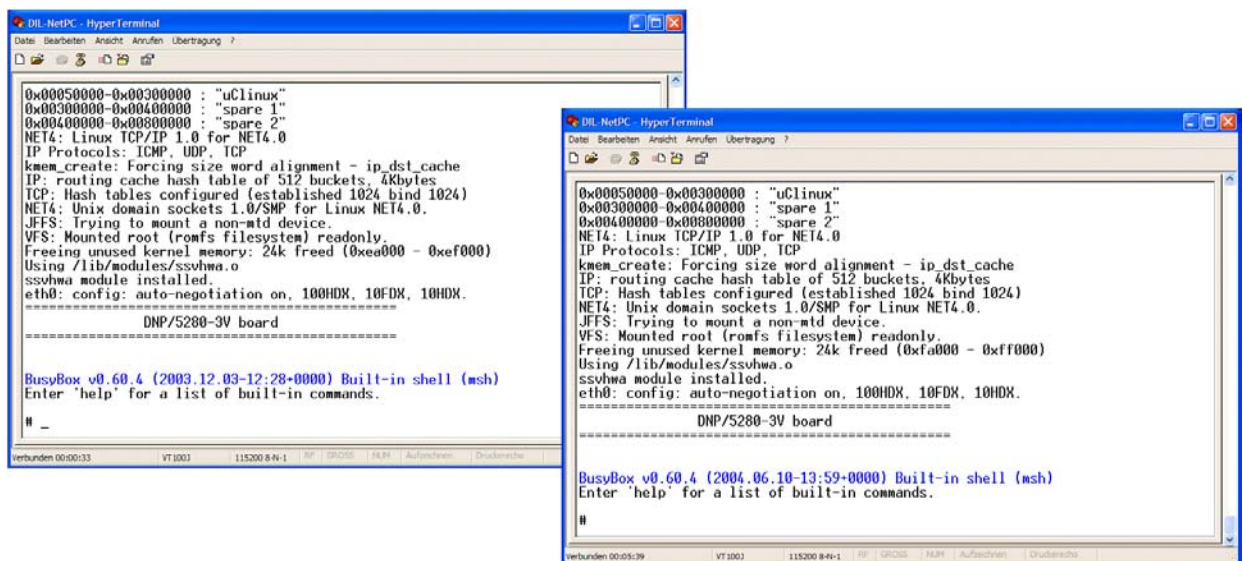


## How to identify the IGW/800 or IGW/900 Linux O/S Image File Version

The DIL/NetPC DNP/528x on-board flash memory of your IGW/800 or IGW/900 Linux Device Server comes with a pre-installed embedded Linux operating system. There are different Linux O/S Image file versions available.

- **1. Step:** Setup a serial link (**RS232 Serial Link**) between the IGW/800 or IGW/900 COM1 serial port and a serial port of your PC system. Use a null-modem cable and the RS232 interface cable for the physical connection between the COM1 port of the IGW/800 or IGW/900 and the PC COM port. For more details about this connection please use the *IGW/800* or *IGW/900 Starter Kit User Manual*.
- **2. Step:** Run your terminal emulation program. Microsoft Windows-based PC systems offer *HyperTerminal* for this task. Linux-based systems come with *Minicom*. Then provide the IGW/800 or IGW/900 with power.
- **3. Step:** Watch the message line “**BusyBox ...**”. This text line includes a time and date information. The date correspond to a release number.



```

0x00050000-0x00300000 : "uClinux"
0x00300000-0x00400000 : "spare 1"
0x00400000-0x00800000 : "spare 2"
NET4: Linux TCP/IP 1.0 for NET4.0
IP Protocols: ICMP, UDP, TCP
kmem_create: Forcing size word alignment - ip_dst_cache
IP: routing cache hash table of 512 buckets, 4Kbytes
TCP: Hash tables configured (established 1024 bind 1024)
NET4: Unix domain sockets 1.0/SMP for Linux NET4.0.
JFFS: Trying to mount a non-mtd device.
VFS: Mounted root (romfs filesystem) readonly.
Freeing unused kernel memory: 24k freed (0xea000 - 0xef000)
Using /lib/modules/ssuhwa.o
ssuhwa module installed.
eth0: config: auto-negotiation on, 100HDX, 10FDX, 10HDX.
-----
DNP/5280-3V board
-----
BusyBox v0.60.4 (2003.12.03-12:28+0000) Built-in shell (msh)
Enter 'help' for a list of built-in commands.
#

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JFFS: Trying to mount a non-mtd device.
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Freeing unused kernel memory: 24k freed (0xfa000 - 0xff000)
Using /lib/modules/ssuhwa.o
ssuhwa module installed.
eth0: config: auto-negotiation on, 100HDX, 10FDX, 10HDX.
-----
DNP/5280-3V board
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BusyBox v0.60.4 (2004.06.10-13:59+0000) Built-in shell (msh)
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```

Message	DNP/528x Linux Release
BusyBox v0.60.4 (2003.12.03-12:28+0000)	Release 2 (Rel.2)
BusyBox v0.60.4 (2004.06.10-13:59+0000)	Release 3 (Rel.3)

The DIL/NetPC DNP/528x Starter Kit CD-ROM contains different Linux O/S Image files. The document *mHTigw8-5.pdf: How to download a new Linux O/S Image to the IGW/800 or IGW/900 Flash* describes the download process.

That is all.