



COMPANY CONFIGURATION

Spring Endocrinology



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CENTRAL VALLEY NETWORKS
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Overview

Spring Endocrinology contacted Central Valley Networks to help relocate to their new facility, with cabling and a neatly organized network to ensure zero downtime. This project involved end-to-end design, installation, and certification of a structured network and cable system.

The Problem

What problems did Spring Endocrinology 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
- **Security & Compliance mandates:** Handling sensitive patient data requires robust cybersecurity measures to protect against breaches and maintain standards

The Solution

To address these challenges, we made a comprehensive plan dedicated to their office

- **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
- **Patch panel installation:** Terminated all incoming runs into a dedicated patch panel, ensuring a clean and easily manageable connection hub
- **Core Networking & Wi-fi:**
 - **Root of the Network:** Installed a firewall and router with the proper configurations to segment traffic and protect confidential medical data from external threats
 - **Network Extension:** Installed a wireless access point to extend the wireless coverage throughout the entire building
- **Workstation Deployment:** Set up and configured 3 computer workstations and monitors for immediate use for the medical receptionists and staff
- **Physical Security:** Installed 8 security cameras and a DVR to monitor entry points and waiting areas, to ensure a safe environment

Results

- **Plug-and-Play readiness:** Spring Endocrinology transitioned into their new building with zero network downtime, allowing staff to plug in and work immediately
- **Secure Network:** Installing the router and firewall established a secure network while protecting patients' data
- **Safe Facility:** Camera coverage will keep the staff and patients at peace of mind

