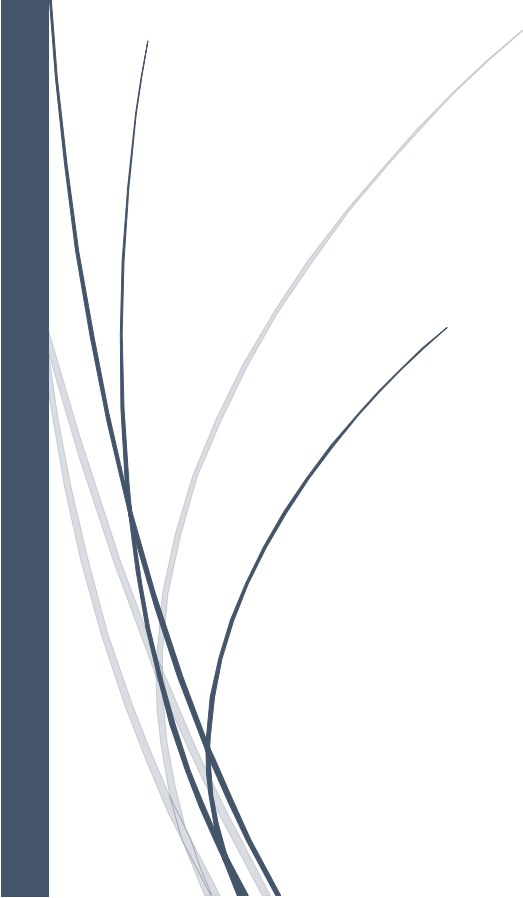


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8/5/2026

DATA CABLING

Van Egmond & Heitlinger

Several thin, curved lines in dark blue and light gray originate from the bottom left and sweep upwards and to the right.

Jacob Paredes

CENTRAL VALLEY NETWORKS

Overview

Van Egmond & Heitlinger contacted Central Valley Networks to help relocate to their new facility, establishing a reliable, high-speed, and neatly organized network to ensure zero downtime. This project involved end-to-end design, installation, and certification of a structured cabling system to support their daily operations.

The Problem

What problems did Van Egmond & Heitlinger Face?

- **Office Relocation:** Moving to a new location with no previous cabling required a fresh start with cabling and infrastructure
- **Organization & Scalability:** A messy or poorly labeled network leads to costly troubleshooting delays, IT frustration, and downtime. They needed a clean, professional, and future-proof setup

The Solution

To deliver a reliable network, we executed the following:

- **Structured cabling deployment:** Successfully ran 28 CAT6 data cable lines through the building, strategically routing them to key workstations and offices
- **Server room infrastructure:** Built and secured a server rack to centralize all network hardware neatly
- **Patch panel installation:** Terminated all incoming runs into a dedicated patch panel, ensuring a clean and easily manageable connection hub
- **Rigorous quality assurance:** For every single line installed, we performed:
 - **Termination:** Precision wire-to-jack connectivity
 - **Toning:** Tracing and mapping every single run to guarantee accurate layout design
 - **Testing:** End-to-end verification to ensure signal integrity
- **Comprehensive Labeling:** Labelled every single wall jack and patch panel port, providing Van Egmond & Heitlinger with intuitive mapping for effortless future maintenance.

Results

- **Plug-and-Play readiness:** Van Egmond & Heitlinger transitioned into their new building with zero network downtime, allowing staff to plug in and work immediately
- **Future-Proof reliability:** Certified, tested lines ensure high bandwidth capabilities, supporting the company's data demands for years to come