

# ENGAGING AUSTERITY THROUGH INNOVATION...

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## ***Barbour County Schools Renewable Energy Demonstration Project***

In 2009, Extreme Endeavors partnered with the Barbour County Schools' and submitted a proposal to Appalachian Regional Commission to install wind and solar power generating equipment to supplement the power grid at the Philip Barbour High School Complex. Extreme Endeavors will install a wind turbine alongside the Career Technical Education Center and solar panels on the roof. Behind the scenes, a net centric power monitoring system will monitor the power generated by the renewable energy and provide a learning tool allowing students to engage in both the technical and business aspects of renewable energy. Their curriculum will grow from the Appalachian Regional Commission funded project.

## ***Green Box - the Next Generation of Intelligent Grid Control***

Extreme Endeavors has collaborated with several firms in West Virginia to create Intelligent Power Solutions LLC. Extreme Endeavors' contribution to this partnership is providing the research and development for Green Box LLC, a Virginia based company that is providing intelligent power distribution systems for reliable delivery of power. This new technology offers the ability to shut down non-essential loads during peak times and supports communications with loads and sources, while also providing monitoring of a micro grid.

## ***Acquisition ... Knowledge ... Response***

Extreme Endeavors has developed an advanced SCADA system using dynamic, flexible and intelligent nodes with a priority-based approach. Using these elements, we can provide turnkey Supervisory Control and Data Acquisition Systems that are based off these "Intelligent Nodes". The IN-SCADA system will allow the user to connect to the Internet, interconnect new sensors onto a smart node and give customers exactly what they want instead of settling for the standard system they have found problematic and costly. One of the main market targets with this SCADA system is providing accountability of water and detection of leaks within a public service district, although our market reach is unlimited.



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## ***Discussions Begin with Level 4 Group in a Manner Appropriate for Extreme Endeavors***

Extreme Endeavors recently began discussions with Level 4 Group's Senior Vice President, David Kervin, where we demonstrated our cave monitoring technology. Tethered to a safety line, leaning over the 180 foot drop into Hellhole cave, discussions were made on how to best reconfigure the cave monitoring system for military and intelligence use. Work is currently underway to see this technology advance from a cave in West Virginia to help support the war fighter.

## ***Supporting Booz Allen Hamilton Under the Biometrics Operation Support Services - Unrestricted (BOSS-U) Contract***

In 2009, Booz Allen Hamilton was awarded the prime contractor for the Biometrics Operation Support Services - Unrestricted (BOSS-U) contract to sustain and advance the use of biometric identification technology for the Department of Defense. Operating as a subcontractor to Booz Allen Hamilton, Extreme Endeavors is proud to support this effort and looks forward to using our diversified background to support the Department of Defense's biometric needs.

## ***Technology Widgets Now Available Through Extreme Endeavors***



**Extreme Endeavors Capacitive Touch Button System**

### ***Capacitive Touch Button Interface***

Extreme Endeavors newest technology offered is Capacitive Touch Button Panels. This technology uses a microprocessor-based system to sense the capacitance from a person's finger as it nears the button. The benefits to this technology include low manufacturing costs and no moving mechanical parts, making the design robust for severe environment operations.

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