



Classrooms are used less than 14% of the year.
Do your energy bills suggest otherwise?

Schools and school boards everywhere are striving to reduce the cost of energy.

Log One's Education solution is a unique, patented energy management system designed to deliver market leading energy savings in classrooms, school portables and offices.

Installed in thousands of classrooms, Log One EMS for schools operate independently or as part of a building automation system, (BACnet compatible) without intervention by custodial staff.

Features and Benefits:

Our patented technology allows for a deep classroom set-back temperature overnight.

- > Log One's education solution uses a unique patented technology that allows the industry's deepest overnight set-backs (10C/50F). Our gradual reheat cycle gently brings classrooms up to the set occupancy temperature with the industry's lowest energy draw, preventing condensation and structural damage while ensuring occupant comfort and maximum savings.

Intelligently manage your heat, cooling, ventilation and lighting based on occupancy.

- > Log One uses institutional grade motion sensor technology that responds to room occupancy, maintaining a comfortable temperature while the classroom is in use and reducing the temperature and lighting when classrooms are empty.

Our solution saves energy on days when your classrooms are unexpectedly vacant.

- > Log One uses sophisticated built-in intelligence, in combination with motion detection to identify unexpected events such as snow or P.D. days and automatically lowers the temperature of the classroom to set-back level.

Our solution limits high/low temperature settings in the classroom.

- > Log One ensures occupant comfort without sacrificing energy savings. Classroom temperature settings can be raised or lowered by teachers within a preset range, eliminating the energy waste caused by occupant tampering.

Extensive independent validations of savings.

- > Log One offers energy savings that range from 30-40% with a typical payback of 12-24 months.

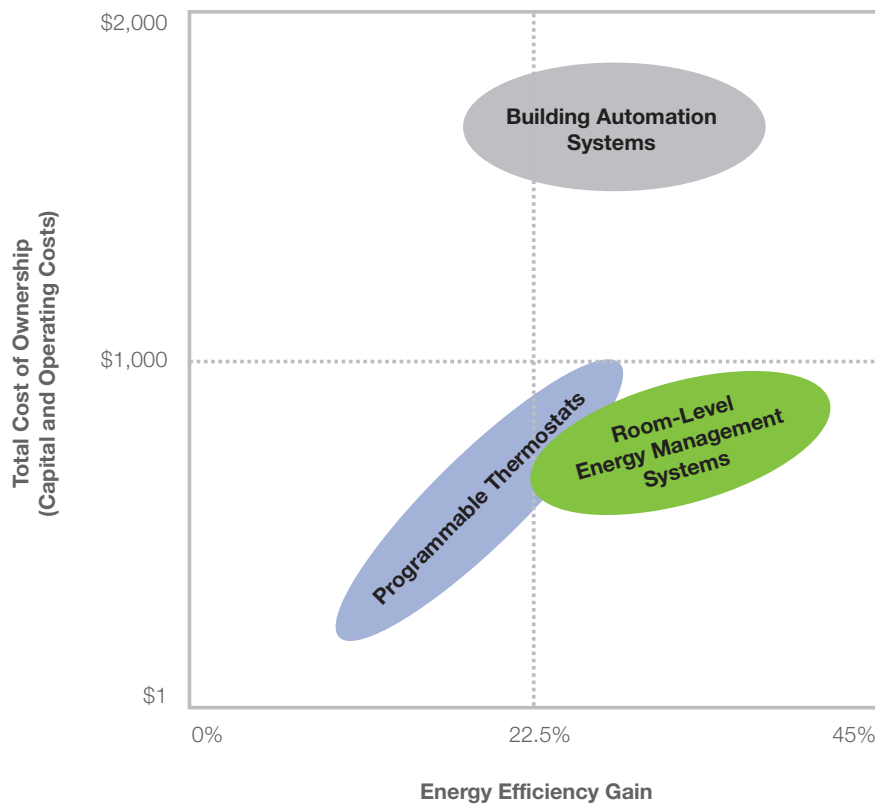
Reduced labour and maintenance costs.

- > Log One is programmed for the school calendar. It automatically sets back temperatures and turns off lights when rooms are not in use without the need for custodial intervention or reprogramming.



On a capital cost/benefit basis, our education solution delivers superior results to all other available technologies.

The Energy Management Ecosystem



Testimonials

"...37.6% reduction in energy cost... payback of under 2 years... generate positive cash flow from energy savings for many years to come..."

[Douglas Duncombe - The Dufferin-Peel School Board](#)

"Installation of the Log One EMS resulted in energy savings of close to \$900 per classroom during a seven-month period, which produced an equipment payback of less than six months. Furthermore, the full year energy savings were \$1,305 per classroom".

[Toronto CDSB Dante Alighieri Academy](#)

"One of the greatest features of the Log One Energy Management System (EMS) is its flexibility. It's not only a reliable thermostat for school portables, but we have also used it successfully in many specialized applications inside schools bringing extra energy savings to other areas".

[Roy Samhaber - Ameresco Canada](#)

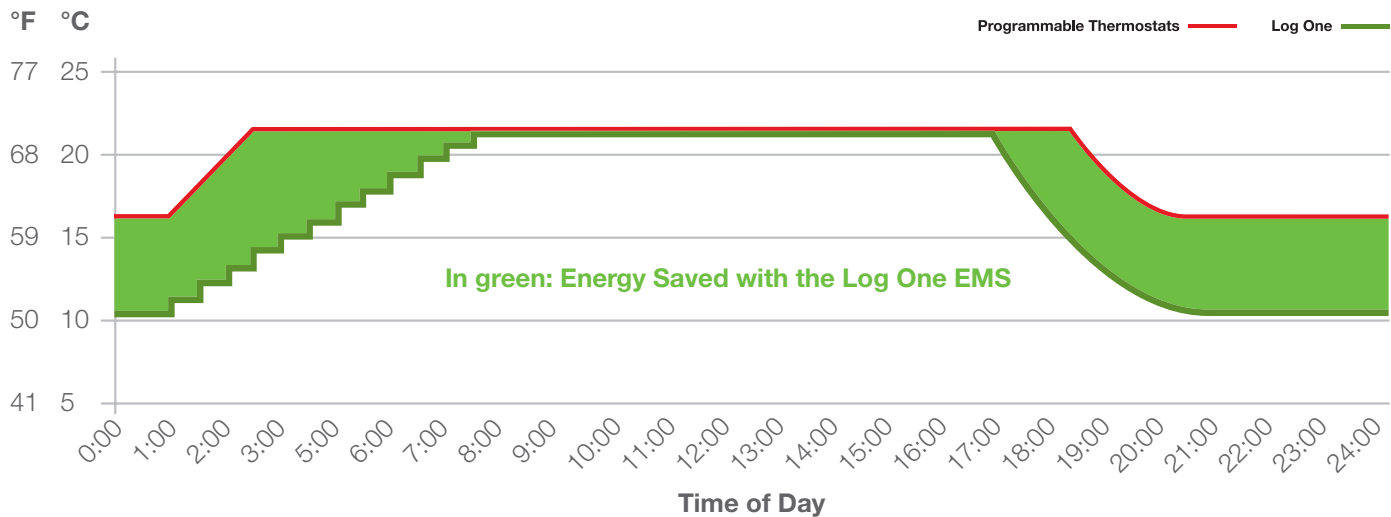
"The heating in all portables was done by baseboard heaters (10 kW). They found the base (manual thermostats) consumed 11,706 kWh and the Log One energy savings were 36%."

[National Resources Canada \(NRCan\) study on the Log One](#)



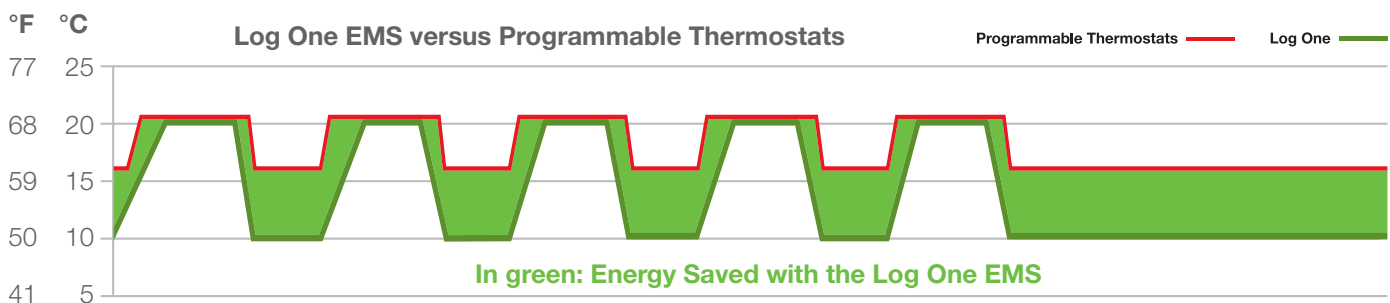
The Data

Log One's Education solution provides significant savings over programmable thermostats by effectively managing the temperature before and after the day is done.



- > Log One lowers your energy consumption by heating the building when you need it, and more importantly, not heating it when you don't need it.
- > Log One's technology allows for deep temperature setback resulting in less energy use when the school is closed. A lot less.
- > Gentle patented pre-heat prevents condensation and structural damage.

The daily inefficiency of programmable thermostats adds up over the course of the year and represents an enormous opportunity for school boards to reduce expenses.

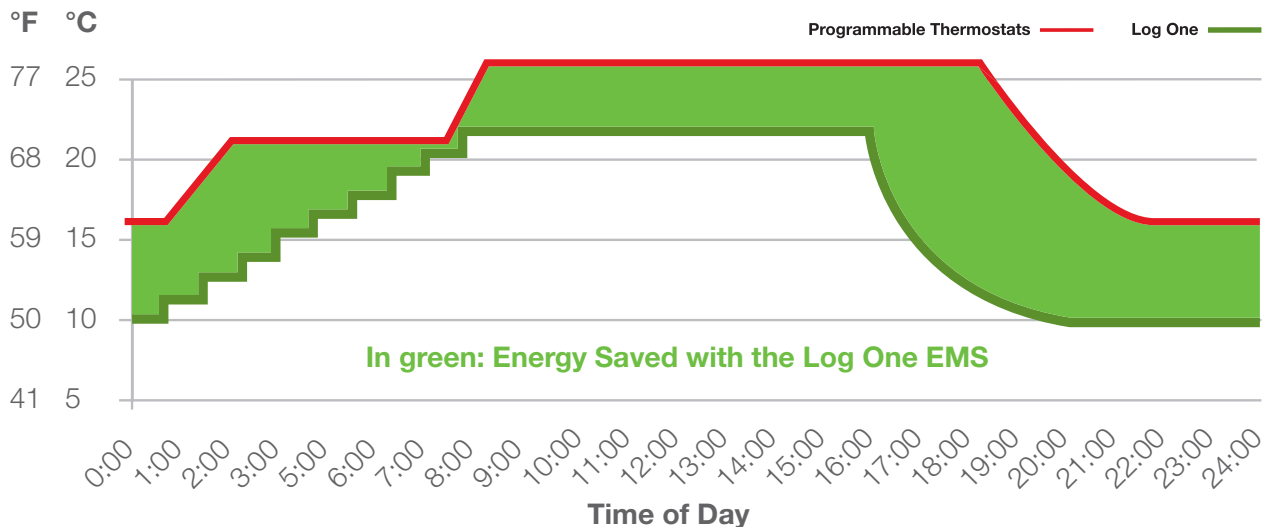


Even during weekends and holidays, Log One savings are superior. Our EMS is able to safely control the temperature lower than any other solutions. These savings occur week after week.



The Data

During the day, the story is equally compelling as Log One's thermostats restrict the user from increasing the temperature beyond a pre-established ceiling.



- > Allows occupant temperature control within pre-set ranges which fundamentally changes behaviours.
- > Teachers are unable to raise the temperature to more than [for example] 23°C / 73.4°F.
- > Limitation results in fewer examples of windows being open while the Heat or AC are on.

Log One's value statement

For school superintendents and apartment building owners who want to dramatically reduce their energy bills, the Log One EMS line of in-room energy management systems (EMS) delivers best-in-class energy efficiency while ensuring occupant comfort. Unlike expensive building automation systems or programmable thermostats, the Log One EMS is specifically designed for both retrofit and new applications, and uses unique patented technology to control room temperatures, ventilation and lighting based on actual occupant behaviour. Allowing for deep temperature set-backs, Log One EMS eliminate energy waste without sacrificing occupant comfort. Easily installed, BACnet compatible, tamper-proof, and maintenance free, Log One EMS have been delivering independently verified, market-leading energy savings for many customers for over 12 years. **Install it. Forget it. Save.**

Let us help you to achieve significant energy savings. Visit our website at oneinenergysavings.com or call **1-877-564-6631** or **905-729-4380** today.