

HiSax.cert.txt

-----BEGIN PGP SIGNED MESSAGE-----

First:

HiSax is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

However, if you wish to modify the HiSax sources, please note the following:

HiSax has passed the ITU approval test suite with ELSA Quickstep ISDN cards and Eicon Technology Diva 2.01 PCI card.

The certification is only valid for the combination of the tested software version and the tested hardware. Any changes to the HiSax source code may therefore affect the certification.

Additional ITU approval tests have been carried out for all generic cards using Colognechip single chip solutions HFC-S PCI A for PCI cards as well as HFC-S USB based USB ISDN ta adapters.

These tests included all layers 1-3 and as well all functional tests for the layer 1. Because all hardware based on these chips are complete ISDN solutions in one chip all cards and USB-TAs using these chips are to be regarded as approved for those tests. Some additional electrical tests of the layer 1 which are independent of the driver and related to a special hardware used will be regarded as approved if at least one solution has been tested including those electrical tests. So if cards or tas have been completely approved for any other os, the approval for those electrical tests is valid for linux, too.

Please send any questions regarding this drivers or approval abouts to werner@isdn-development.de

Additional information and the type approval documents will be found shortly on the Colognechip website www.colognechip.com

If you change the main files of the HiSax ISDN stack, the certification will become invalid. Because in most countries it is illegal to connect unapproved ISDN equipment to the public network, I have to guarantee that changes in HiSax do not affect the certification.

In order to make a valid certification apparent to the user, I have built in some validation checks that are made during the make process. The HiSax main files are protected by md5 checksums and the md5sum file is pgp signed by myself:

KeyID 1024/FF992F6D 1997/01/16 Karsten Keil <kkeil@suse.de>

Key fingerprint = 92 6B F7 58 EE 86 28 C8 C4 1A E6 DC 39 89 F2 AA

Only if the checksums are OK, and the signature of the file "drivers/isdn/hisax/md5sums.asc" match, is the certification valid; a message confirming this is then displayed during the hisax init process.

HiSax.cert.txt

The affected files are:

```
drivers/isdn/hisax/isac.c
drivers/isdn/hisax/isdn11.c
drivers/isdn/hisax/isdn12.c
drivers/isdn/hisax/isdn13.c
drivers/isdn/hisax/tei.c
drivers/isdn/hisax/callc.c
drivers/isdn/hisax/l3dss1.c
drivers/isdn/hisax/l3_1tr6.c
drivers/isdn/hisax/cert.c
drivers/isdn/hisax/elsa.c
drivers/isdn/hisax/diva.c
drivers/isdn/hisax/hfc_pci.c
```

Please send any changes, bugfixes and patches to me rather than implementing them directly into the HiSax sources.

This does not reduce your rights granted by the GNU General Public License. If you wish to change the sources, go ahead; but note that then the certification is invalid even if you use one of the approved cards.

Here are the certification registration numbers for ELSA Quickstep cards:
German D133361J CETECOM ICT Services GmbH 0682
European D133362J CETECOM ICT Services GmbH 0682

Karsten Keil
keil@isdn4linux.de

-----BEGIN PGP SIGNATURE-----

Version: 2.6.3i

Charset: noconv

```
iQCVAwUBOFawqTpxHvX/mS9tAQFI2QP9GLDK2iy/KBhwReE3F7Le0+tVhffTVZ3a
20q5/z/WcIg/pnH0uTk12UgDXBFXY145zJyDGNpAposIFmT+Edd14o7Vj1w/BBdn
Y+5rBmJf+gyBu61da5d6bv0lpymwRa/um+ri+ilYnZ/XPfg5JKhdjGSBCJuJAE1M
d2jFbTrsMYw=
=LNf9
```

-----END PGP SIGNATURE-----