



Highlights

- Installation and certification of copper and fiber optic infrastructures at three office buildings in Chesapeake and Suffolk, VA.
- Upgrade and expansion of existing telephony and data networks in two office buildings in Chesapeake, VA.
- Installation of telephony and data networks in Suffolk, VA.
- Installation of IP camera and video management systems in Chesapeake and Suffolk, VA.
- Installation of an Intrusion Detection system in Suffolk, VA.
- Installation of access control systems in Chesapeake and Suffolk, VA.

State of the art medical facility capitalizes on unified communications and integrated intrusion technologies.

In May of 2013, Vicom was awarded a unified communications project for Med-Systems Associates. This project included the integration of infrastructure, voice and data networks, security, camera, and access control systems. This project commenced simultaneously at two new office locations, Suffolk, VA and Chesapeake, VA. The Vicom staff in conjunction with Med-Systems personnel acquired site drawings, engineered system platforms and conducted pre-project planning and project management meetings. This team also developed an implementation schedule for each site.



This Project began with the installation of over (300) Category 5E and RG-6 cables to various workstations throughout the two facilities. These cables served voice, data, wireless access, CATV, and CCTV systems. Technicians also installed 10 gigabyte, 50-micron multimode fiber optic feed cables from building demarcation points to new Main Distribution Frames at each location to extend service provider voice, data, and

CATV technologies . Technicians installed equipment racks and communications cable tray systems in each area to form new Main and Intermediate Distribution Frames. Upon completion technicians certified all copper and fiber optic cables. Test results were stored and produced in hard and soft copy. Final drawings were also produced in hard and soft copy format and were supplied with the test results as a final submittal package.

Vicom technicians installed Avaya IP Office VoIP Telephone systems with over 120 telephones. Extreme Summit X440 data switches were deployed to activate IP phones, IP cameras, desktop computers and multi-function network devices throughout the facilities. Vicom also supplied Med- Systems with 70 new HP desktop computers and monitors for the new Suffolk location.



Complete integrated building security, CCTV and access control systems were installed over two adjacent office suites in Chesapeake and the Suffolk office as well. Axis Camera Companion video management software affords the customer remote viewing capabilities and full system control via portable data devices (smart phones, tablets, etc).

Upon completion of this unified communications project, Vicom provided Med-Systems with annual monitoring of the security and fire alarm systems and ongoing maintenance and technical support contracts to ensure quality of service.

