

Wisconsin Broadcasters Clinic Preview: Raspberry Pi

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The Raspberry Pi is a single board SOC (system on a chip) computer that is about the size of a deck of cards. It runs a ARMCore version of Debian Linux in a standard configuration but can also run Ubuntu Linux, several other more obscure OSes, and Windows 10 IOT (If you like the Microsoft [non]security model). The basic Raspberry Pi model lists at \$35 US so it is a very cost effective solution for those broadcast applications that would normally require a full blown PC to just loaf along and do one thing.

I have implemented several applications for the Raspberry Pi for our studios and transmitters for Cumulus Chicago. We will be showing, hands-on, several of these applications at the ?Nuts and Bolts? session of the Wisconsin Broadcasters fall show. My first application was porting Anthony Eden?s Livewire Simple Delegation Switcher to the Pi. At that point it only ran on Windows in a windowed configuration. I needed a border-less configuration with large buttons to use as a monitor routing panel to select which audio went to overhead speakers in Sales, Promotions, and common areas. Since the code is open source, I modified it to fit my needs. Since that time, Anthony has posted Raspberry Pi configuration instructions on his GIT repository web site.

Source URL: <http://www.tuxmachines.org/node/128344>

Links:

[1] <http://www.tuxmachines.org/taxonomy/term/63>

[2] <http://www.tuxmachines.org/taxonomy/term/119>

[3] <https://www.radioworld.com/show-news/more-show-news/wisconsin-broadcasters-clinic-preview-raspberry-pi>