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TCE Tinycore Linux Project englisch

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Version vom 11. Juli 2012, 11:12 Uhr (Quelltext anzeigen)

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

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Version vom 19. August 2021, 09:45 Uhr (Quelltext anzeigen)

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(14 dazwischenliegende Versionen desselben Benutzers werden nicht angezeigt)

Zeile 1:	Zeile 1:
==Einleitung==	[[Datei:Deutschland-flagge.gif]] Für die deutsche Version dieses Projekts [[TCE Tinycore Linux Projekt >>hier klicken<<]]
	==Intro==
[[Bild:PPC.jpg thumb 500MHz LowPower industrial PC]]	[[Bild:PPC.jpg thumb 500MHz LowPower industrial PC]]
This hamradio software project is based on [http://www.tinycorelinux.com TCE - Tinycore Linux], an embedded software system used on platforms like industrial pc, ALIX and others, and offers services and possibilities like	This hamradio software project is based on [http://www.tinycorelinux.com TCE - Tinycore Linux], an embedded software system used on platforms like industrial pc, ALIX and others, and offers
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*lightning log,

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*SVX-Link (Echolink)

+

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

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Zeile 12:

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

Zeile 23:

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==Hardware==

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[[Bild:12v-anschluss.jpg|thumb|polarity industrial PC]]

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**But every other hardware platform like ALIX, Raspberry Pi or similar will do.
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**The operating system is placed on a CF memory card (>32MB).
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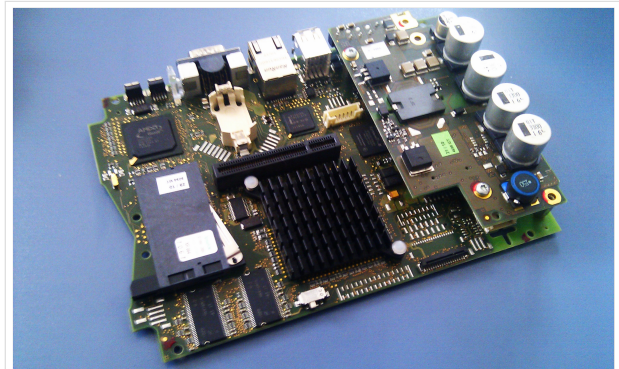
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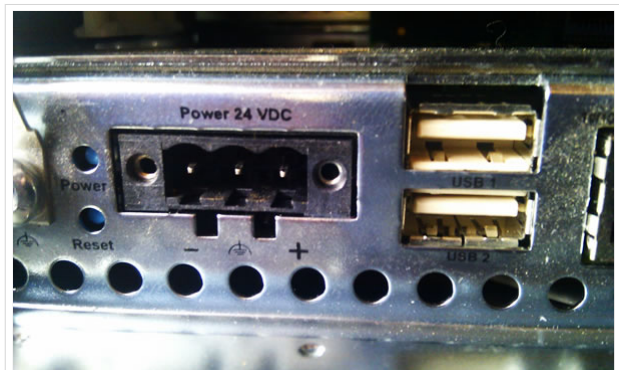
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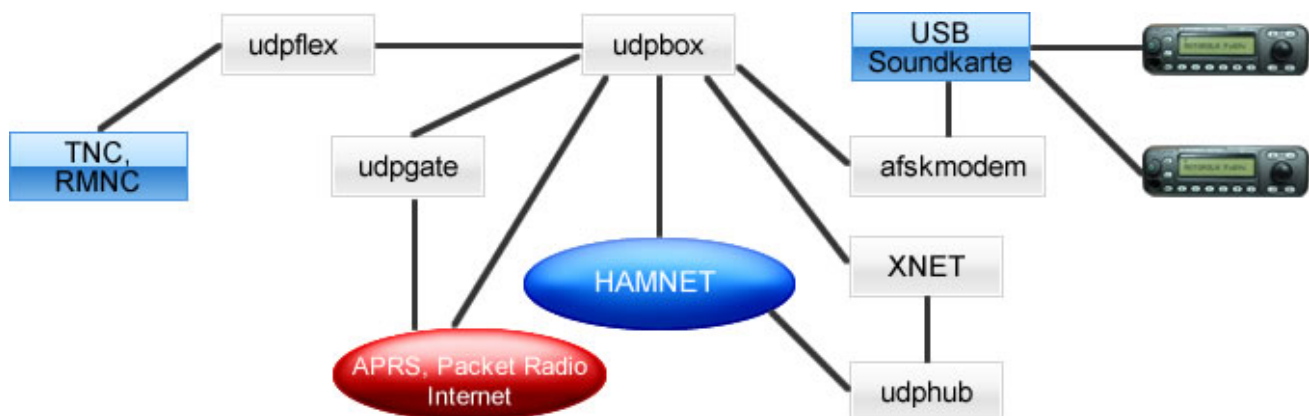
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Ausgabe: 17.04.2024

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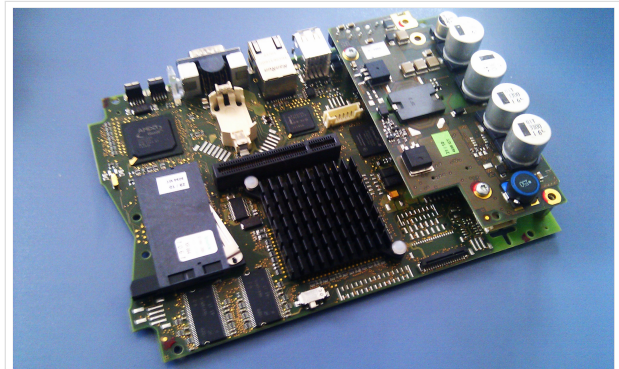
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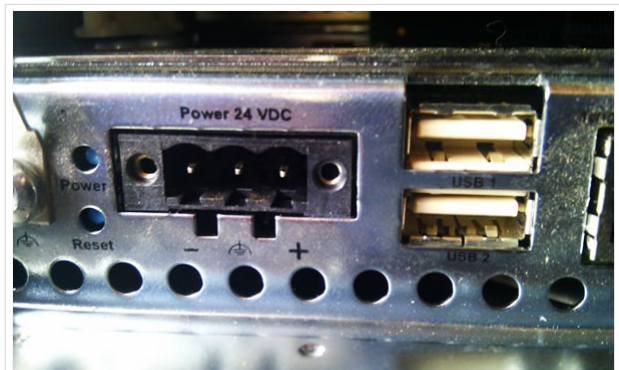
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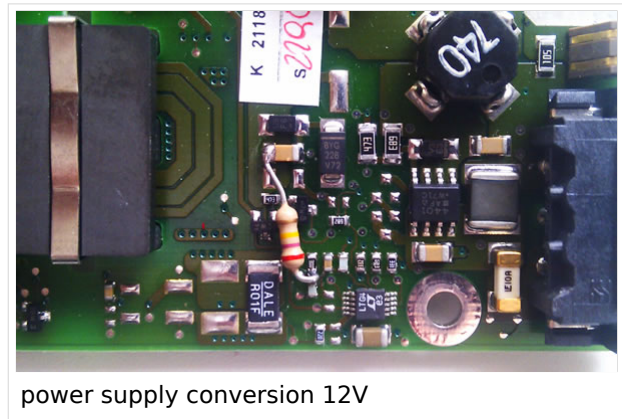
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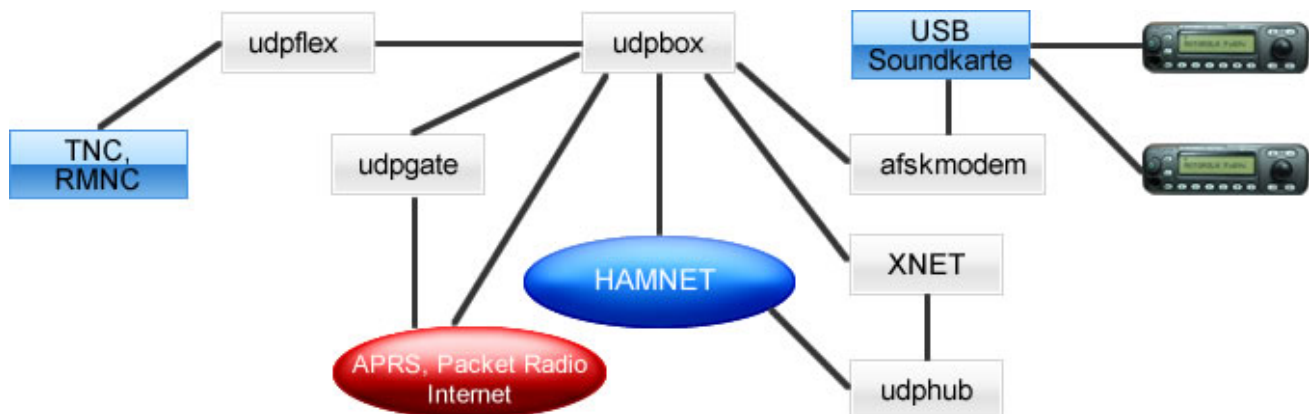
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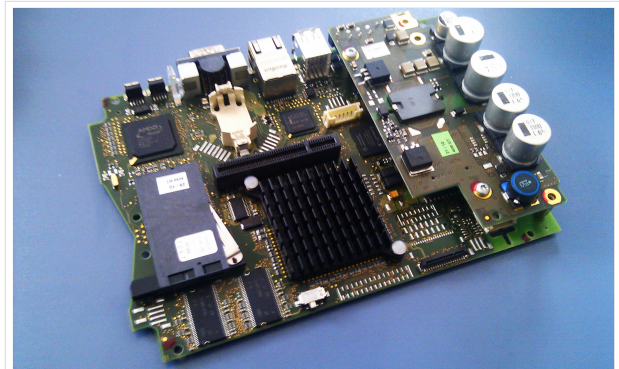
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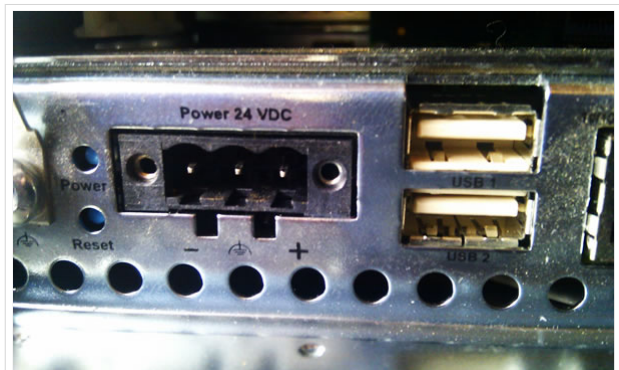
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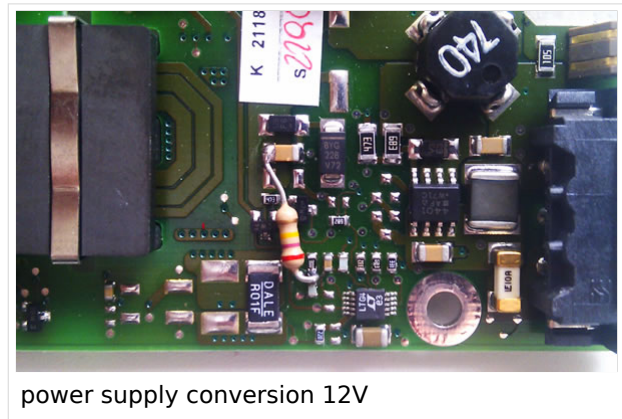
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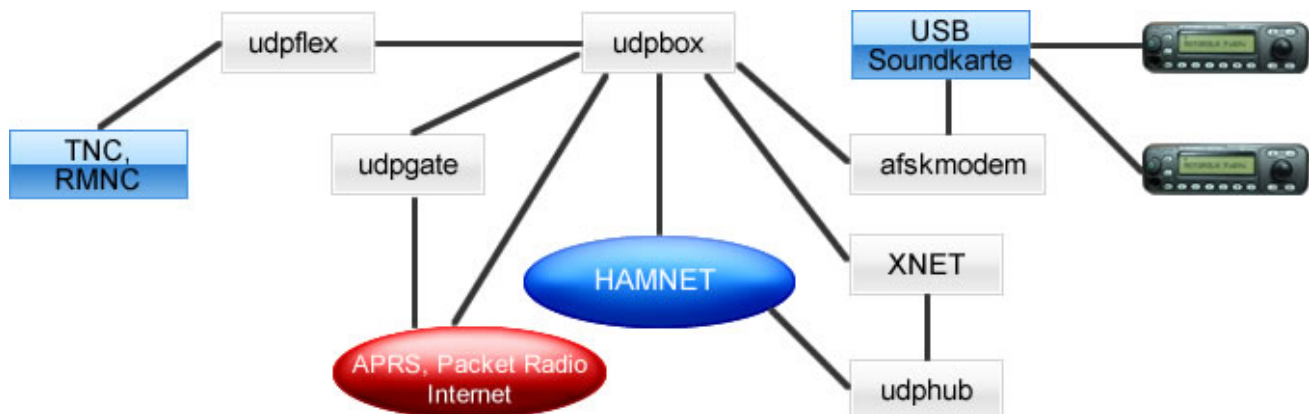
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+ **[[Bild:12v-umbau.jpg|thumb|power supply conversion 12V]]**

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+

+ **==Software==**

==Help==

-

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A ready-to-use software image is located on the [http://www.oe2wao.info/tce 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.

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+

===Software schematic===

+

[[Datei:Udpboxs.jpg]]

+

==Help==

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Version vom 19. August 2021, 09:45 Uhr



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

Inhaltsverzeichnis

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2.1	Connections and conversion of the used industrial pc	24
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3	Software	25
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4	Help	25

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

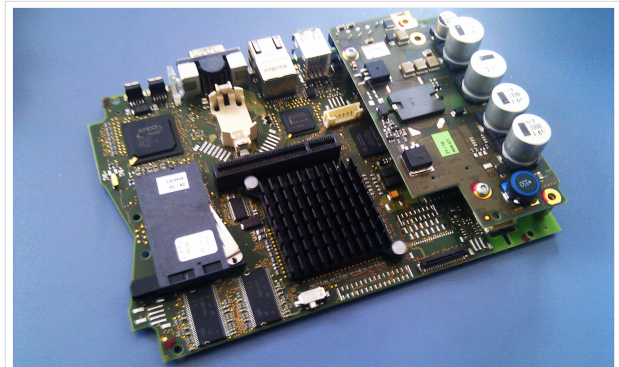
services and possibilities like

- 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



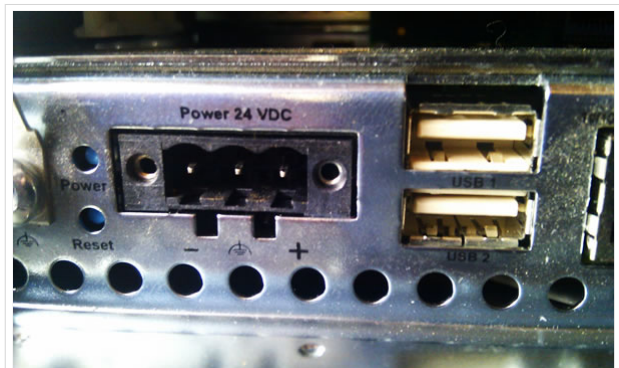
500MHz LowPower industrial PC

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](#)).

But every other hardware platform like ALIX, Raspberry Pi or similar will do.

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polarity industrial PC

A USB soundcard is used for operating AFSK /FSK modulation. One special character of working devices is a 3rd connector beside microphone and line out, the line in. Because these device are real stereo and make it possible to operate two separate channels on one sound card.

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Soundcard

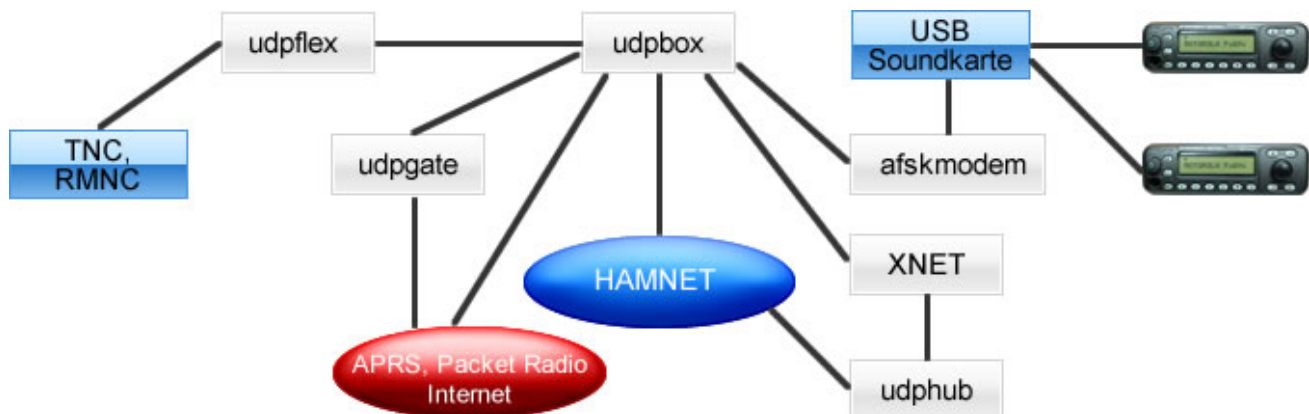
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TCE Tinycore Linux Project englisch: Unterschied zwischen den Versionen

Versionsgeschichte interaktiv durchsuchen

VisuellWikitext

Version vom 11. Juli 2012, 11:12 Uhr (Quelltext anzeigen)

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

← Zum vorherigen Versionsunterschied

Version vom 19. August 2021, 09:45 Uhr (Quelltext anzeigen)

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

K (→Intro)

Markierung: [Visuelle Bearbeitung](#)

Zum nächsten Versionsunterschied →

(14 dazwischenliegende Versionen desselben Benutzers werden nicht angezeigt)

Zeile 1:	Zeile 1:
– ==Einleitung==	+ [[Datei:Deutschland-flagge.gif]] Für die deutsche Version dieses Projekts [[TCE Tinycore_Linux_Projekt >>hier klicken<<]]
	+ ==Intro==
– [[Bild:PPC.jpg thumb 500MHz LowPower industrial PC]]	+ [[Bild:PPC.jpg thumb 500MHz LowPower industrial PC]]
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Zeile 12:

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

Zeile 23:

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+

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[[Bild:12v-anschluss.jpg|thumb|polarity industrial PC]]

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Ausgabe: 17.04.2024

Dieses Dokument wurde erzeugt mit BlueSpice

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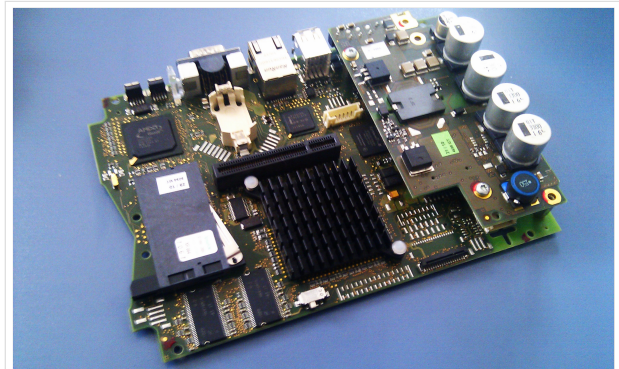
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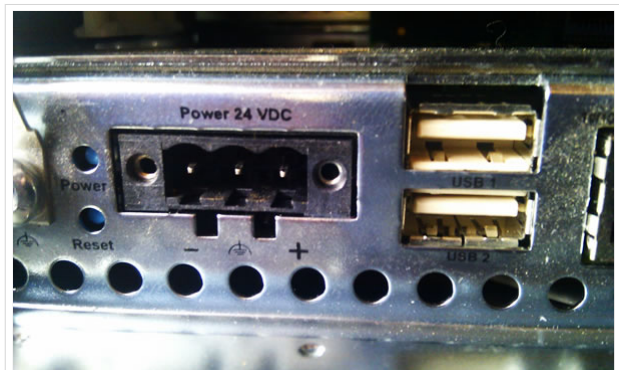
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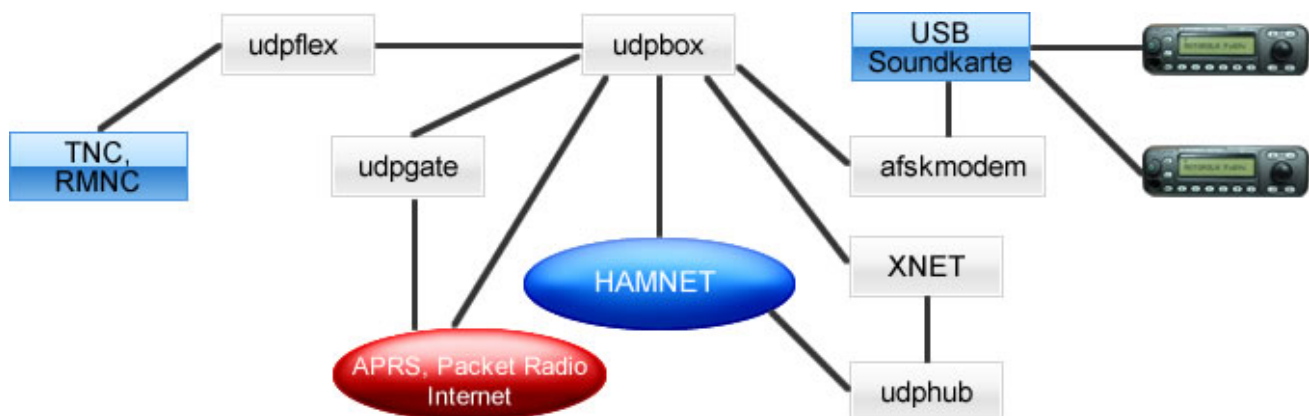
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