



## Environmental Benefits

**What does a 10% reduction in heating cost and carbon emissions mean to your bottom line?**

- Free up funding for infrastructure improvements
- Come in under budget on heating costs
- Achieve the sustainability and carbon reduction targets
- Improve air quality

Delivering  
Sustainability  
Through Innovation



Fireeye

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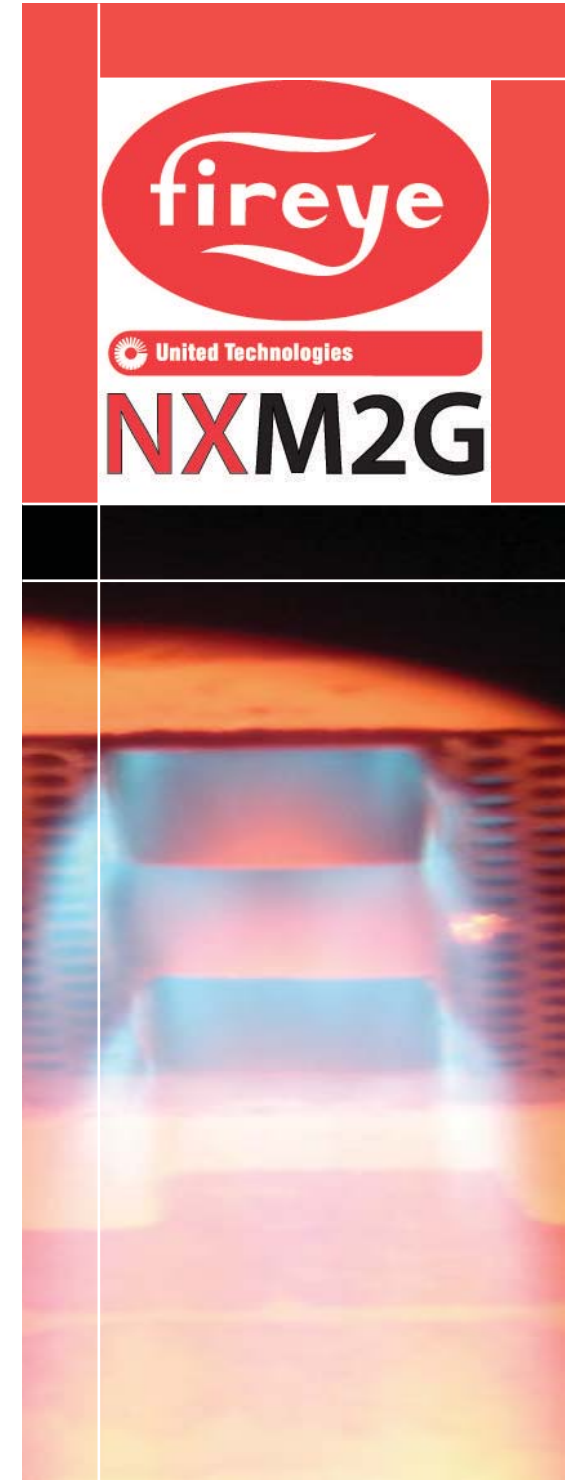
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## Reduce Heating Costs and Carbon Emissions by Over 10%

The Fireye NXM2G Boiler Load Controller delivers energy savings by properly preventing the wasteful consumption of fuel caused by boiler standby cycling, which occurs in the majority of commercial and industrial boilers of any age and size.

Preventing unnecessary boiler firing reduces boiler purges, mechanical wear and tear and reduces standby boiler losses. The end result is a boiler that stays running when it needs to run and stays off when heating demand is low. This very simple but essential control helps our customers reduce their energy costs while minimizing their environmental impact.



*"Quick payback, integration with existing controls and ease to implement across an estate have demonstrated M2G as a key technology to reduce energy costs and carbon emissions."*

*— Richard Plester, Area Development Manager Scottish & Southern Energy Contracting*

**Research shows that 80% of commercial boilers are over-sized.** The M2G is retrofitted onto each boiler and monitors the actual demand for heat from the building. If the demand is low, (a warm spring/autumn day, it will prevent the boiler from firing because there is sufficient heating reserve within the heat distribution system to maintain building temperature. If the demand for heat is high, (a cold winter design day, the system will allow the boiler to fire right away.

**M2G complements and integrates with existing building controls resulting in substantial reductions of energy consumption with quick payback periods.** The intelligent boiler controller will learn and update it's programming to work with automatic BMS temperature resets, allowing for additional savings on top of the value delivered by the building's BMS platform.

**Contact your local Fireye NXM2G installer and see how we can start saving you money on your heating costs.**



Client	Average Saving	Payback
Hampshire County Council	12%	2.8 years
Lloyds Banking Group	11%	0.6 years
Lincolnshire County Council	15%	1.3 years
AVIVA	12%	1.1 years
Greenwich Borough Council	15%	1.2 years