# WEBBEXPRESS (WX) Scope:

One initial design criteria for our new WX CPU was a backwards compatibility with our Legacy model signs. The new CPU mechanically fits in and electronically runs the components of older AMSIG signs (hand held controller, modular sign display panels, etc) while changing to an operating platform that is compatible with NTCIP communication protocols. This allows our customers to bring aging signs up to current PCMS specifications and thus preventing equipment "obsolescence." All new AMSIG products have the WX CPU.

## Advantages in upgrading to a WX CPU

1)  Simplifies local user programming in addition to complying with NTCIP message formatting standards.

2)  New operating system allows creation, save, and activation of 1, 2, or 3 page messages from a one button accessible "Quick Edit" feature.

3)  Brings old PCMS into NTCIP compatibility at a fraction of the cost of new equipment. WX is completely compliant with the latest version of NTCIP (National Transportation Communications Internet Protocol).

4) IP-addressable, web-based communications with graphic user interface remotely as well as locally (with the use of a laptop in lieu of the standard hand held terminal). It eliminates the need of EASYHOST software for remote user access as is required for our "legacy" CPU signs.

## With a Cellular Modem for remote access, travel to the message board is not required

1)  Ease of remote programming.  Web Control can be used from any device with an internet connection and browser (smart phone, tablet, any computer). WX with remote becomes an interactive device, meaning we can remotely update the CPU software over the air (OTA). I usually describe that feature as the same way our Windows computers and cell phones get updates occasionally.

2)  Modem to WX CPU's requires an Ethernet connection. If your sign currently has a modem, it is connected via a serial cable. If it does not have an Ethernet port as well, it will need to be replaced with one that does. We offer a CPU/ modem combo at a substantially reduced cost over the 2 components purchased separately. Also, we will make you a very cost effective quantity discount.

3) Contact a sign and reprogram from anywhere in the world. Verify current message display, Edit/create/activate messages. Create/activate message schedules. Check ambient light readings and air temperature inside sign case, Monitor/adjust sign brightness level.  Monitor system battery charge and voltage levels. And test pixel status all remotely.

4)  Easier to use than either the LCD/keyboard combination at the sign. With the remote function, your smart device becomes the user interface with a virtual representation of the sign face (WYSIWYG). Also allows for point and click (or touch screen) operation to all of the sign features as mentioned above.

## Adding a GPS to your unit lets you always know the location of your sign

With GPS, a Goggle map view is accessible from the signs' main web page that will pin point the exact location of the sign.

AMSIG also offers our Sign Manager software to allow networking of all signs within the users' fleet on one screen.

## Contact us at 770.448.6650 ext 3 or service@amsig.com