Tech Tip

What are Your TCU001 LEDs Telling You?

There are thousands of TCU001s—the precursor to our new TCU800—in our customers' systems throughout the USA. Each TCU offers an abundance of information for the user, just by observing the LEDs featured on the front of the unit.

For instance, a continuously lit LED in one position may indicate a normal operating condition or it may show that an alarm was acknowledged. A flashing LED might indicate low battery voltage, a power problem or an alarm condition that still exists.

Click on this link to see an enlargement of the *handy reference table* of TCU001 LED indicators that is shown above.

Indian River County Updates 30-Year-Old RTUs

Data Flow Systems' customers have been upgrading to our newer, innovative products for years. We've always offered an easy path for customers who need to update existing systems by ensuring that our new, more powerful products were downward-compatible with our older systems. We call it, "obsolescence-proof." Our users can take advantage of our latest modernizations without having to acquire a new system.

So there was nothing out-of-the-ordinary when we received an order to replace 40 lift station RTUs from long-time customer, Indian River County, Florida.

Except for one thing: Although the average lifespan of most SCADA systems in Florida is about seven to ten years, the RTUs we are replacing were part of IRC's first DFS installation in 1991—nearly 30 years ago.

Indian River County was in the vanguard of utilities that recognized the practical value of having a pump controller integrated into their SCADA system. Their RTUs were outfitted with our first controller, the plug-in Pump Control Module, PCM001. The RTUs scheduled for upgrade still employ those three-decade old PCMs and now they'll take advantage of our TCU's powerful technology and flexibility.

We extend a warm "Thank you" to Indian River County for their loyalty and friendship and look forward to extending our relationship for many years to come.

Happy Thanksgiving From Everyone at Data Flow Systems