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TCE Tinycore Linux Project englisch

Versionsgeschichte interaktiv durchsuchen
VisuellWikitext

Version vom 13. Januar 2014, 21:29 Uhr (Quelltext anzeigen) OE2WAO (Diskussion | Beiträge) ← Zum vorherigen Versionsunterschied	**Version vom 19. August 2021, 08:45 Uhr (Quelltext anzeigen)** OE2WAO (Diskussion | Beiträge) K (→Intro) Markierung: Visuelle Bearbeitung Zum nächsten Versionsunterschied →

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	Zeile 1:		**Zeile 1:**
+		+	**[[Datei:Deutschland-flagge.gif]] Für die deutsche Version dieses Projekts [[TCE Tinycore_Linux_Projekt | >>hier klicken<<]]**
	==Intro==		==Intro==
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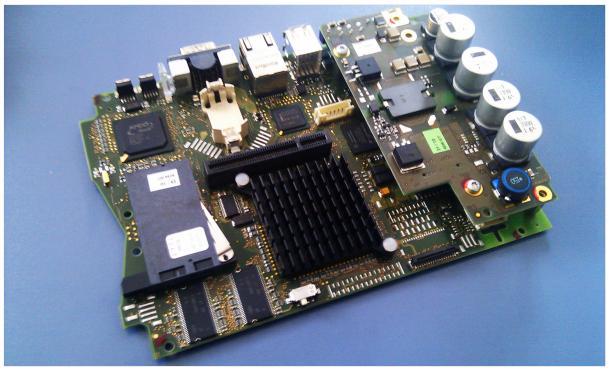
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Intro


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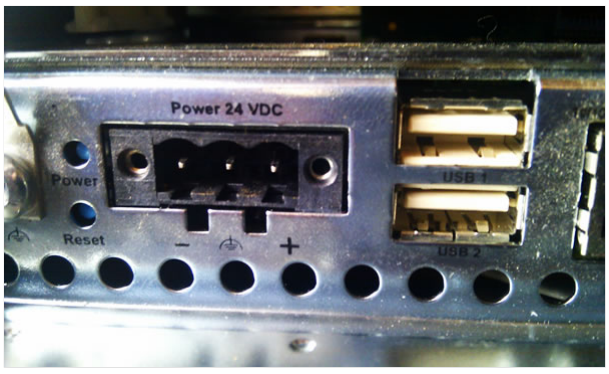
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polarity industrial PC

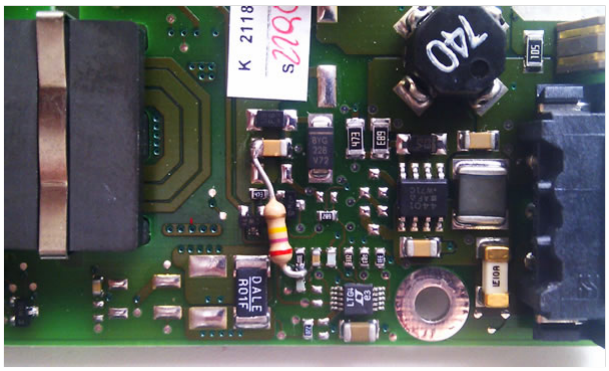
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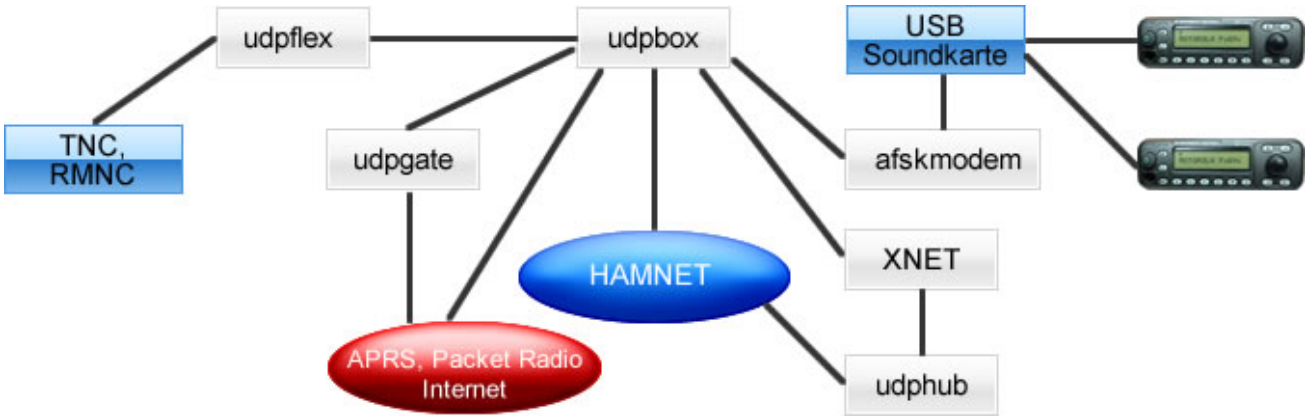
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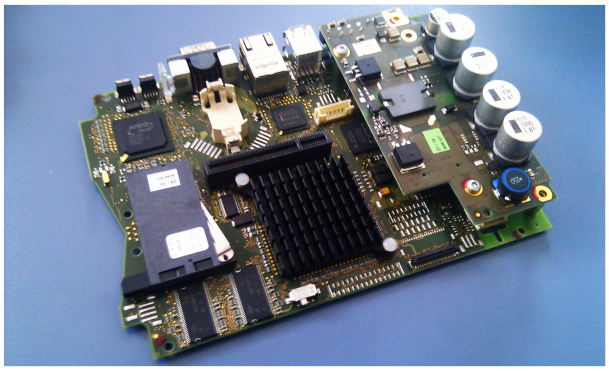
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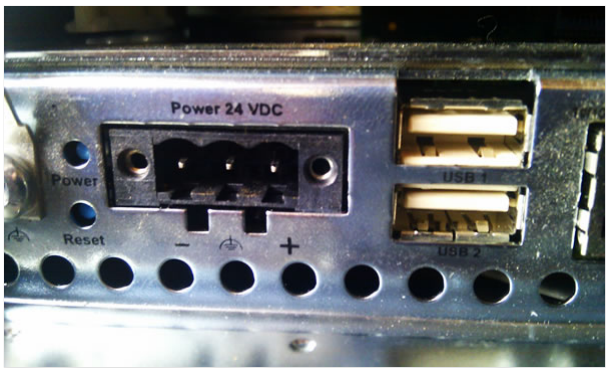
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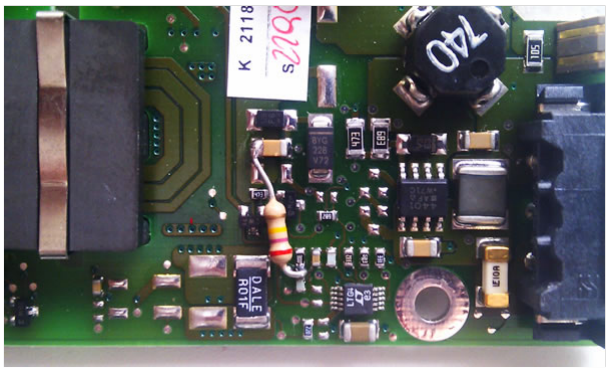
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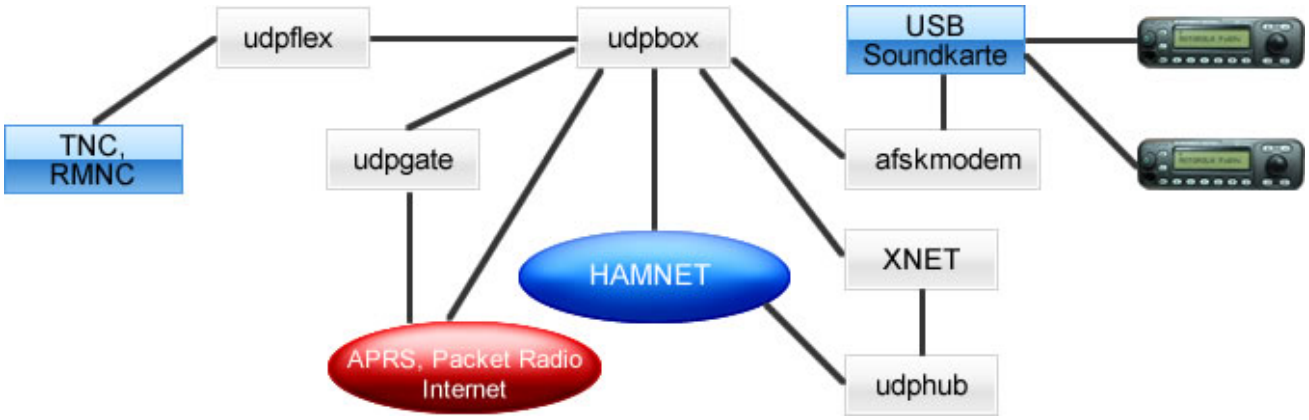
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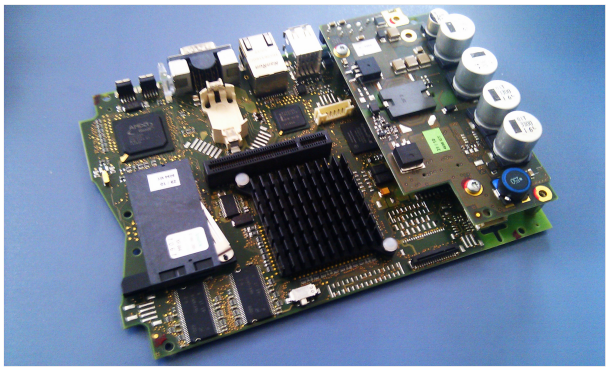
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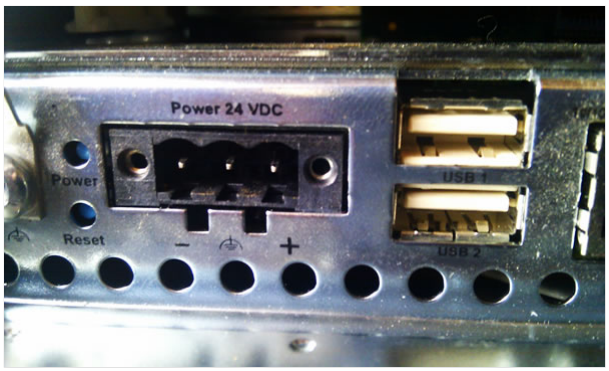
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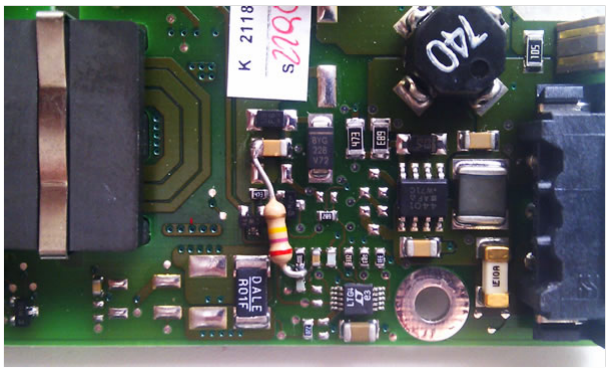
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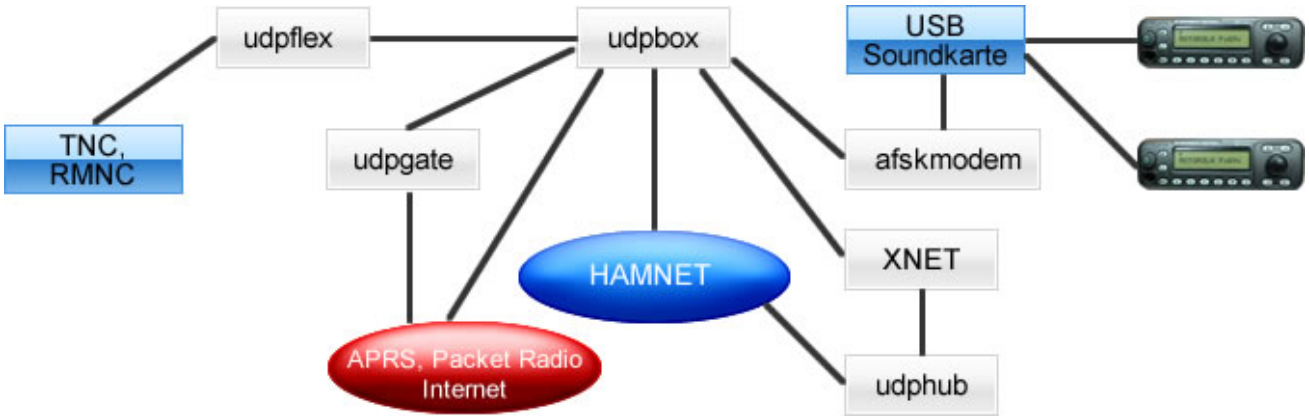
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===Connections and conversion of the used industrial pc===	===Connections and conversion of the used industrial pc===

Zeile 41: **Zeile 51:**

==Help==	==Help==
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Version vom 19. August 2021, 08:45 Uhr

 Für die deutsche Version dieses Projekts >>hier klicken<<

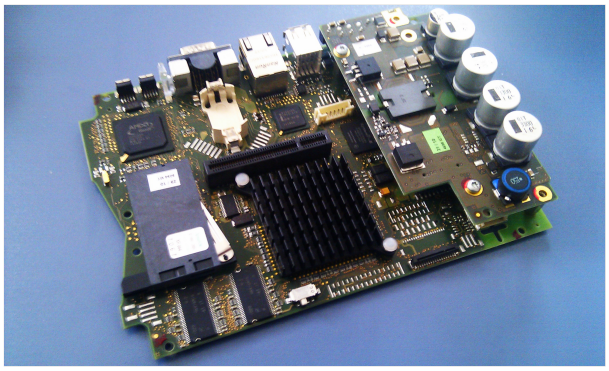
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2.2 Soundcard 21
3 Software 21
3.1 Software schematic 21
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Intro

This hamradio software project is based on TCE - Tinycore Linux, an embedded software system used on plattforms like industrial pc, ALIX and others, and offers

- multimode
- multibaud
- multichannel


500MHz LowPower industrial PC

services and possibilities like

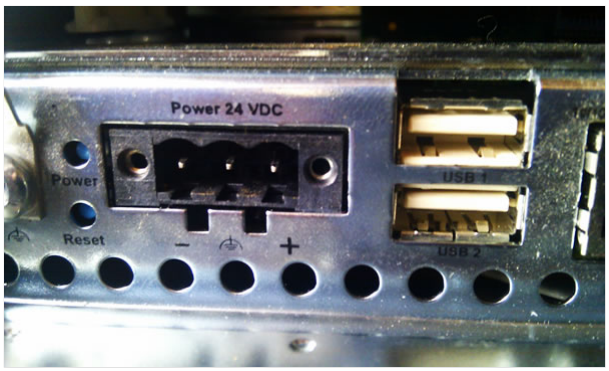
- Packet Radio,
- BBS,
- APRS,
- Radiosonde tracker,
- lightning log,
- small webserver,
- SVX-Link (Echolink)

especialy 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

Hardware

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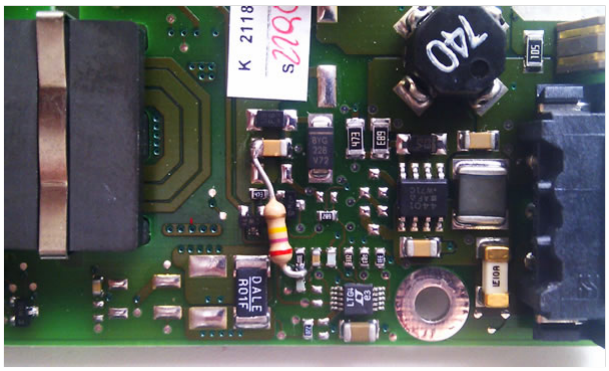
polarity industrial PC

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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 connent 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.



power supply conversion 12V

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.

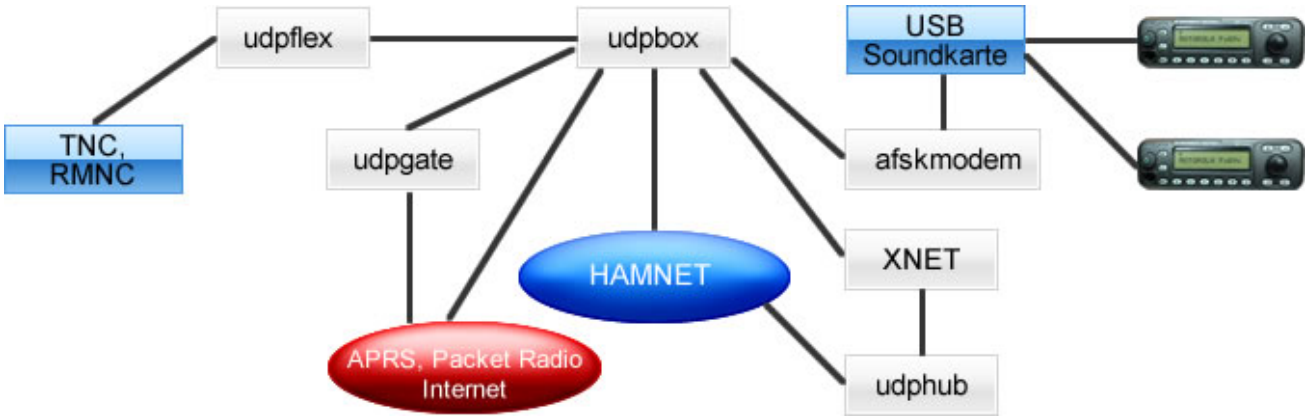
Soundcard

If there is no onboard sound available, you can use a USB soundcard instead. Suggested types you can find here.

Software

A ready-to-use software image is located on the OE2WAO Server (e.g. tc455x-128.zip means version 4.55 with GUI on 128MB data drive)
There is also a version for raspberry pi hardware in test, and available soon.

Software schematic



Help

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TCE Tinycore Linux Project englisch: Unterschied zwischen den Versionen

Versionsgeschichte interaktiv durchsuchen
VisuellWikitext

Version vom 13. Januar 2014, 21:29 Uhr (Quelltext anzeigen)	**Version vom 19. August 2021, 08:45 Uhr (Quelltext anzeigen)**
OE2WAO (Diskussion | Beiträge)	OE2WAO (Diskussion | Beiträge)
← Zum vorherigen Versionsunterschied	K (→Intro)
	Markierung: Visuelle Bearbeitung
	Zum nächsten Versionsunterschied →

(5 dazwischenliegende Versionen desselben Benutzers werden nicht angezeigt)

	Zeile 1:		**Zeile 1:**
		+	**[[Datei:Deutschland-flagge.gif]] Für die deutsche Version dieses Projekts [[TCE Tinycore_Linux_Projekt | >>hier klicken<<]]**
	==Intro==		==Intro==
	[[Bild:PPC.jpg|thumb|500MHz LowPower industrial PC]]		[[Bild:PPC.jpg|thumb|500MHz LowPower industrial PC]]
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*small webserver,	*small webserver,
*SVX-Link (Echolink)	*SVX-Link (Echolink)
	+
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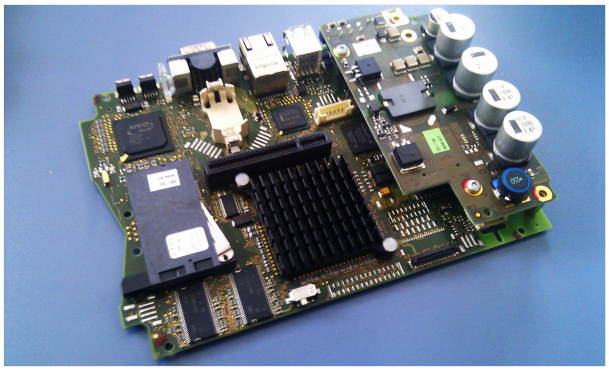
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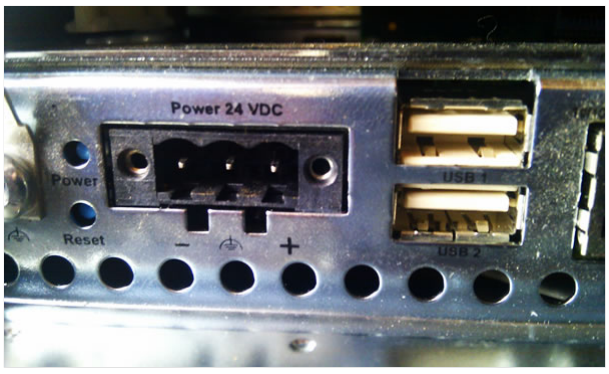
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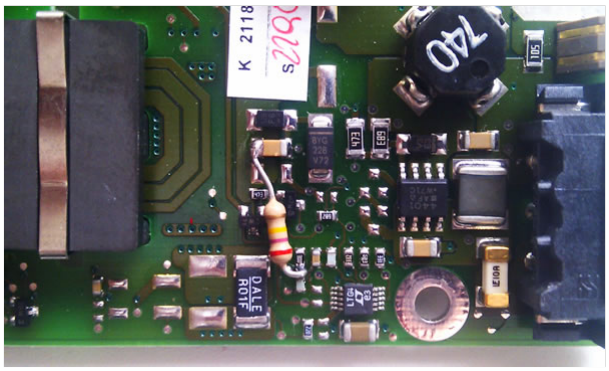
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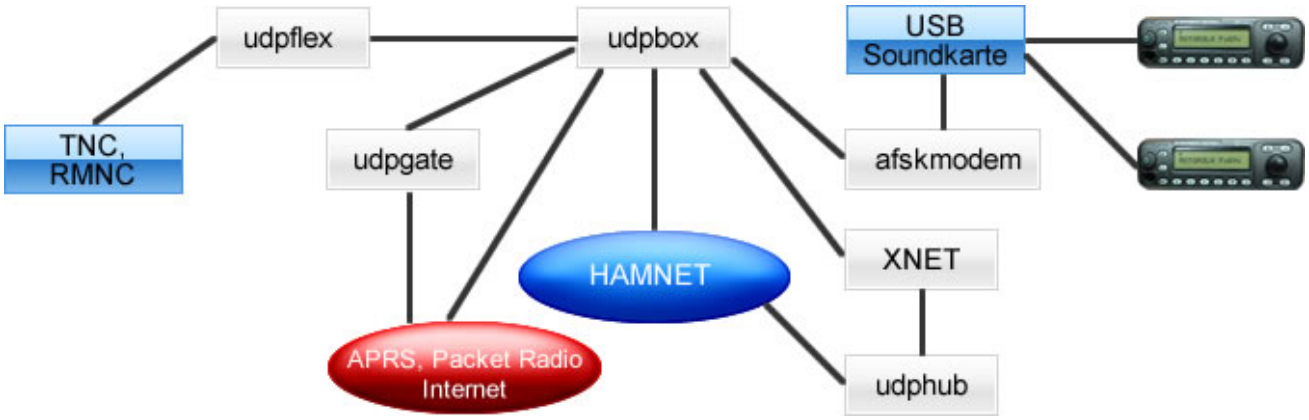
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