![SMC logo](OUR KNOWLEDGE IS YOUR POWER)

NETWORK DESIGN & IMPLEMENTATION

Imagine new possibilities with a custom-designed network.

Network design is a core component of all technology - if it doesn't work, nothing else will. Networks vary in complexity and usability, and it's essential that yours is dependable and does what it needs. And to build a reliable system, you'll need a trustworthy technology partner.

One of the most complex pieces of ongoing computing is the ever-changing landscape of network design and implementation. What started as a simplistic way of allowing computers to share information has evolved into highly complex systems capable of prioritizing network traffic. Our engineering design services can help you set the stage for long-term success and security.

ASK YOURSELF:

- Are you going to be doing a lot of video conferences?
- Does your voice traffic utilize the same network as your email?
- Is your network set to priorizie voice-over data?
- Do your Teams or Zoom calls tend to 'lag?'

All of these are considerations when determining proper network design.

WE HAVE THE EXPERIENCE TO HELP

Our network design process begins with a comprehensive evaluation of your existing network, as well as your company's current needs and future goals. Whether you need to improve your existing network's functionality or you're looking to start from scratch with a complete redesign, SMC will collaborate with your team to craft a custom plan that meets your needs and your budget.

SMC approached each design intending to gain an understanding of:

- What are the needs of your business today?
- What are your needs going to be next year?
- Is the network secure?
- What should be walled-off from the standard network?

BENEFITS:

- Tailored network design

- Identification of pain points, inefficiencies, and problem areas

- Optimized end-user experience

- Increased uptime

- Maximum efficiency

- Network improvements within your budget

- Increased network security

- A committed team of specialists from project design to implementation to support

For more information, please visit **smcelectric.com**

WHAT TO EXPECT:

ASSESS

We analyze the current need for a new or updated network.

PLAN

We create a plan that includes the most up-to-date technology, along with the appropriate wiring and hardware infrastructure for the specific location.

IMPLEMENT

Once the project is complete, we implement and configure the various devices and technology, such as switches and routers, that make up the network's functional parts.

MAINTAIN

After deployment, our team continually updates, secures, and manages the organization's technology infrastructure.

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