



*Sedgwick County...
working for you*

Radio System Conversion

What is emergency communications?

Emergency communications is the radio system public safety agencies, such as 9-1-1, police, sheriff, fire, EMS, public works and emergency management use to communicate with one another.

Currently there are more than 6,000 radios on the system. However, not all of the 6,000 radios are owned by Sedgwick County.

Why is a conversion needed?

The current radio system is an aging analogue system. The system is 16 years old and since its induction, technology has changed significantly.

Additionally, the industry is moving toward the APCO 25 systems, which allow improved inter-operability and flexibility in choices when purchasing radios.

The logistic support and parts for the analogue radio system will cease after the year 2012. All radios using the system must be able to receive and transmit digitally.

What will the conversion entail?

During the conversion, 800 Sedgwick County radios will be replaced and upgraded as part of the project.

All of the transmitters, receivers, controllers and other related radio components will be replaced.

An additional radio site will be constructed in the east-central part of Sedgwick County improving coverage of the 9-1-1 system. This area is experiencing large growth and call volume and public safety units are at risk when using portable radios in this area.

What are the consequences of delaying or not performing the conversion?

The communication system for public safety agencies will begin to deteriorate and cease to function. Public welfare and safety would be at risk.

What are the cost estimates of such a conversion?

Fiscal year 2011 funding estimate:

User radios	\$500,000
Construction	\$21,569,000
Total	\$22,069,000

Cost estimates include planning, design, core infrastructure and Sedgwick County user radios.

For more information about the
Emergency Communications (9-1-1)
Radio System Conversion:

Call the Sedgwick County Public Safety Director at
316-660-4956.

Visit the Sedgwick County Web site at
www.sedgwickcounty.org.