

Case Study: Wichita Clinic

Seamless access to electronic medical records enhances patient care. With more than 160 doctors practicing in over 40 specialties, Wichita Clinic P.A. is one of the largest outpatient multi-specialty group practices in Kansas. It handles more than half a million patient visits annually. at twelve locations throughout the Wichita metropolitan area spanning Sedgwick, Harvey and Butler counties. Accredited by the Accreditation Association for Ambulatory Health Care and owned and governed by its doctors, the clinic is a leader in applying technology to medical practice and has been using electronic charting since the 1990's. To ensure that its clinicians can access those medical records seamlessly and reliably, the clinic uses the NetMotion Mobility XE™ mobile VPN.

About the Deployment

Mobility XE allows doctors and nurses at the Wichita Clinic to roam seamlessly and securely between campus Wi-Fi networks. The use of Mobility XE boosts productivity by allowing them to stay connected to critical applications, roam seamlessly between multiple Wi-Fi hot spots, and maintain computing applications even when users move in and out of wireless coverage areas.

Through Mobility XE, clinicians have access to complete patient data including physician notes, referral letters, radiology and pathology reports, patient immunizations, injections and treatment histories. In addition, E-script allows physicians to transmit prescriptions directly to the pharmacy to speed processing and delivery to patients. Most recently, the clinic added an extended PACS (picture archiving and communications system) that allows physicians throughout the clinic access to diagnostic images using a Web browser.

Improving Care and Clinician Productivity

With the shared medical record, primary care physicians, specialists, and after-hours immediate care providers all communicate through the same electronic system. Real-time access to patients' comprehensive medical records allows the clinic to provide the highest level of care, right when the patient needs it.

"We needed to make sure that no matter where in our facilities these devices might be, they can reliably access critical patient records and applications," said John



Organization

Wichita Clinic

Industry

Health care

Objectives

- Maximize clinician productivity
- Maintain security for confidential patient data
- Extend reliable access to medical records to improve care

Solution

- Mobility XE mobile VPN
- Multiple Wi-Fi access points

Results

- Seamless roaming across Wi-Fi access points
- Complete, real-time patient data delivered to point-of-care

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Bissell, director of IT at Wichita Clinic. "With Mobility XE, we get greater reliability and security which makes our clinicians more productive."

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