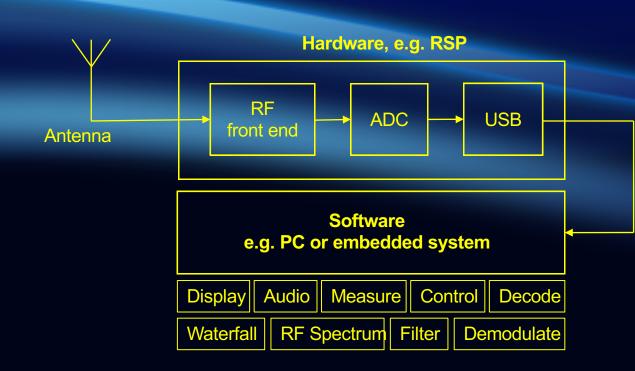


Simplified SDR Block Diagram





Example implementation



Hardware Options - SDR Variety



Hardware Options - RSP Family



Family Characteristics:

- Continuous SDR coverage from 1kHz to 2GHz
- Receive, monitor and record up to 10MHz spectrum
- Visualise signals in multiple bands
- Use as a stand-alone general coverage receiver, or as a panadapter

RSP1A

- Economy and Performance

- Single Tuner, single input

RSPdx

- Single Tuner, Multiple Inputs

- Enhanced Rx below 2 MHz

RSPduo

- Dual Independent Tuners

- Multiple inputs

- Diversity Tuning



Software - SDRuno Full-featured SDR Software

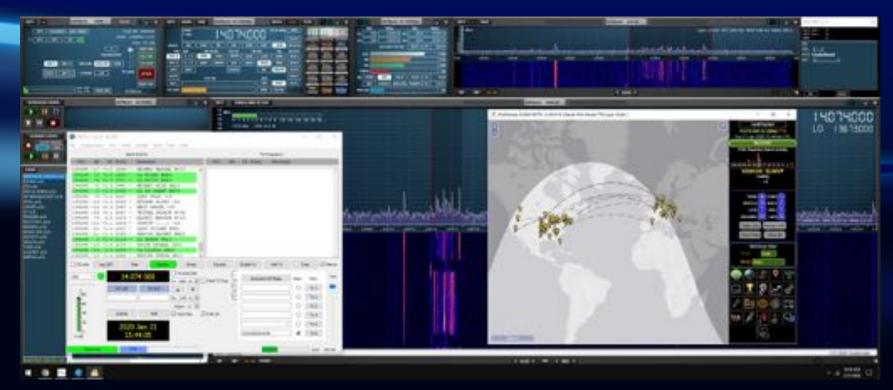


50Rplay

Software Flexibility - Output to multiple 3rd party decoders



Example - WSJT-X and GridTracker



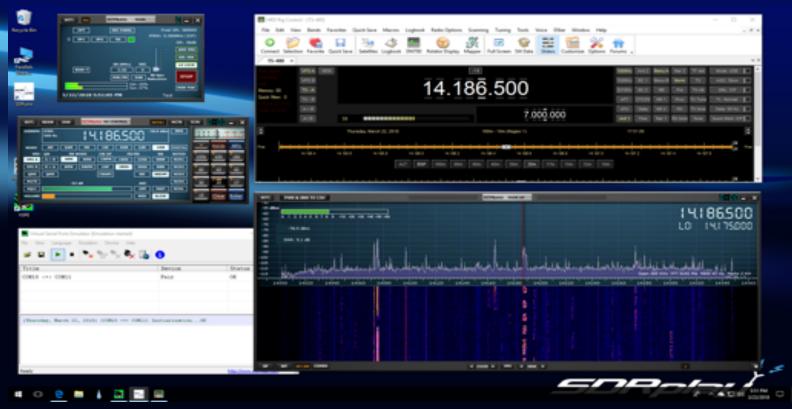
WSJT-X: https://physics.princeton.edu/pulsar/K1JT/wsjtx.html

GridTracker: https://tagloomis.com/grid-tracker/

Credit: Mike Ladd, KD2KOG



Example - Ham Radio Deluxe

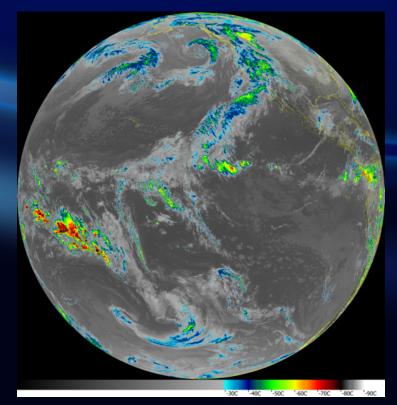


Ham Radio Deluxe: https://www.hamradiodeluxe.com/

Credit: Steve Brightman, KI5ENW

Example - High Resolution Satellite Imagery







SDR Ecosystem



New Feature - Plugins

- SDRplay or Community Developed
- Open Source
- Enhanced functionality:
 - DX cluster
 - Audio Recorder
 - MUX output
 - DAB
 - Frequency Annotation (FRAN)
- Simplified interface to 3rd party software:
 - Black Cat Systems
- Hardware interface:
 - Contour Shuttle



DX Cluster





Audio Recorder





FRAN



50Rplay

Black Cat Systems





Contour Shuttle





Summary

- For any given hardware configuration it is the software that allows you to realize the maximum potential.
- SDRuno is a great choice for fully exploiting your RSP hardware
- The new plug-in feature allows even greater flexibility:
 - The user community can provide enhanced capabilities
 - Third party software developers can simplify their interface to SDRuno
 - https://www.sdrplay.com/plugins/
- Further feature enhancements are being worked on at SDRplay
 - Visit SDRplay.com to stay up to date



For more information

- Company website: www.sdrplay.com
 - Check out the Applications & Support Catalog at: https://www.sdrplay.com/apps-catalogue/
- •User Forums: https://sdrplayusers.net

https://groups.io/g/SDRPlayUsers

- Email: <u>support-usa@sdrplay.com</u>
- Facebook: <u>SDRplay</u> and <u>SDRuno</u> specifically
 - Independent groups run by enthusiastic users!
- Where to purchase?
 - Ham Radio Outlet (US): https://www.hamradio.com

