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Lessoil Selects Digi International Solutions to Wirelessly Connect

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Digi International announced that Lessoil is using the ConnectPort X4 wireless gateway, XBee ZigBee environmental sensors and iDigi cloud service to wirelessly connect its energy conservation solution.

According to a release, Lessoil provides energy conservation services and maintenance to multi-family property owners in the Northeast. Its solutions monitor and control a building's heating boilers and burners to eliminate waste, increase fuel efficiency and improve resident comfort.

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"Prior to Digi, we were using a connectivity solution that was slow and didn't offer any way to measure temperature in the building," said David Armstrong, project manager for building automation controls, Lessoil. "Other solutions with temperature measuring capabilities were cost prohibitive. Digi offered an off-the-shelf, cost-effective solution where everything just worked. Once we got the network set-up, everything was pretty much plug-and-play. It is very easy for us to add new sensors, more IO and other functionality."

Many buildings are over or under heated during the winter. This creates discomfort for building residents, wastes energy and increases heating costs. Lessoil's solution monitors the base temperature within individual building units and enables building temperature control remotely.

The company noted that Lessoil uses the ConnectPort X4 gateway to gather apartment temperature data from Digi XBee ZigBee temperature sensors. The gateway then communicates this data over cellular networks to the iDigi cloud service. Lessoil can login to the iDigi cloud service to monitor building temperature and make any necessary adjustments. Lessoil also uses iDigi for network set up.

"iDigi allowed us to quickly enable everything," Armstrong said. "It makes it really easy to set everything up. If you don't use it, it's like getting a personal computer and writing your own operating system - you just wouldn't do that."

Digi International develops products and solutions to connect and securely manage local or remote electronic devices over the network or via the Web.

More Information:

digi.com

idigi.com

lessoil.com

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