



Case study 1

Hotels



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Hotel managers are concerned by energy costs, and with reason. In Canada, between 1990 and 2000, the average annual energy costs for a hotel room have increased by more than 500\$. It is clear that the hospitality sector is one of the most energy-consuming of the commercial and institutional buildings. However, as a hotel owner or manager, you offer to your customers not only tangible products but also a service and an atmosphere. This is why you should reduce the electric consumption of the hotel while keeping as a priority the comfort of your guests.

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Case Study : Lake Louise Inn, Alberta

The *Lake Louise Inn*, located in Banff, Alberta, had to implement a reliable and efficient control system. The specifier, in collaboration with the client, chose Cristal Controls as a supplier. The implementation of our energy management system allows *Lake Louise Inn* to reduce to a minimum its electric consumption.

The hotel managers benefit from a simple system that is truly adapted to their needs. A master control panel controls 55 thermostats. Moreover, with the central computer and the user-friendly Web interface, the managers can manually proceed to the temperature setback of unoccupied rooms. The various heating charges are cycled in real time, in order to ensure a minimal consumption.



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At the Lake Louise Inn, energy management now forms part of an effective cost management plan. Energy management is beneficial for:

- guests, who enjoy in the private rooms and common areas appropriate temperature, adapted to the humidity level and the exterior temperature.
- employees, who do not need to spend time performing adjustments of temperature, which are all managed by our energy management system.
- managers, who enjoy substantial savings and who can anticipate more precisely energy costs and thus manage them more effectively.
- owners of the building, which will be recognized as environmental-friendly and will benefit from a favourable reputation.