



Cross patching with Mimer products



There are several ways to build a **Cross Patch** between two radio systems. Most of them involve having two radios connected together.

Depending on the setup, the radios can be placed next to each other or at different sites. With the more advanced solutions an operator can remotely control the patch on/off and also change the channel/talk group on the radios.

A: Using X-Link, gives a local installed patch

B: Using SoftLine, gives a remote installed patch

C: Using SoftRadio, gives a remote controlled patch and remote controlled radios + an operator that can be part of the conversation + the possibility to include more than two radios in the patch



Cross patching with Mimer products



In the illustrations we have patched a land based system to an air band system.
This can of course be any two types of radio systems. For example:

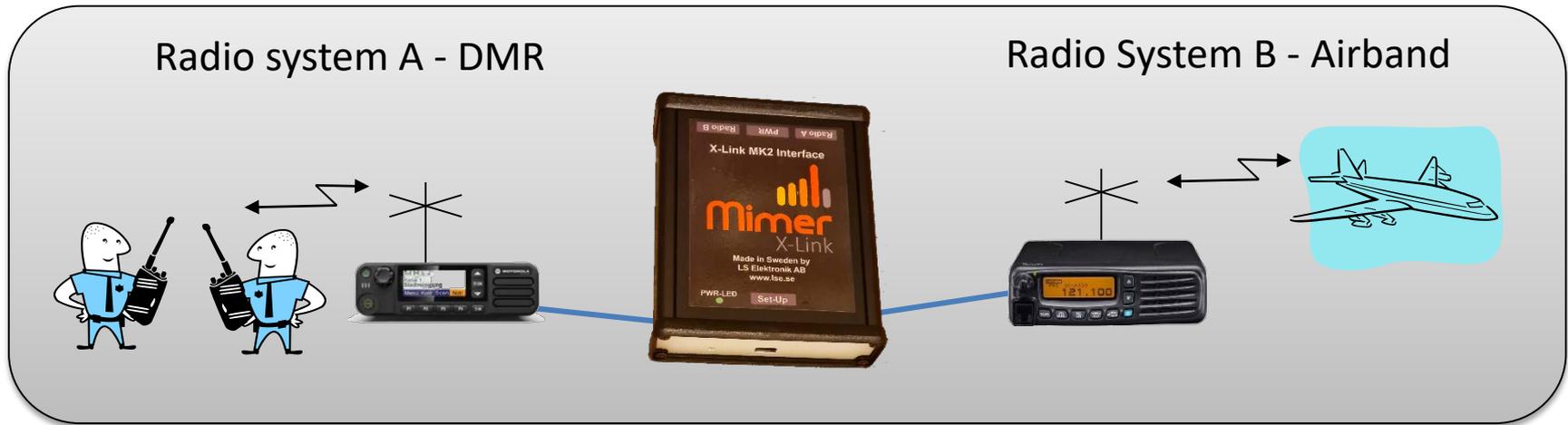
DMR – Tetra
Marine – DMR
AIR – Tetra
Tetra – Tetra
DMR – AIR
Tetra – Analogue

Tetra – Marine
DMR – DMR
Analogue – Digital
VHF – UHF
HF – UHF
DMR - PA

And also all types of PoC

CrossPatch A

Using Mimer X-Link



X-Link Solution

Audio and PTT only.

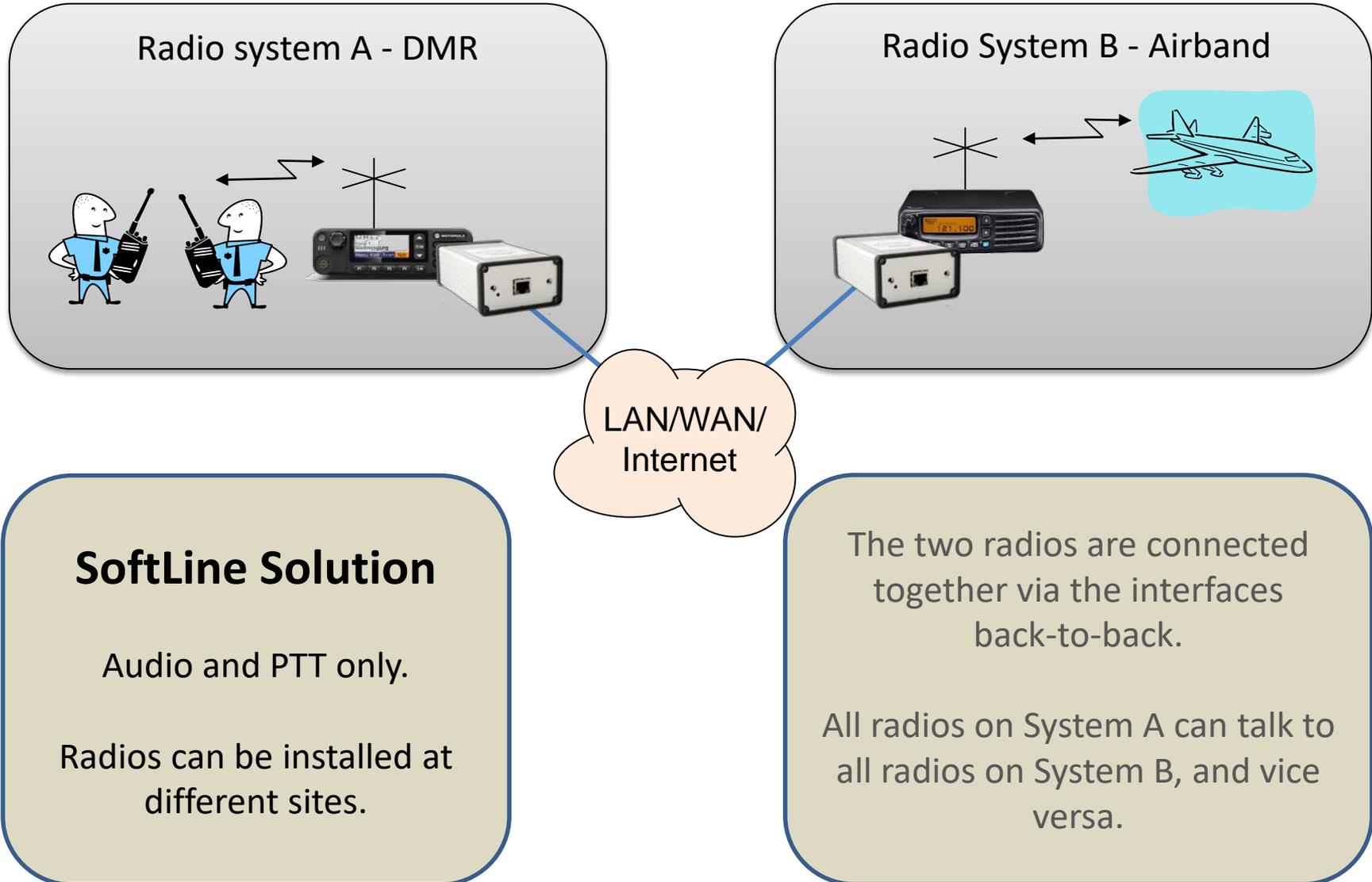
Radios installed local, next to each other.

The two radios are connected together via the interface back-to-back.

All radios on System A can talk to all radios on System B, and vice versa.

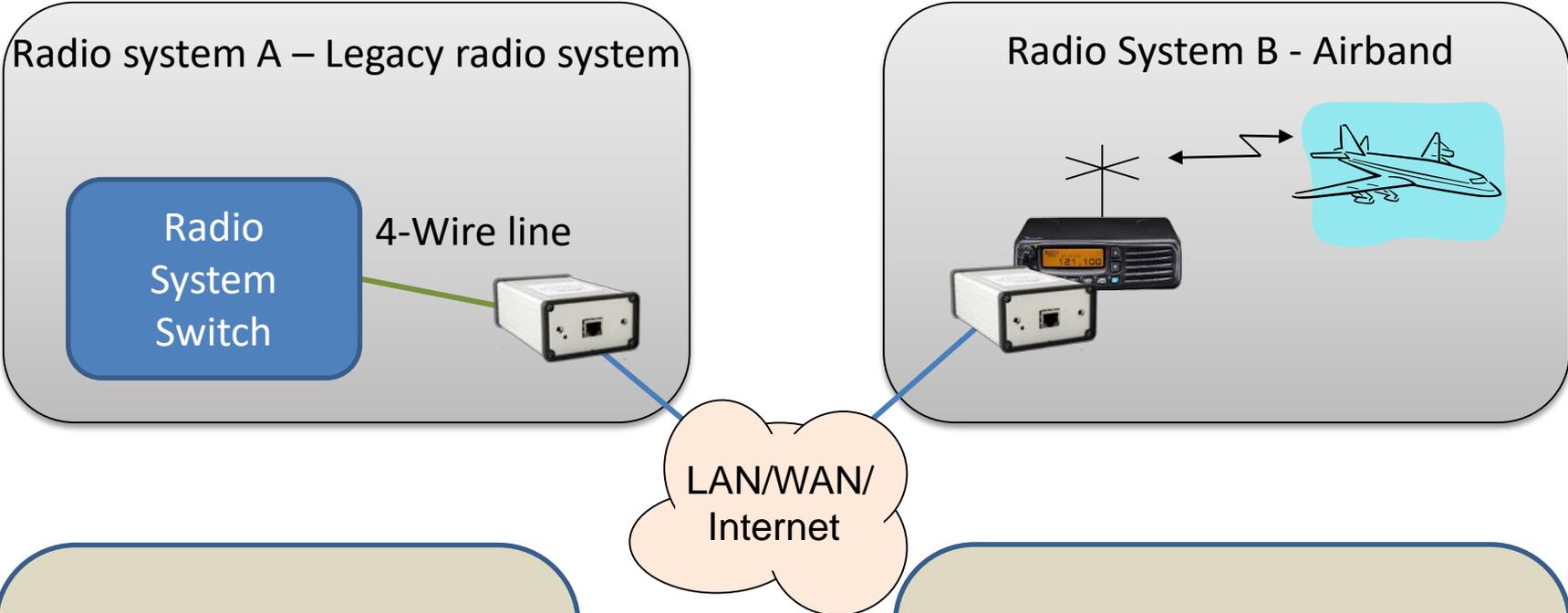
CrossPatch B1

Using Mimer SoftLine



CrossPatch B2

Using Mimer SoftLine



SoftLine Solution

Audio and PTT only.

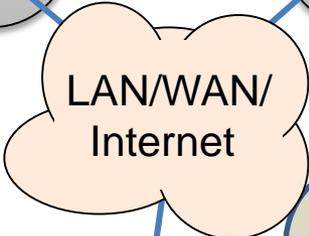
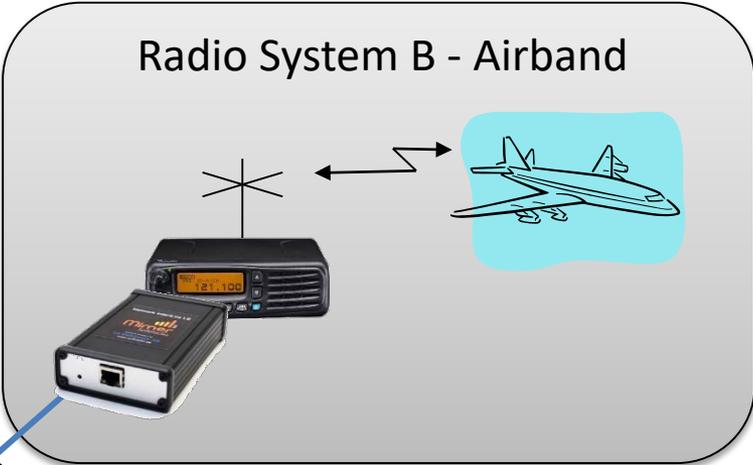
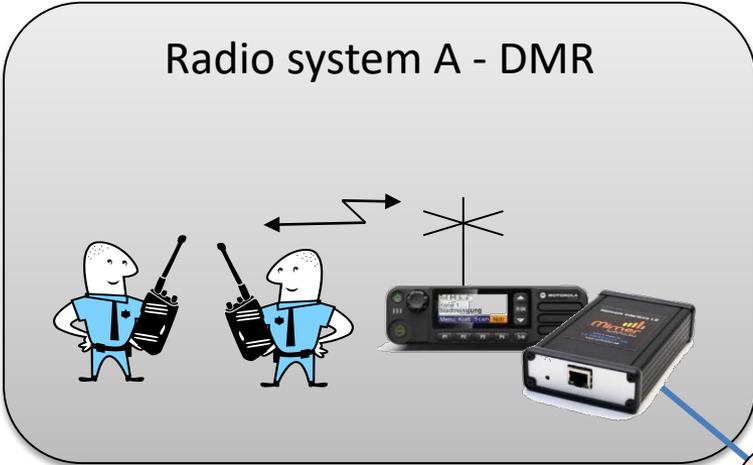
Connections can be installed at different sites.

The legacy radio system connects through a 4-wire line.

All radios on System A can talk to all radios on System B, and vice versa.

CrossPatch C1

Using Mimer SoftRadio



Universal interfaces

Audio and PTT only.

Radios and operator can be at different sites.

The two radios are connected together via CrossPatch in one operator PC.

All radios on System A can talk to all radios on System B, and vice versa.

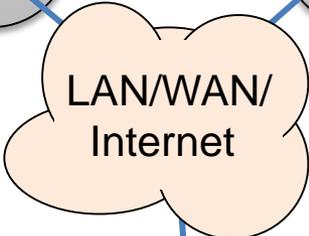
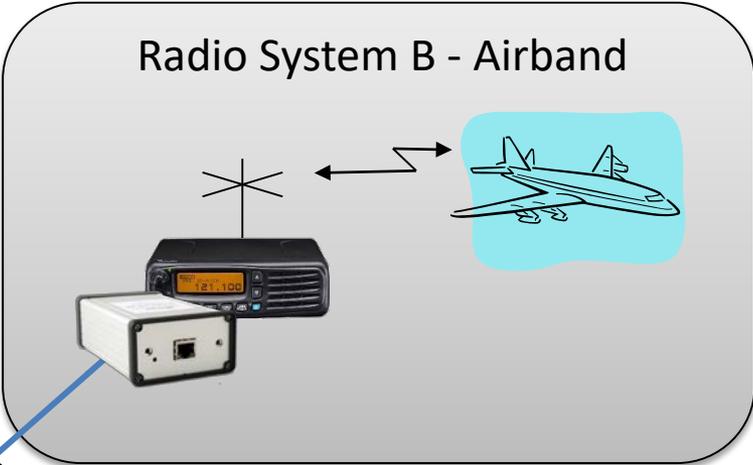
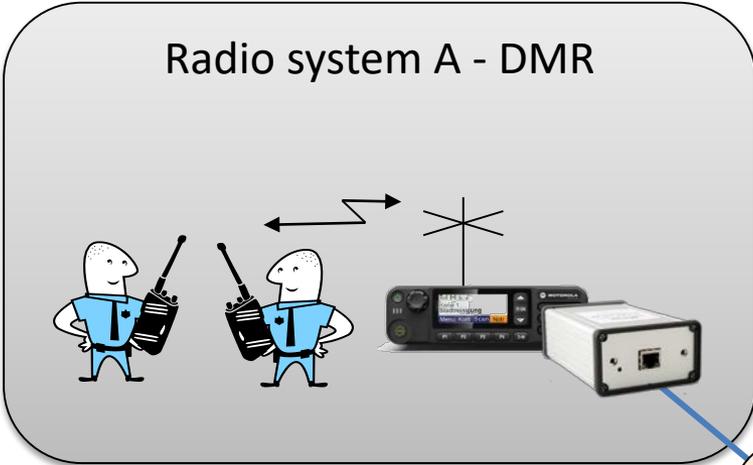
The operator can talk to both networks.



SoftRadio with CrossPatch

CrossPatch C2

Using Mimer SoftRadio



Full size interfaces

Using the full SoftRadio interfaces gives the operator the possibility to remotely change channels and talkgroups etc.



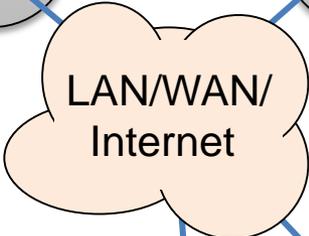
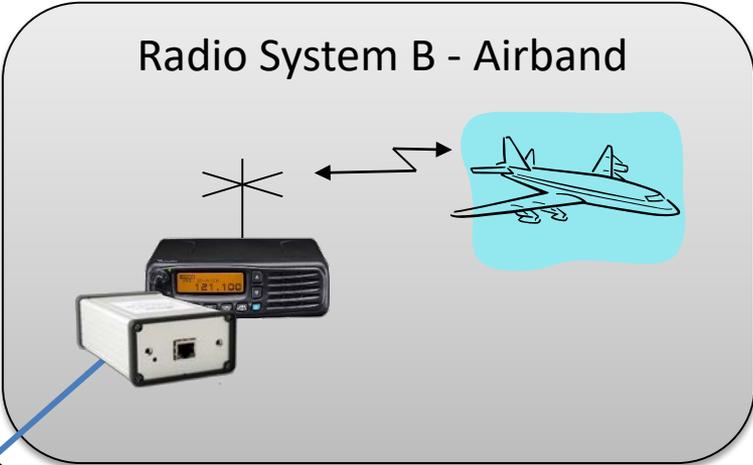
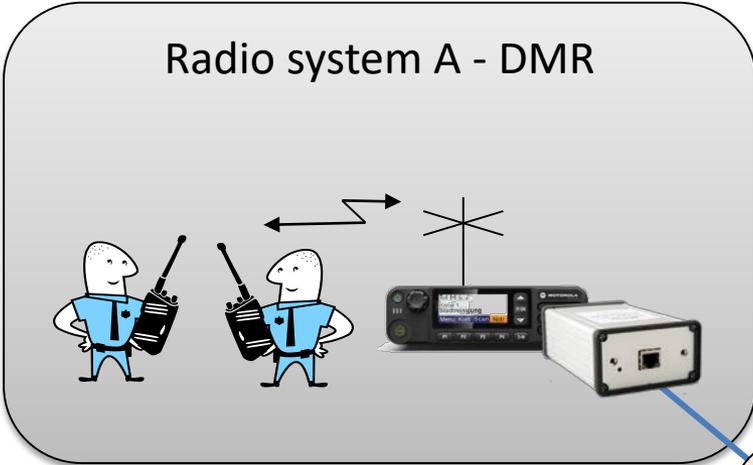
SoftRadio with CrossPatch



Virtual Control Heads

CrossPatch C3

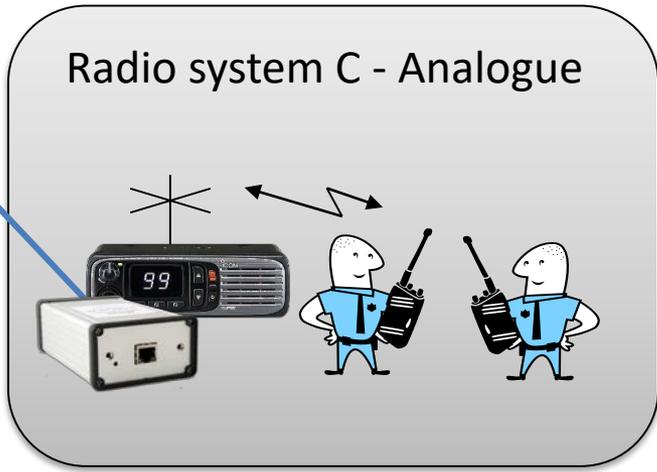
Using Mimer SoftRadio



When using SoftRadio more than two radios can be patched at the same time. Making a large talk group over different systems or regions.

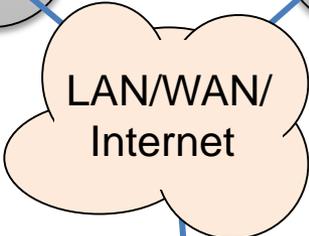
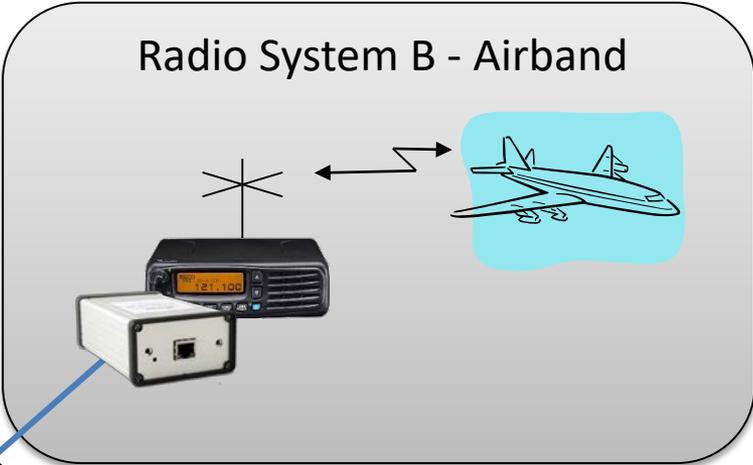
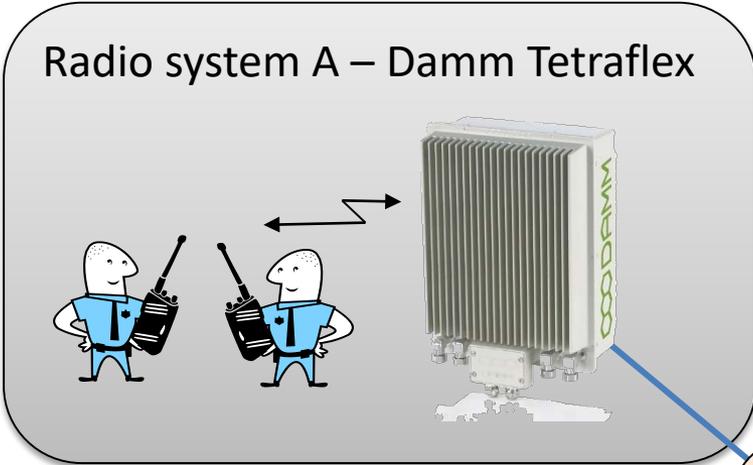


SoftRadio with CrossPatch



CrossPatch C4

Using Mimer SoftRadio



Direct connection

With the Damm Tetraflex system we can connect directly, without a fixed donor radio. Giving access to crosspatching of any talk group.



SoftRadio with Damm Option and CrossPatch



Virtual Control Heads