

## CASE STUDY

Lakeridge Medical Center  
Ontario, Canada

Ontario's biggest healthcare provider couldn't stay organized because all of its facilities weren't operating on the same time. It wasn't until Primex installed a custom GPS Clock System that the Lakeridge Medical Center rely on the accuracy of its clocks.

"It helps the staff keep their patient charting times accurate."

- Neil Clarke  
Director of Facilities



### The Problem:

Lakeridge Health Corporation is one of the largest healthcare providers in Ontario, Canada, operating a variety of facilities including three acute-care hospitals and one specialty hospital, all running under its own independent time system. These discrepancies had the potential to cause litigation problems for the company, and hurt the quality of care at Lakeridge's facilities.

Yet developing an efficient, cost-effective system proved to be a difficult task because of each facility's unique requirements. As Neil Clarke, Director of Facilities for Lakeridge Health Corporation, put it, "We wanted to connect and synchronize all of the facilities." And a wireless system was the natural way to go. However, any radio frequency-based system would have to ensure there was no interference with any of the life-support and other electrical systems in constant use at the hospital."

### The Solution:

Primex developed a GPS clock system that operated on a licensed 72MHz frequency elimination any concern about the system interfering with the hospital's other wireless equipment. Even more importantly, the system made it easier for hospital staffers. Because the clocks in all of Lakeridge's facilities are now synchronized to the same time, there was no needed to consult another source to ensure accuracy. In addition, Primex Wireless technology also provides the flexibility Lakeridge need to to synchronize time in new additions to their facilities.

### Results:

- All of Lakeridge's facilities are synchronized to the same time.
- The customized GPS system does not interfere with other wireless hospital equipment.
- The flexibility of Primex's system has allowed Lakeridge to expand its operations without having to worry about complications.



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