

Protégé and NEO Smartscreens – green by design

Borg's HQ is located in one of the most beautiful places in the US which reminds us daily of our inherent social responsibility. So not only did we recently relocate onto regional mass transit for our workers, we are also centrally located so some can ride bikes or walk to work. Our innovative touchscreen and control solutions are sustainably green and we recycle as much as possible.

- Operational conscience and culture
- Energy-saving software controls
- Hardware compliance / energy miser

Operations: Reuse – Recycle – Reduce: Not just a catch phrase, Borg uses post consumer recyclable products for shipping. We embrace a paperless office with electronic client communication – no paper invoices, statements, etc. We recycle all unused metal, cardboard, paper, plastic, and electronics.

Hardware: We use low-power, long-life LED backlights that **require 25% less energy** to light the display, the largest energy consuming component. Our innovative screen saver options insure this usage is also optimized. Additionally all components are **RoHS compliant** for heavy metals including lead and mercury. Finally, Protégé and NEO controllers / smartscreens are low power computing platforms which **use just 10% of the energy of a PC**. And using embedded OS's means it works like an appliance. Power goes out – screen goes off - it comes back on – and it comes back to life, re-interrogates the home systems. Like an appliance.

Companion Control Software: Borg's innovative and 10-time award-winning control and lifestyle suite is very robust and dimensional. Not only can it manage all systems easily from one location or a network of locations, it can replace a PC for simple browsing, viewing traffic, weather, school information, cams, as well as control all home systems and monitor energy usage and production from partners like FatSpaniel. The uber benefit to integration is cross-system logic and self-management or "automation". Additionally, since all systems are controllable, macros can be inserted to combine complex functions on one easy to use button. "Vacation" could hibernate a home's HVAC, randomize lights, arm security, email alerts, and more. And with free remote access, you can return to a warm house or check the garage door or events effortlessly.

