

Connecting radios all over the world

SoftRadio API

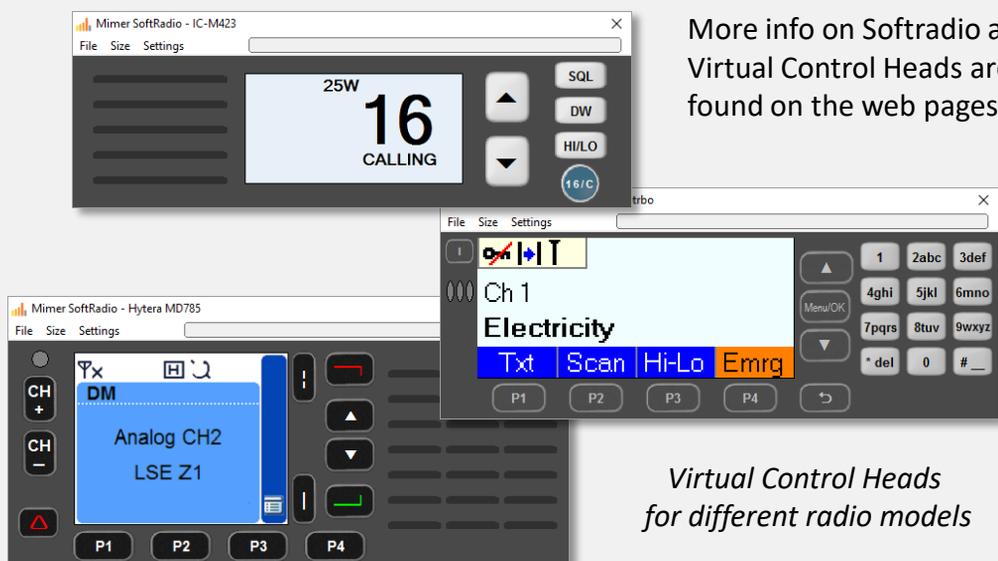
Mimer SoftRadio is a system to remote control two way radios over LAN, WAN or the Internet. The operator uses a standard Windows PC and standard audio accessories.

Each operator can handle many radios and each radio can be remote controlled by many operators.

With the use of **SoftRadio API**, developers of other dispatch solutions can integrate SoftRadio and make use of the functions within SoftRadio.

All functions for PTT, audio connection etc are available via the API. Also more advanced functions like GroupSend and CrossPatch are available.

One of the fundamental functions in SoftRadio is the use of virtual control heads for different radio types. This function can also be activated through the API. For each radio type a virtual control head can be brought forward and the radios functions can be remote controlled just as if the dispatcher was sitting in front of the radio.



*Virtual Control Heads
for different radio models*

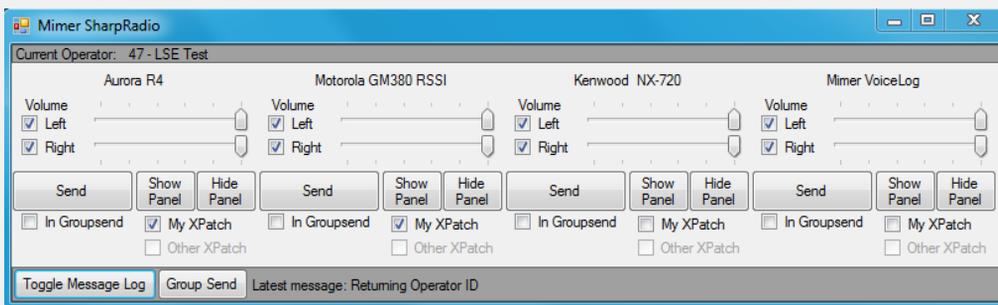
Mimer SoftRadio API

For the use of developers we have a Windows DLL kit that will give you access to many of the functions in Mimer SoftRadio.

Each radio in the system needs a Network Interface and the operator PC needs to run the background software Mimer Connection Manager. This software handles the actual connection to each interface at the radio or other device in the system.

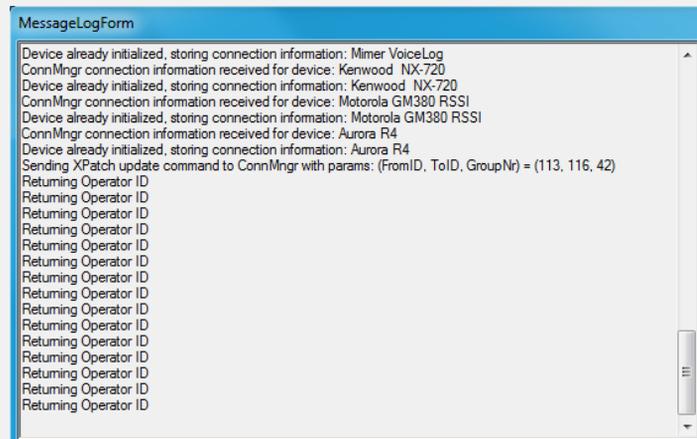
In the developers package is also a system example written in C# called **Mimer SharpRadio** to make it easier to get going.

The example shows, in a basic way, how to build a dispatcher with all the functions. You can also borrow parts of the code for your own application.



Mimer SharpRadio with four radios connected

In a message log the developer can follow each step of the messages back and forth in the system.



The Message Log