

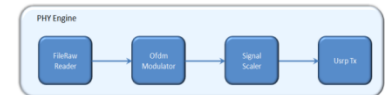
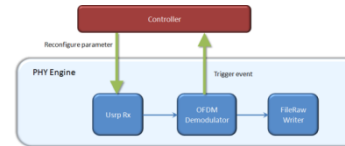
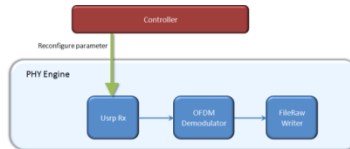


Software Radio Systems (SRS) is a CTVR-spinout company, founded in 2012 by CTVR's Dr Paul Sutton and Dr Linda Doyle. SRS is based on over 10 years of research into software (cognitive) radio.

SRS develops cutting-edge wireless systems using general-purpose processing platforms. By leveraging the low-cost and flexibility of general-purpose hardware, SRS delivers adaptive wireless systems designed for robust performance under any operating conditions.

Products include:

- *Research and test platforms* for the 4G LTE and LTE-Advanced standards.
- *Flexible smart radio systems* for use in the TV white-space spectrum.



## SRS TECHNOLOGY

### IRIS

Developed at CTVR, IRIS is a software architecture for building highly reconfigurable radio networks. IRIS was publicly released in 2013 by SRS under the open-source LGPL v3 license. Using a component-based design, the IRIS architecture offers support for all layers of the network stack and provides a platform for the development of not only reconfigurable point-to-point radio links but complete networks of cognitive radios.

## SRS SERVICES

### Client-Specific Solutions

From standalone signal detectors to complete network test-and-trial solutions, SRS provides consultation, design and development services.

### Custom Development

SRS provides custom component development services for a range of existing architectures in C/C++, Python and Matlab/Simulink.

### Support and Training

SRS provides training in software radio design and implementation. Get up and running with the Iris software radio architecture, move your algorithms from simulation to experimentation using a range of RF front-end solutions. Onsite and remote training packages available.



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