

Mimer  SoftRadio



Mimer Vehicle Panel

Connecting Radios all over the world

Mimer Vehicle Panel



Controls a Tetra terminal, or other radio type.

Also connects to other systems in trains or buses for setting of signs, line number etc.



Mimer Vehicle Panel

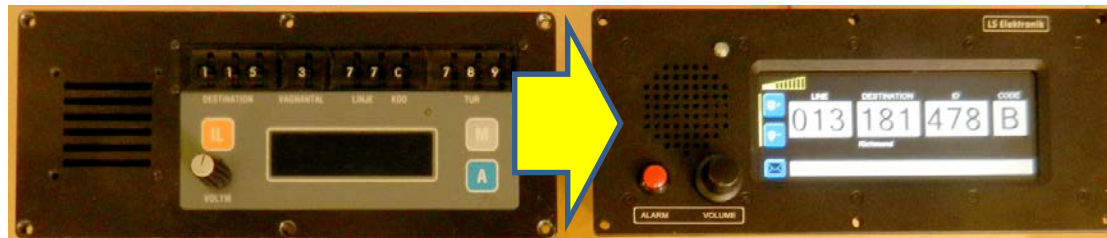
Running in 800 train cabins in
the Stockholm Metro



Mimer Vehicle Panel

The panel can be **tailor made** to fit different user groups.

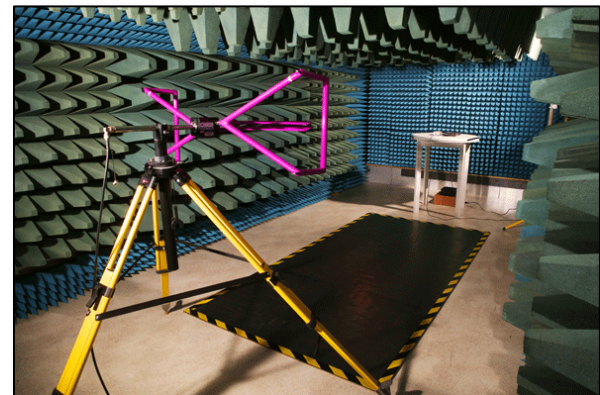
In the case of Stockholm Metro both the size and the functionality was decided since it exchanged an old panel in the trains used together with an old radio system.



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The panel is made to withstand the harsh environment that is present in for example trains and buses.

It is tested for vibration, shock, dust, water and EMC both at internal tests and at external test houses.



Our own EMC-lab at LSE

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All software is tailor made for the panels micro controller.

There are no Windows, Linux, Android or other open operative systems involved in the panel.

= No hacking or virus threats!

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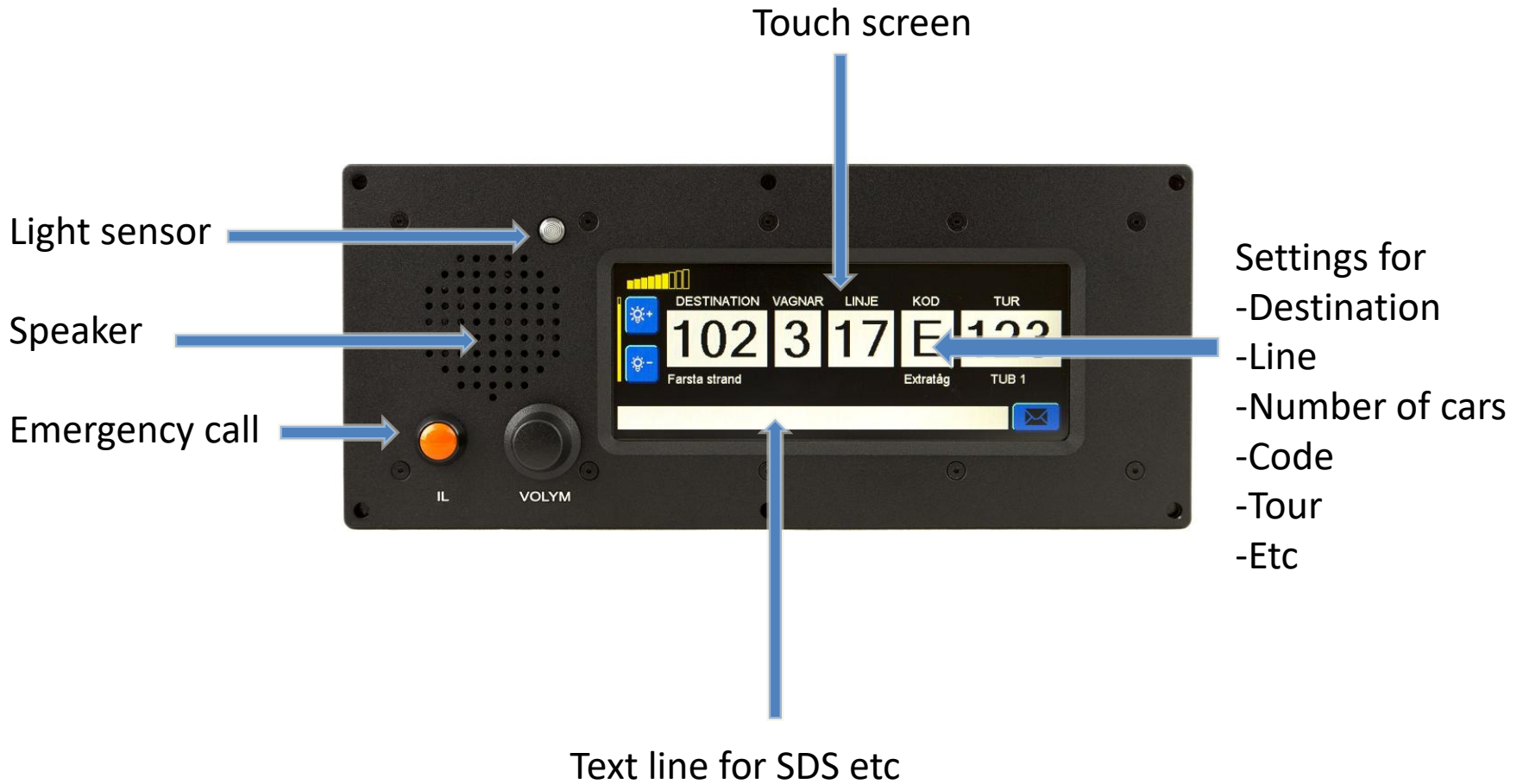
- Front panel of powder coated Aluminum
- Cabinet of steel (Zink/Aluminum plated)
- IP54 sealing of the front including speaker
- Industrial class resistive touch display, durable scratch resistible glass surface and usable with gloves on
- Display light controllable from very dark to very bright, automatic and manual
- Continuous rotary volume control

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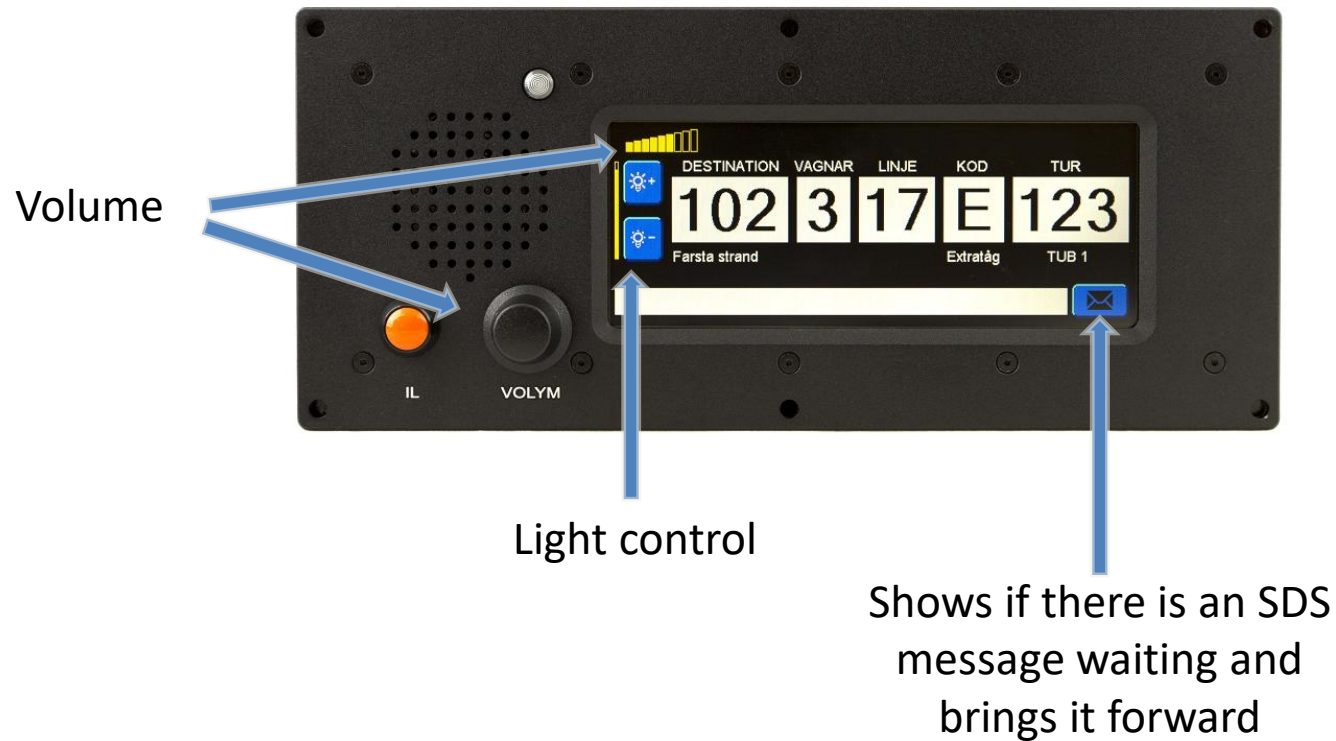


- Interactive menu's easy understood and easy used by the drivers
- Hidden service menu to be used by service personnel
- Programmable settings via USB from a PC based service software

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A push on one of the numbers brings it forward for easy setting of a new number, for example the line that the train is running.

This setting will then set both the radios talk group and the signs on the train.

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Menus for setting of other parameters

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A yellow envelope indicates that an SDS is in the in basket.

A push on the envelope brings the Read Menu forward.



Flash SDS:s are shown immediately and the envelope then becomes red.

All incoming messages are accompanied with a sound.

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Some menus needs a log on code to be activated.



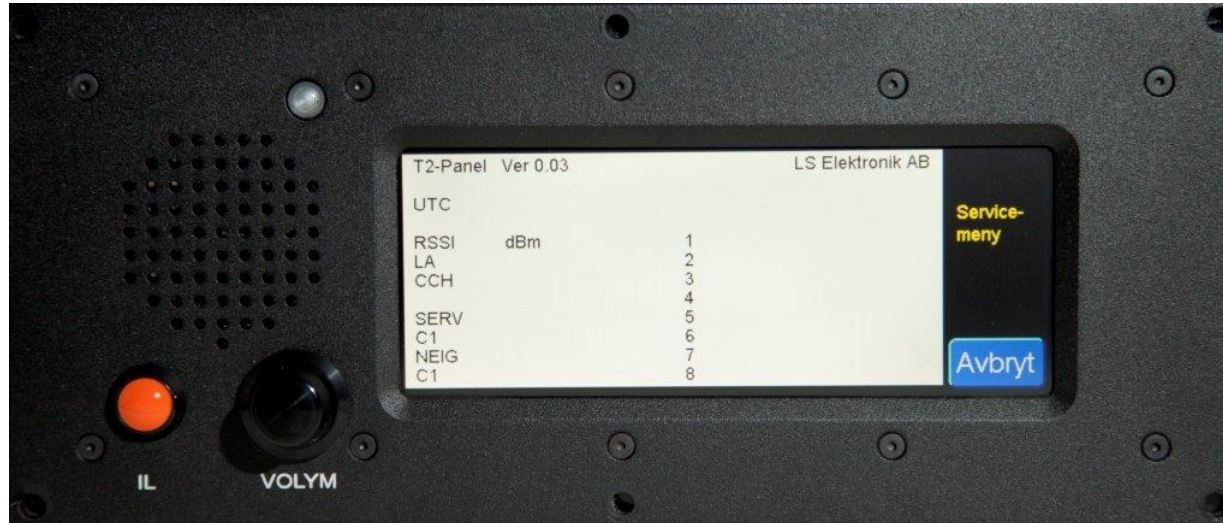
When starting your shift you need to do one setting before the radio starts.

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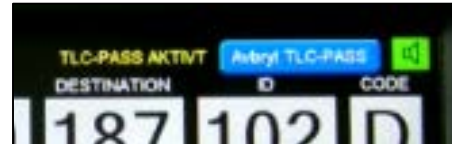
Pushing and holding the emergency button brings a warning menu forward that prompts you to keep holding the button for two seconds (if there is an emergency).

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The panel has a hidden service menu with software versions, status information from the radio etc.

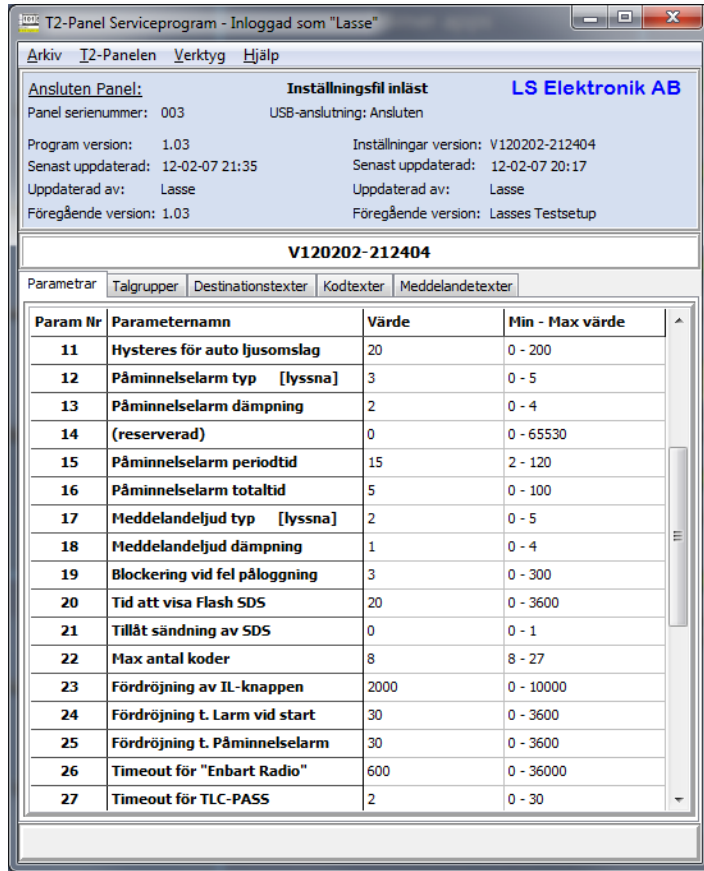
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Dispatch to passenger message

- There is a function built in to the panel that enables the dispatch central to talk through the trains PA-system using the radio system, via the panel.
- The function is started and stopped by the dispatcher sending a specific Tetra SDS-message to the MVP.

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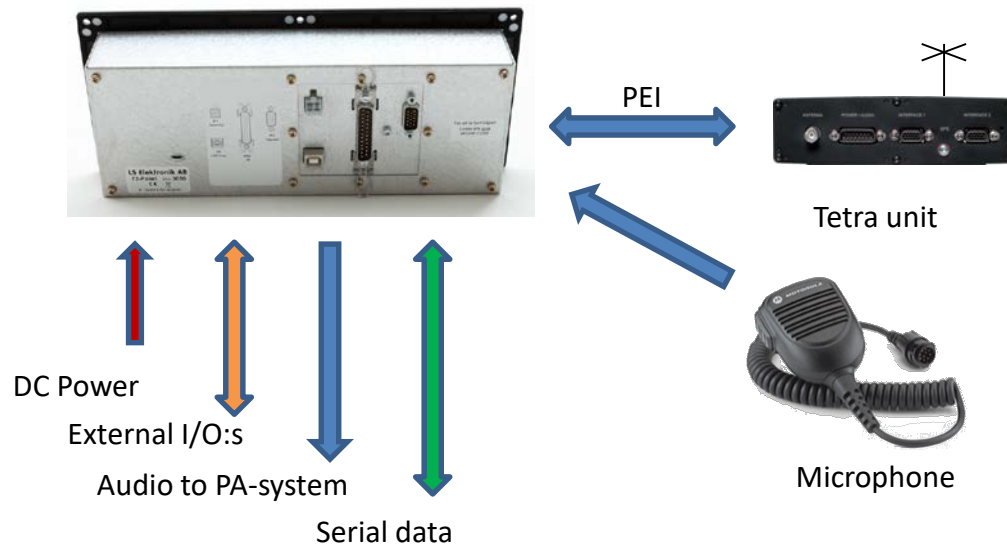
Service Software

From a Windows PC software, certain parameters can be set. For example timers and sounds.

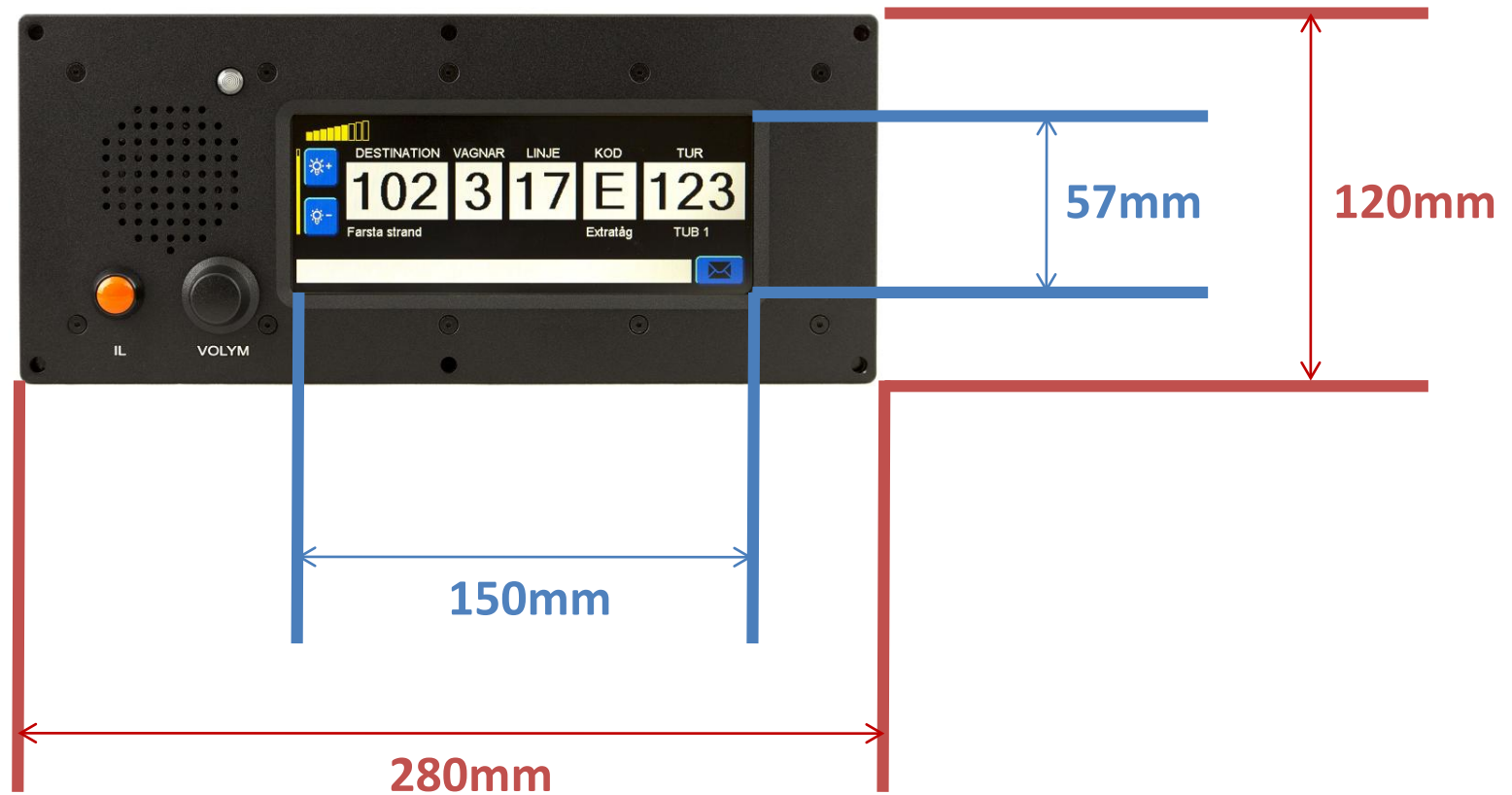
The software logs date and name when changes are made.

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Connections on the MVP



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Other possible software solutions on the MVP



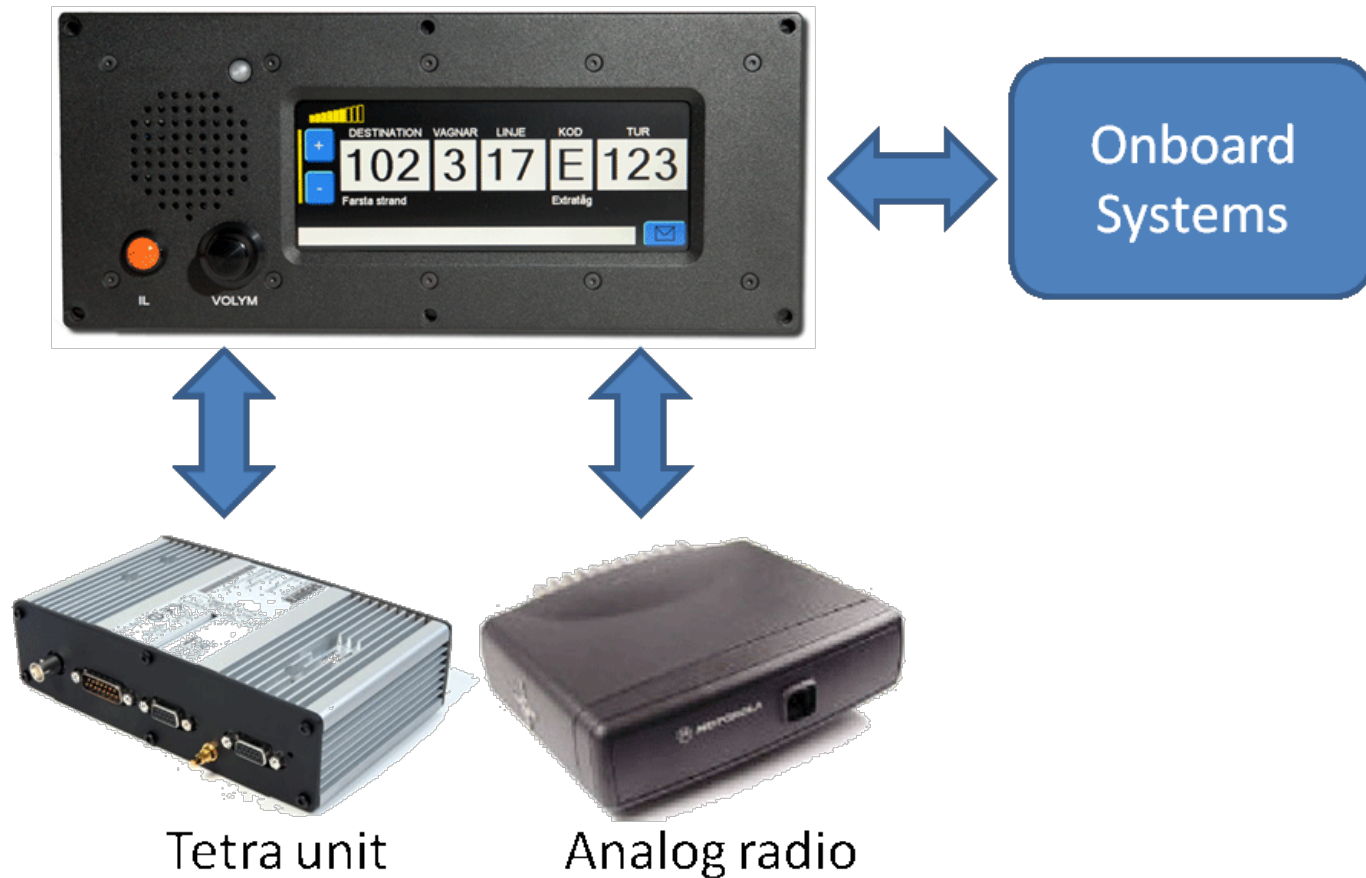
Example with a virtual control head, in this case from a MotoTrbo radio.



Example with a console for SoftRadio, in this case with two radios connected.

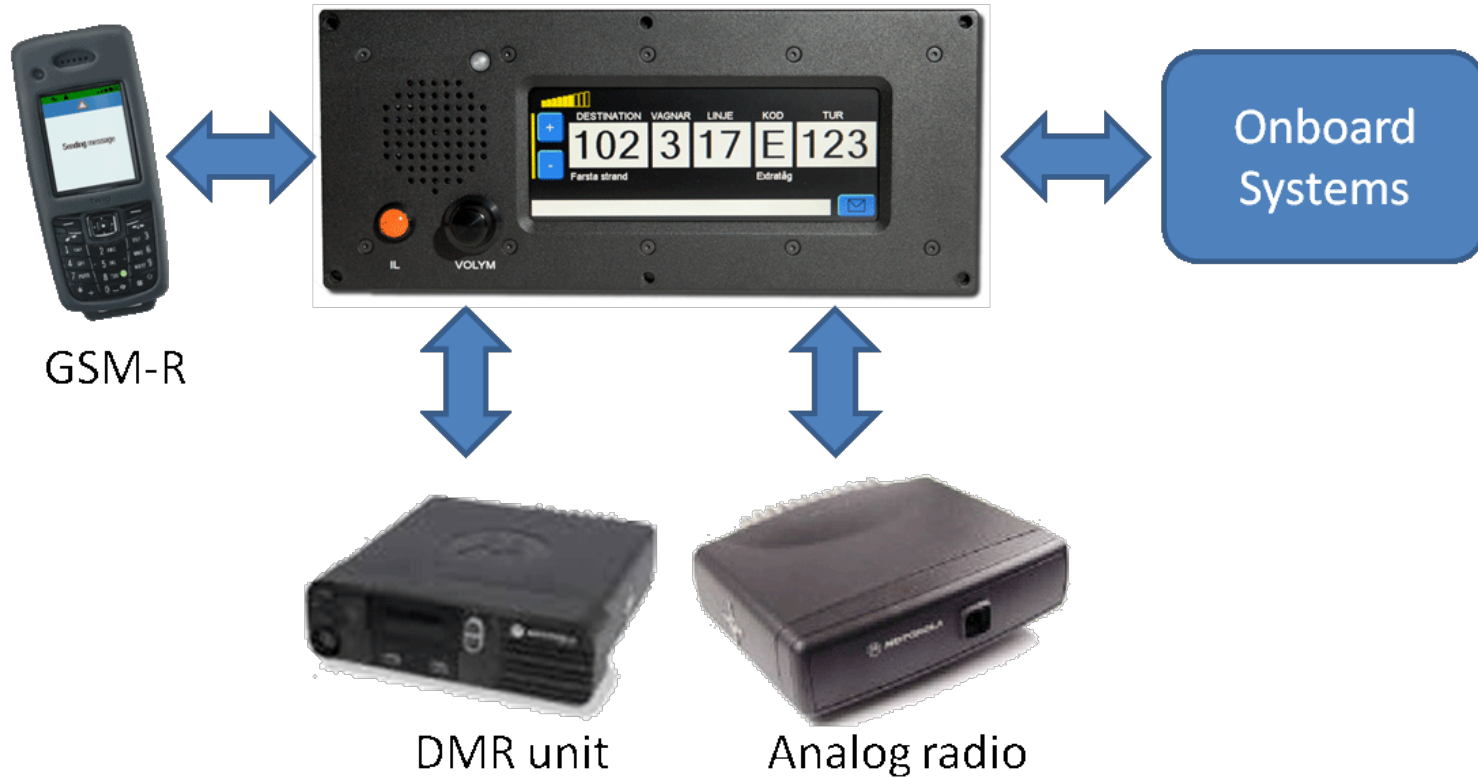
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Example with two radios connected



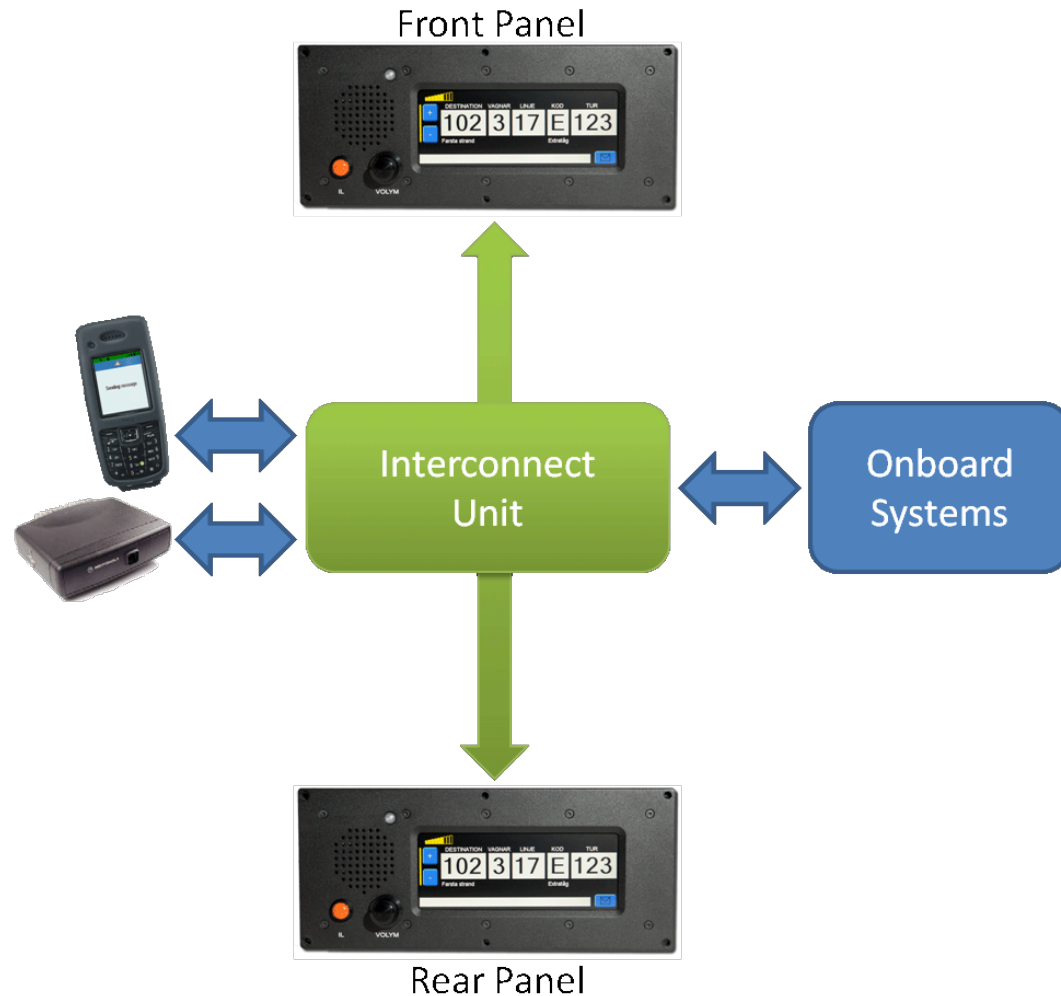
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Example with two radios and a phone connected



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Example with two panels connected to the same radio and a phone



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More information available at
www.lse.se/other-lse-products/mvp/

