

EDUCATION

We specialize in the design and development of school district and higher education technology programs & services for both capital projects and on-going support.

CORPORATE

Our considerable experience in the financial, health care, manufacturing, and utility industries allows us to develop the most sensible solutions for our customers.

COMMUNITY

Whether for a town, city, county or region, our focus is to enhance economic development, educational, health care and public safety initiatives through the use of collaborative community-based telecommunications programs.

GOVERNMENT

We conduct comprehensive assessments, design, and management of technology and communication infrastructures and systems to best meet and support the organization's goals and objectives.

HEALTH CARE

We provide one of the most cost effective ways for your facility to connect to the Medicare system. We have solutions that range from the single user to hundreds of simultaneous users.

IT & Network Services



ECC provides planning, design, installation, integration and support services for network and wireless communications.

We work with all the major network equipment manufacturers, telecom carriers, Cable TV, utilities, wireless companies and other entities to provide cost effective scalable backbone network solutions.

We develop community and nationally based networks between schools, libraries, municipal, private and healthcare facilities etc., using various local and wide area technologies. We develop campus and community wide fiber optic and wireless backbones to support voice, data and video technologies. We also develop network security plans, policies and procedures.

Our services include design, project management, turn-key solutions and/or managed services. ECC Technologies is manufacturer independent; we are not Value Added Resellers (VARs). This allows us to provide objective solutions that best meet our customer's requirements with the greatest overall value.

Network environments supported by ECC include:

- Apple (MAC O/S)
- Avaya (Nortel)
- Cisco
- Enterasys
- Hewlett Packard (Procurve & 3COM/H3C)
- Juniper
- Microsoft (Windows O/S)
- Novell (Netware O/S)



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Reference Projects:

Monroe County Information Services (MCIS) – Rochester, NY:

Monroe County outsourced its network design, operations, support, maintenance and management to ECC in 1995. ECC manages and supports a 5000 port network for voice, video and data communications for all County facilities and departments, including remote VPN connections to all county cities, towns and villages. ECC is also deploying wireless communications for public safety and Monroe Community Hospital.

ECC assisted the County in 2005 with the formation of a local development corporation, Upstate Telecommunications Corporation (UTC), for the design, procurement, installation and support of all PCs, laptops, servers, printers, telephone PBX/IP systems, enterprise resource planning (ERP), web hosting and LAN/WAN network services for all County facilities and departments. This is a long term multi-million dollar contract for regularly scheduled life cycle planning and technology refreshes over a 15 year horizon.

ECC supports the UTC project management office for all aspects of IT planning, design, installation, management and 7x24x365 maintenance and support.

Fulton Central School District – Fulton, NY:

District technology consultant for current capital project. Responsible for project managing the design and implementation of 1500 port Cisco gigabit network, new HS data center design, server consolidation, UPS, SANs/DR virtualization solutions, classroom video projection, sound and smartboards. Responsible to review all A/E drawings and specifications supporting network infrastructure and applications.

Monroe 1 BOCES Email Migration – Rochester, NY:

ECC Technologies developed Lotus Domino/Notes to Microsoft Exchange/Outlook Email Migration procedures. Project required specifying server, storage systems, application licensing and remote access for migrating more than 1500 Lotus accounts to new Microsoft Exchange email application. VMware test lab developed to validate the migration plan and procedures; and demonstrate the viability of the migration program before deploying for the entire school district.

SUNY ESF Replacement of Underground Communications Infrastructure – Syracuse, NY:

Currently in design phase of project to replace underground communications infrastructure (copper & fiber). Project provides design and construction documents of outside plant (OSP) infrastructure necessary to support current facilities, planned expansions and future growth for campus-wide communications. Project also includes replacing the campus telephone system and significant upgrades to network communication systems to support 10G Ethernet network backbone.

Maxim Management Services – Buffalo, NY:

New medical services campus constructed in 2008. Maxim customizes its services to meet the special needs of any medical practice, from general consulting services to complete outsourcing of internal operations. ECC provided network infrastructure design and implementation services for 1000 port voice, video and data network. The Maxim network provides for both internal network needs as well as supporting client organizations' with hosted services including broadband Internet and Voice over IP telephony services. ECC designed and installed all network equipment, integration to Mitel 3300 IP Telephone System, DS3 telecom and Internet Services, backup Ethernet wireless network, Internet load balancing and firewalls.

