

# CLSS SAVES BIG ON TIME AND LABOR

Case Study



## QUICK FACTS

### Project

Test and inspect time and motion study using CLSS Gateway

### Customer

Poirier Electric – Windsor Market Square

### Facility

Mixed-Use Residential / Commercial

### Location

Windsor, Ontario

### Solution

NOTIFIER system with multi-criteria addressable Smoke/CO/Heat detectors and CLSS Gateway

## THE BACKGROUND

Windsor Market Square has served the Windsor, Ontario, community for more than 100 years. In recent years, the owners, Pierre and Yves Poirier of Poirier Electric Ltd., have expanded its footprint and functionality to include three connected buildings comprised of a farmer's market, drugstore, restaurant, credit union, yoga studio and gym, physician offices, office tenants, and modern, loft-style apartments. The loft-style, residential apartment

units – 34 in total – have an open-concept layout featuring concrete floors and walls. When it came to choosing a fire and life safety system for these residential units, Poirier Electric was interested in having more visibility into their system to allow better service and troubleshooting. The contractor for the project reached out to Phillips Life Safety, a NOTIFIER authorized Engineered Systems Distributor (ESD), to help Poirier Electric achieve this goal.

“We are very happy with our decision to install a NOTIFIER system and CLSS Gateway at Windsor Market Square. With the CLSS app, we can see what's happening with our systems and troubleshoot any issues accordingly, increasing first-time fix rates. The time and labor savings of the test and inspection are a huge benefit and help us reduce disruptions to our staff and tenants while also saving money.”

**JUSTIN POIRIER, POIRIER ELECTRIC**

## THE SOLUTION

Poirier Electric selected a NOTIFIER by Honeywell system, including multi-sensor addressable detectors with smoke/CO sensors triggering the in-suite notification and heat sensors triggering the building-wide notification. The site also installed a CLSS Gateway, connecting the fire panel and other peripheral devices to the cloud. Installing a CLSS Gateway in the building unlocked a suite of features for the system owners, including remote system visibility, predictive maintenance, and streamlined test and inspection via the CLSS app.

## THE RESULT

Over the course of approximately eight months, Honeywell and Phillips Life Safety worked closely with Poirier Electric to help them get the most out of the NOTIFIER and CLSS systems, including having regular discussions about the notifications they were receiving, what was and wasn't working for their unique needs, and, finally, conducting a test and inspection on the site to ensure time and labor savings were being met in comparison to the year prior.

The results of the test and inspection with CLSS compared to the previous year were substantial. Without CLSS, the previous year inspection took 38.7 hours. With CLSS, the inspection took 23.9 hours – 14.8 hours less

than the previous year. Based on an average labor cost of \$110/hour, CLSS saved Poirier Electric 38% in annual labor which translates to \$1,628.

In addition to cost savings, this streamlined test and inspection process using CLSS also reduces disruption to the building and its tenants, getting technicians in and out quickly and efficiently.

What's more, Poirier Electric now has fast access to digital compliance reports with a full audit trail stored securely in the cloud, giving them peace of mind that their building has been properly tested, inspected, and is fully compliant.

Device Type	# of addressable devices	# of non-addressable devices	Test Freq Per Year	2021 Testing Time (addr devices, in minutes)	2022 Testing Time with CLSS (addr devices, in minutes)	2022 Testing Time with CLSS (non-addr devices, in minutes)	Test Savings @ \$110/hr (CAD)
Smoke detector (non-self test)	44		1	6	4		\$161.33
Heat detectors (non-self test)	5		1	6	4		\$18.26
Duct detectors (non-self test)	1		1	6	5		\$1.76
Relay Modules	10		1	6	4		\$36.63
Pull stations	45		1	6	4		\$165.00
Supervisory switches	13		1	6	6		\$0.00
NAC power extender	1		1	10	10		\$0.00
Smoke/CO/Heat	93		1	14	8		\$1023.00
Water flow module	17		1	6	4		\$62.26
Batteries	4		1	5	5		\$0.00
Sounder Bases		78	1			1	\$0.00
Horn Strobes		43	1			1	\$0.00
FACP	1		1	60	60		\$0.00
Final Report				120	30		\$160.00
<b>Total</b>	<b>234</b>	<b>121</b>		<b>2,322 mins (38.7 hours)</b>	<b>1,431 mins (23.9 hours)</b>		<b>\$1,628</b>

### Honeywell Building Technologies

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