

Inhaltsverzeichnis

1. TCE Tinycore Linux Project englisch	17
2. Benutzer:OE2WAO	7
3. Geeignete Soundkarten	12
4. TCE Tinycore Linux Projekt	22

TCE Tinycore Linux Project englisch

[Versionsgeschichte interaktiv durchsuchen](#)

[Visuell Wikitext](#)

Version vom 12. September 2013, 21:54

Uhr (Quelltext anzeigen)

[OE2WAO](#) ([Diskussion](#) | [Beiträge](#))

([→Software](#))

[← Zum vorherigen Versionsunterschied](#)

Version vom 19. August 2021, 09:45 Uhr

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[OE2WAO](#) ([Diskussion](#) | [Beiträge](#))

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Zeile 1:

==Intro==

[[Bild:PPC.jpg|thumb|500MHz LowPower industrial PC]]

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Inhaltsverzeichnis

1 Intro	20
2 Hardware	20
2.1 Connections and conversion of the used industrial pc	20
2.2 Soundcard	21
3 Software	21
3.1 Software schematic	21
4 Help	21

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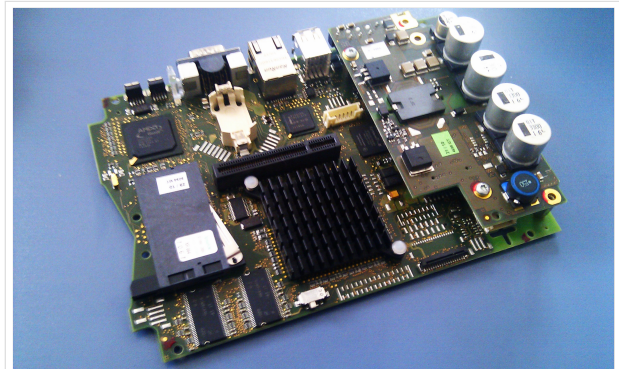
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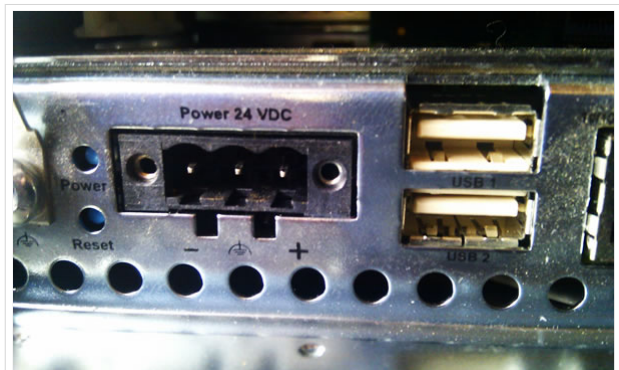
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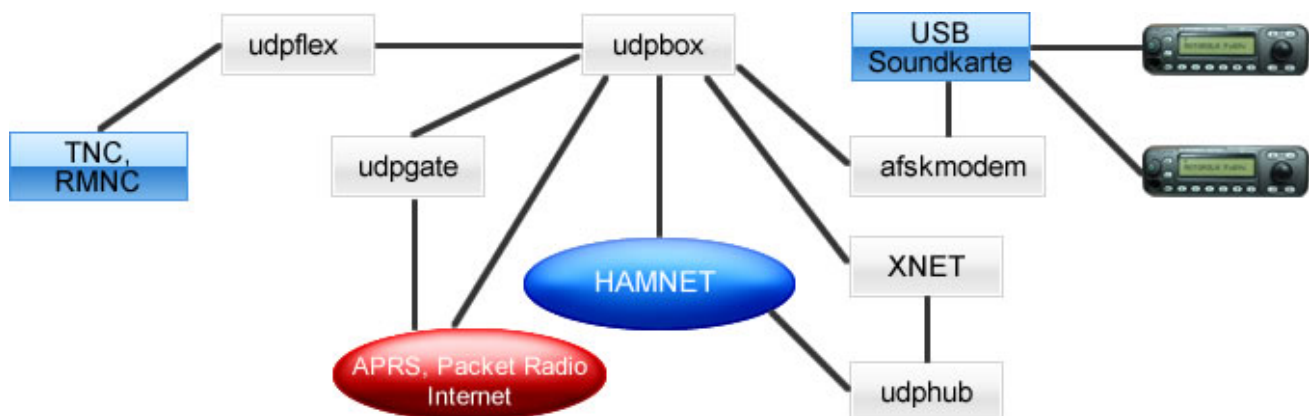
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Inhaltsverzeichnis

1 Intro	10
2 Hardware	10
2.1 Connections and conversion of the used industrial pc	10
2.2 Soundcard	11
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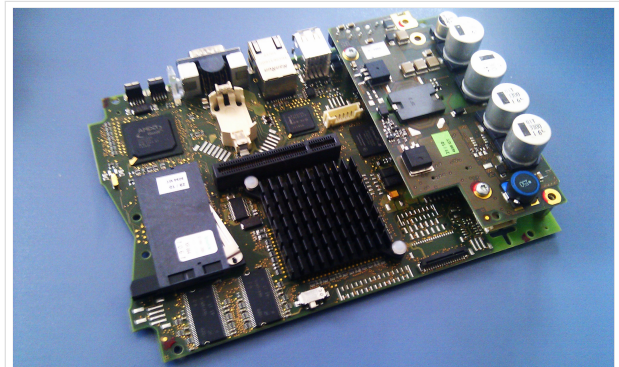
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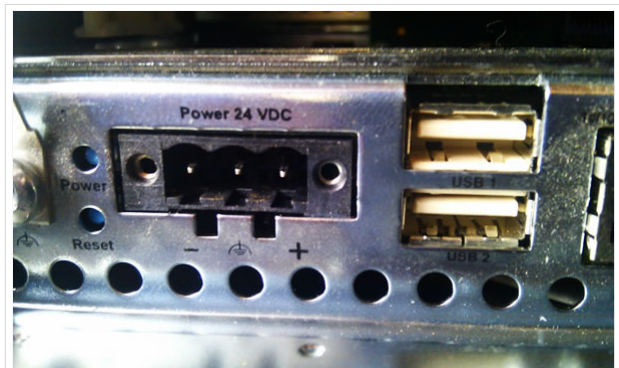
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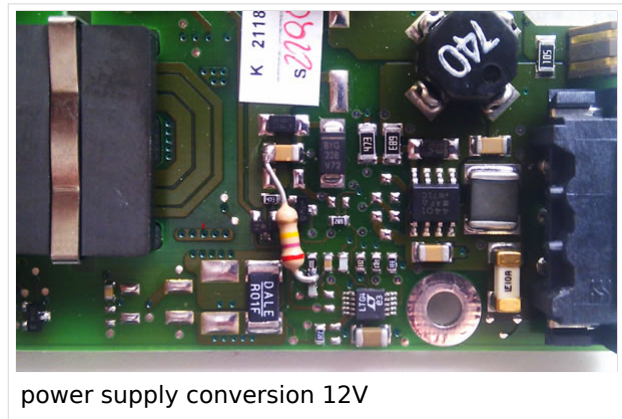
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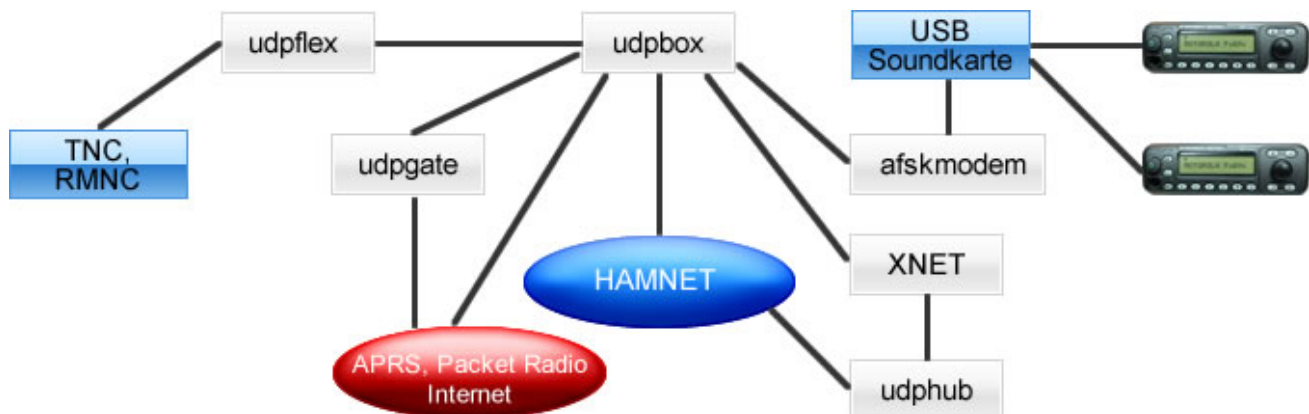
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1 Intro	15
2 Hardware	15
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2.2 Soundcard	16
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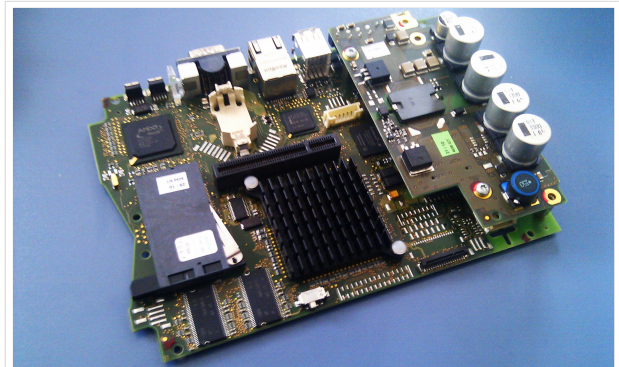
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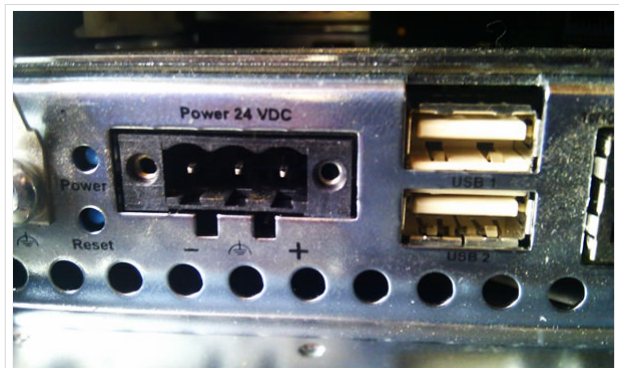
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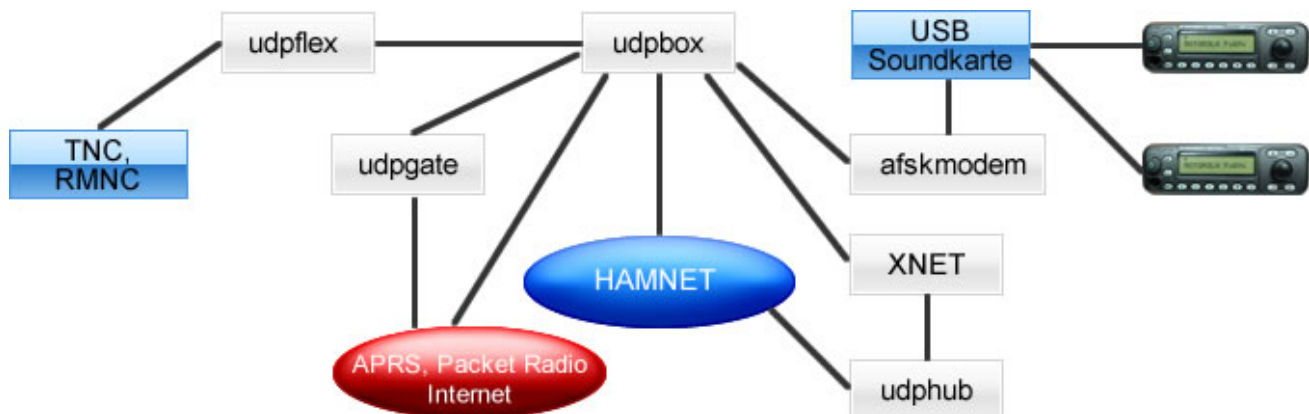
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===Connections and conversion of the
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+++Software schematic+++

+[Datei:Udpboxs.jpg]

==Help==

==Help==

-

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software packages you can contact
OE5DXL on packet radio convers channel **4**
4 or 4711.

+

If you need help on configuring the
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01.

Version vom 19. August 2021, 09:45 Uhr



Für die deutsche Version dieses Projekts >>[hier klicken](#)<<

Inhaltsverzeichnis

1 Intro	20
2 Hardware	20
2.1 Connections and conversion of the used industrial pc	20
2.2 Soundcard	21
3 Software	21
3.1 Software schematic	21
4 Help	21

Intro

This hamradio software project is based on [TCE - Tinycore Linux](#), an embedded software system used on platforms like industrial pc, ALIX and others, and offers

- multimode
- multibaud
- multichannel

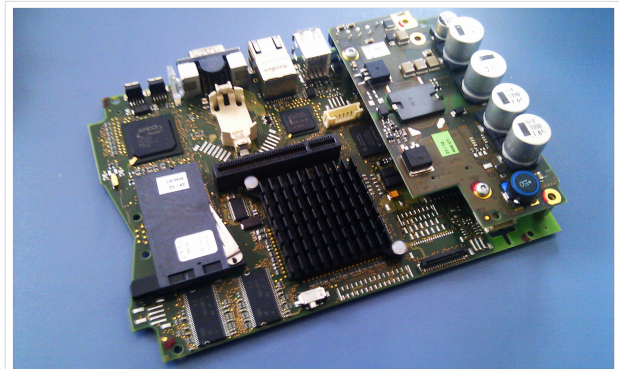
services and possibilities like

- Packet Radio,
- BBS,
- APRS,
- Radiosonde tracker,
- lightning log,
- small webserver,
- SVX-Link (Echolink)

especially in networks like HAMNET and similar.

One goal is a minimum on material expenditure and also a minimal current consumption, followed by a maximum of features

More information on the hamradio TCE - tinycore linux project coming here soon



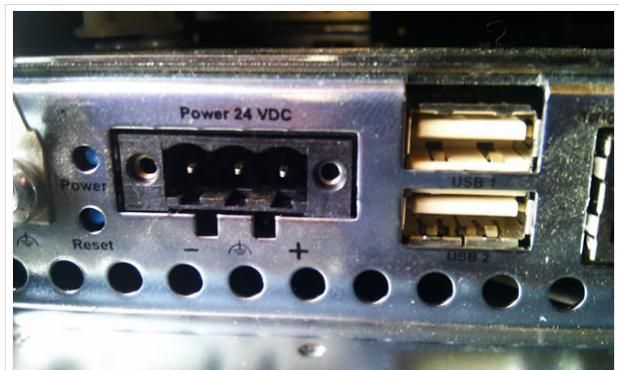
500MHz LowPower industrial PC

Hardware

DH2IW Wolfgang, OE2WAO Mike and OE5DXL Chris are doing first experiments with discarded industrial pc hardware, a 500MHz AMD Geode CPU with up to 256MB of RAM, and a minimal power input of <5Watt (for remaining stock ask [OE2WAO](#)).

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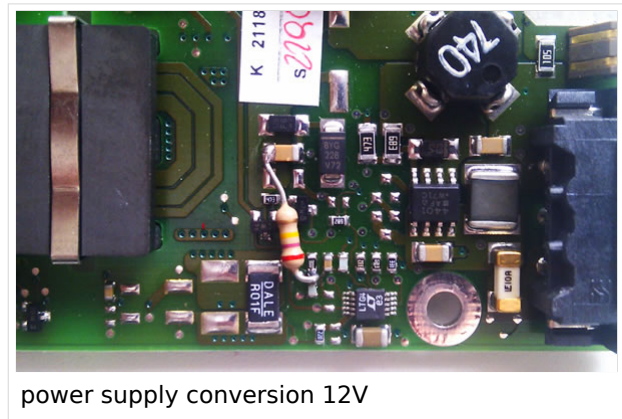
polarity industrial PC

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Connections and conversion of the used industrial pc

There are several connectors (COM, USB, network) on the frontside of our panels, as you can see. For correct polarity it is important to connect the + pole to the right pin of the 3pol power supply connector, the pin which is closer to the USB ports. The negative pole is the left pin.

The normal board supply is 24V. That we can use it with our 12V power supply, we have to do a little modification. Just add a 270k Ohm resistor on the bottom side of the power supply as shown in the picture.



Soundcard

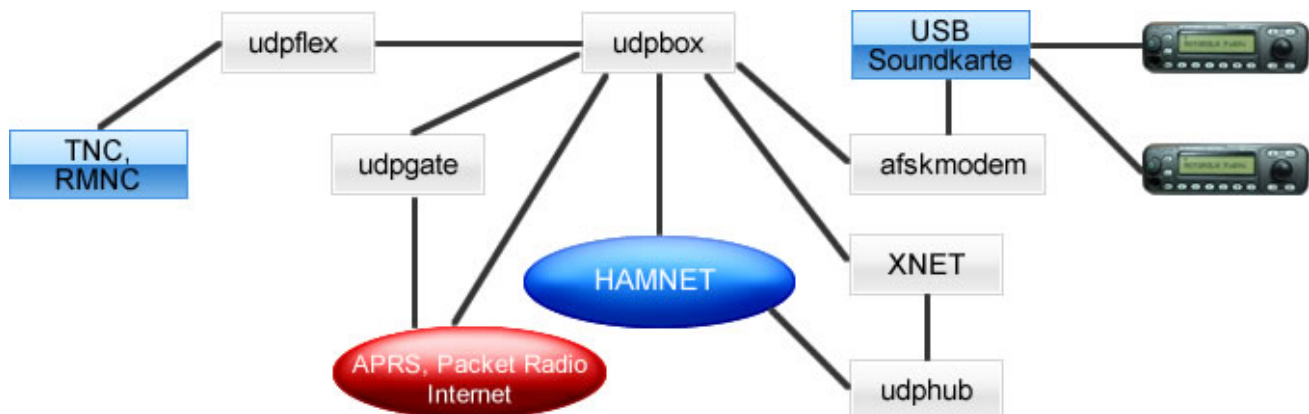
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Software schematic



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TCE Tinycore Linux Project englisch: Unterschied zwischen den Versionen

Versionsgeschichte interaktiv durchsuchen

Visuell Wikitext

Version vom 12. September 2013, 21:54

Uhr (Quelltext anzeigen)

OE2WAO ([Diskussion](#) | [Beiträge](#))

([→Software](#))

[← Zum vorherigen Versionsunterschied](#)

Version vom 19. August 2021, 09:45 Uhr

(Quelltext anzeigen)

OE2WAO ([Diskussion](#) | [Beiträge](#))

K ([→Intro](#))

Markierung: [Visuelle Bearbeitung](#)

[Zum nächsten Versionsunterschied →](#)

(6 dazwischenliegende Versionen desselben Benutzers werden nicht angezeigt)

Zeile 1:

==Intro==

[[Bild:PPC.jpg|thumb|500MHz LowPower industrial PC]]

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– ***APRS,**

Zeile 1:

+ **[[Datei:Deutschland-flagge.gif]] Für die deutsche Version dieses Projekts [[TCE Tinycore Linux Projekt | >>hier klicken<<]]**

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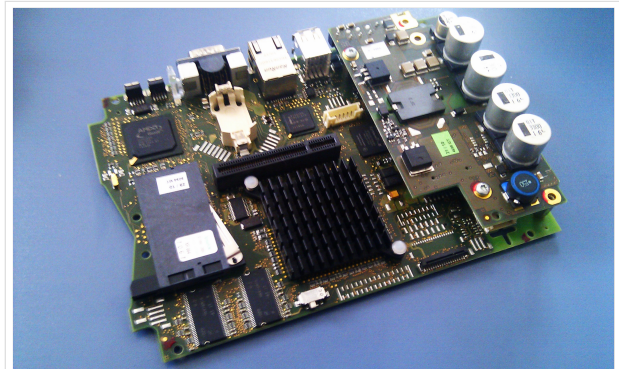
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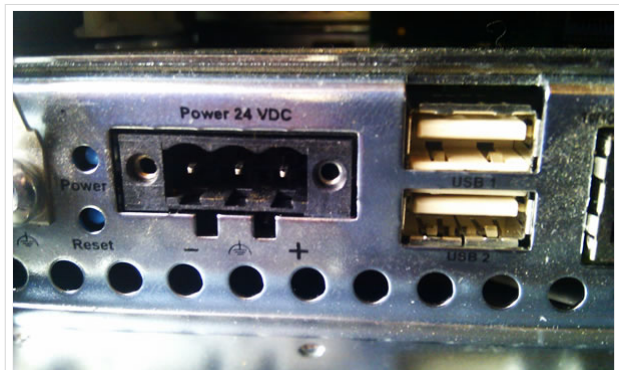
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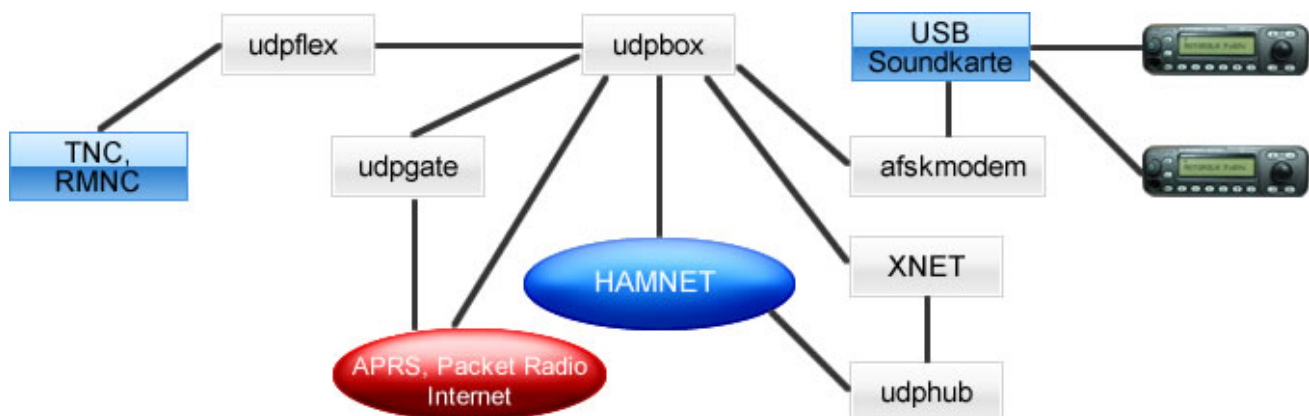
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