From: Karen Jaskolka
To: ClimateControls;
cc: Cronin, Daniel; MJ Miller;
Subject: Feedback on Climate Control Specification
Date: Saturday, January 01, 4501 12:00:00 AM

We have thoroughly reviewed the **Energy Star Program Requirements for Residential Climate Controls** specification and would like to strongly endorse the requirement for thermostat connectivity (section 2-E). Specifically, we would recommend open, standards-based connectivity that is free to implement and endorsed by a true standards development organization (not an alliance).

Why we support this connectivity requirement?

- Connected thermostats support efforts to help consumers lower their energy consumption and costs
- To enable remote control and remote monitoring
- Sets the stage for facilitation of demand response event opt-in as well as reaction to pricing signals
- Enables off-board storage of historical information which supports both consumer analysis and automated analysis (learning algorithms) without more storage on the thermostat itself
- Provides a means for moving complex user experiences off the thermostat and onto a larger screen experience (web application). Thermostat manufacturers or 3rd party providers can build user experiences to make thermostat programming simple (as an example).
- Provides an opportunity for adjusting the control experience outside of the thermostat. Additionally, this allows for improvements or innovations on the experiences based on learning how users actually use devices.

Thank you for the opportunity to review the specification and provide feedback. If you need anything additional, or clarification on our feedback, please let me know.

Regards,
Karen Jaskolka
Principal Group Program Manager
Microsoft Hohm
http://www.microsoft-hohm.com/