

Hamvention 2018

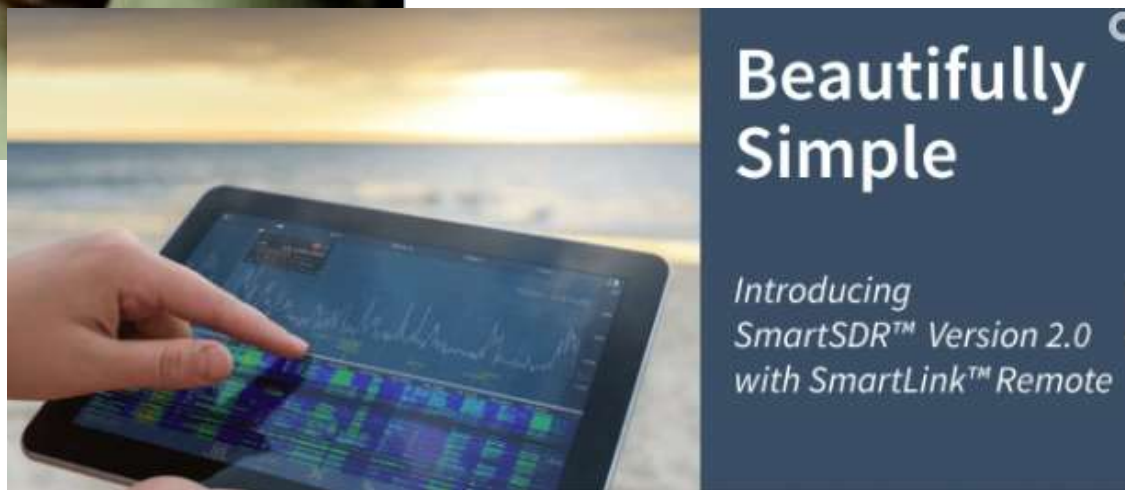
Remote Access to your Amateur Radio Station

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These slides (and more) are
at my website k6ufo.com



Remote Access has been successfully implemented in four ways:

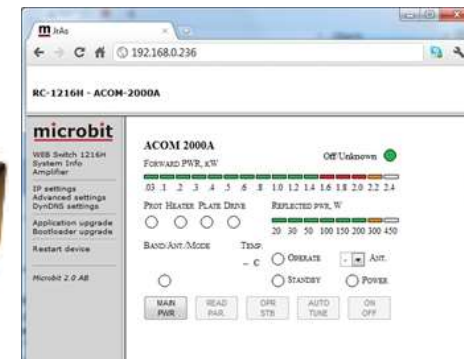
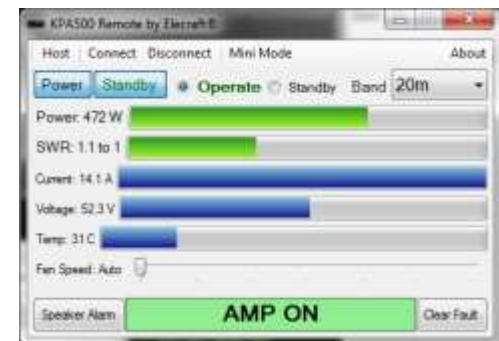
#1. Web Browser

Either RemoteHamRadio.com which runs entirely in Chrome browser, or with your devices with their own web server for remote access:

RemoteQTH.com remote server,
Elecraft KPA500 Remote Program,
Remoterig.com Webswitch or rotator or amp control,
ControlbyWeb.com WebRelay,
Hamation Control Center,
Green Heron Everywhere software, ...

+ Lots of specific control.

- Lots of diverse interface.

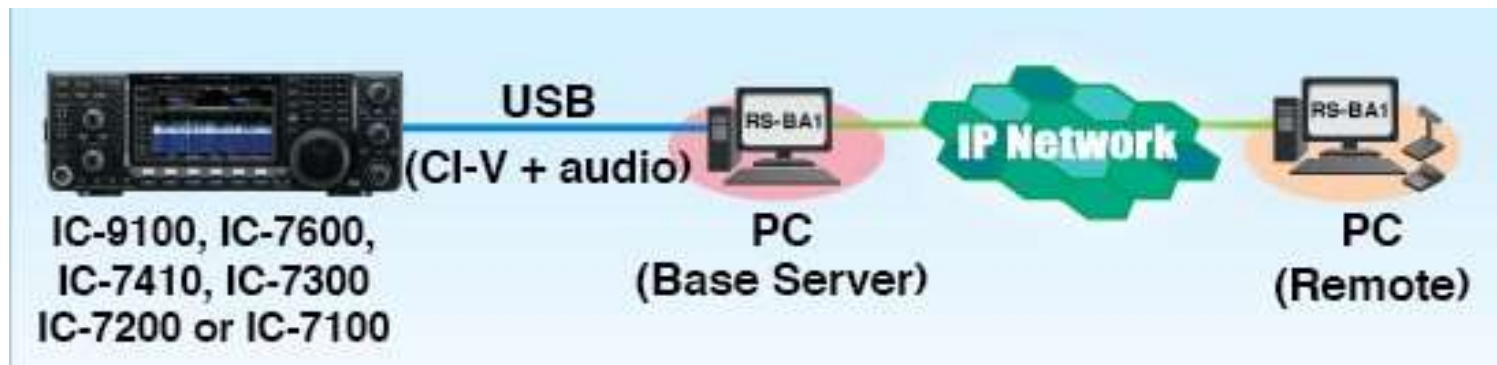


#2. Software Programs



RemoteHams.com is both a software Program (RCForb) and a community of users & stations. Many stations free to use, some are “membership”. You use their server software to offer up your own station. See, QST Magazine, April 2017, p30: “DIY Remote Radio Now”

ICOM’s RS-BA-1 IP Remote Control software. \$99.



See also: Kenwood Radio Control Program ARCP-480, Ham Radio Deluxe, TRX-Manager, DF3CB software FT2000RC, N4PY Software, ...

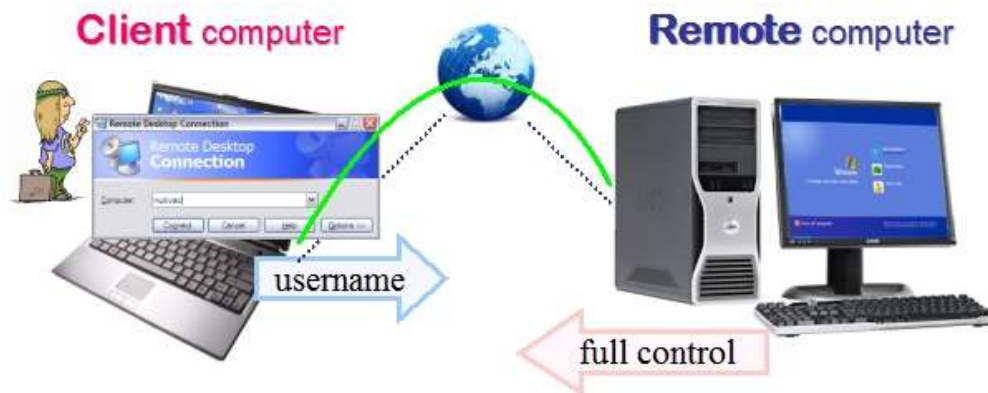
#3. Remote Desktop software

Set up your shack PC to control your station. Use any software - even if it doesn't have any "remote" ability: N1MM+, Logger32, DXLab, WSJT-X, ...

Then, use the "remote desktop" software to "connect-in" to your shack PC. You "see" the shack desktop, and control the station, just like being there.

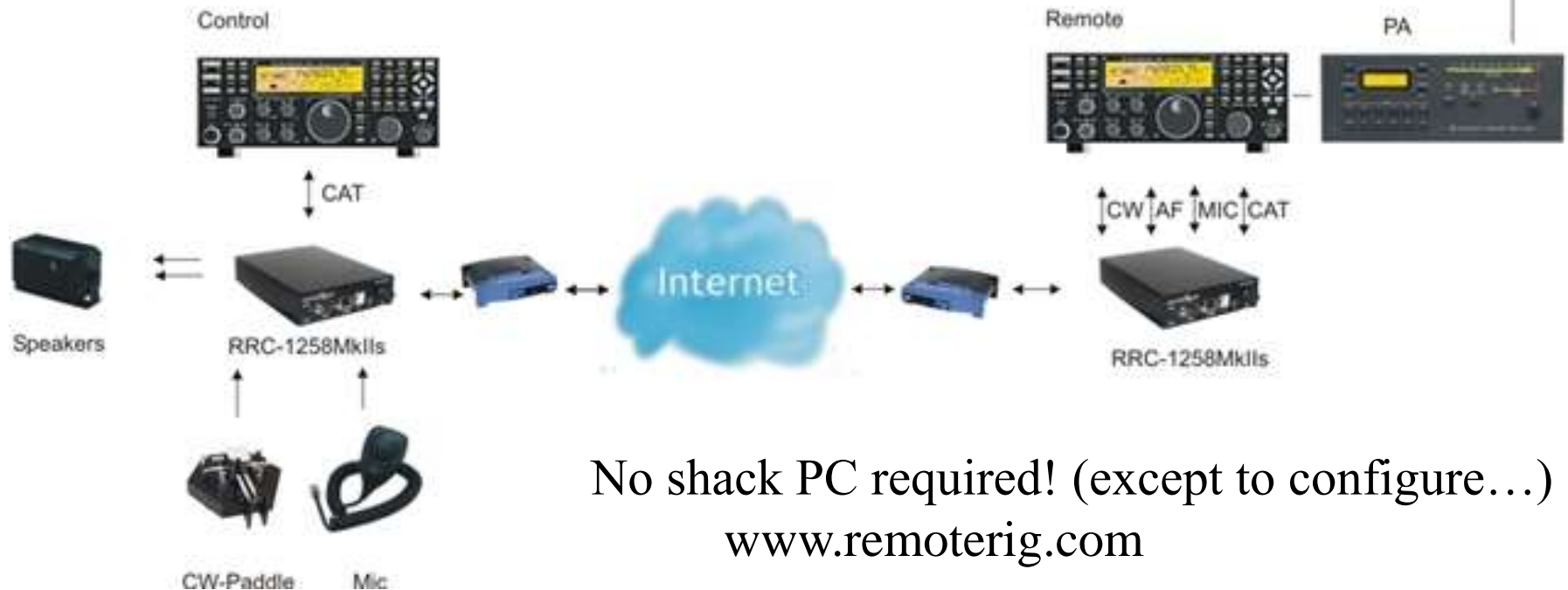
There are many free "Remote desktop" programs (also called VNC):

- TeamViewer,
- Splashtop,
- Chrome Remote Desktop,
- Windows Remote Desktop,



- + Use any software in the station.
- Needs most bandwidth.

#4a. Remote Front Panel - Microbit RemoteRig



No shack PC required! (except to configure...)
www.remoterig.com

Use a pair of RemoteRig “modems” to send audio and control signals to station.
Can use with: Radio with a detached front panel, “control heads” (Elecraft K3/0-Mini), “twin” radios, PC program or Android App.

- + **No shack or remote PC to operate.**
- **Expensive?** (\$500 a pair, plus control head or 2nd radio)
- **Hard to configure the 1st time.**

#4b. Remote Front Panel - FlexRadio Maestro

Our special speaker today:

Ria Jairam, N2RJ

**FlexRadio Community “Elmer,”
Contestor,
DXer - 323 entities,
DXCC Phone, CW and Digital,
9 Band DXCC,
Worked All States and Triple-Play,
100 Grids on 6 meters, and
Dedicated to helping other hams!**

