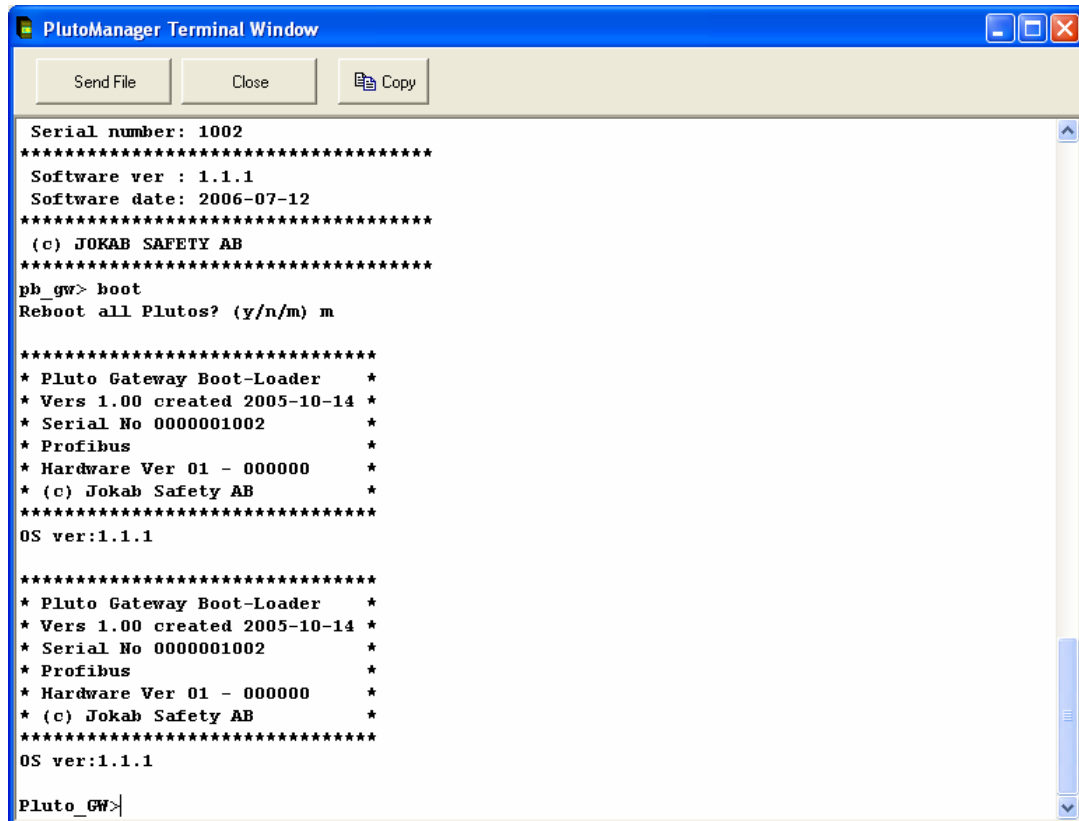


## System software update on Jokab Safety Gateway.

- Start the Terminal Window under “Tools” menu. You will be prompted “pb\_gw>” if you are using a Profibus gateway.
- Type the command boot and select the option m. This will reboot the gateway in monitor mode.



The screenshot shows a terminal window titled "PlutoManager Terminal Window". It contains the following text:

```
Serial number: 1002
*****
Software ver : 1.1.1
Software date: 2006-07-12
*****
(c) JOKAB SAFETY AB
*****
pb_gw> boot
Reboot all Plutos? (y/n/m) m

*****
* Pluto Gateway Boot-Loader *
* Vers 1.00 created 2005-10-14 *
* Serial No 0000001002 *
* Profibus *
* Hardware Ver 01 - 000000 *
* (c) Jokab Safety AB *
*****
OS ver:1.1.1

*****
* Pluto Gateway Boot-Loader *
* Vers 1.00 created 2005-10-14 *
* Serial No 0000001002 *
* Profibus *
* Hardware Ver 01 - 000000 *
* (c) Jokab Safety AB *
*****
OS ver:1.1.1

Pluto_GW>
```

- You will now be prompted Pluto\_GW>
- Type the command sys and verify with y.
- The old system software will now be deleted and when ready, please start loading... shows you click on the “Send File” button. In the new window you need to brows to the gatewayProfibus\_v1-1-2\_2006-06-13.mhx file. When you select open the download will start.
- When the download is ready the system check sum must be written to the flash memory.

```
PlutoManager Terminal Window

Send File Close Copy

* Pluto Gateway Boot-Loader *
* Vers 1.00 created 2005-10-14 *
* Serial No 0000001002 *
* Profibus *
* Hardware Ver 01 - 000000 *
* (c) Jokab Safety AB *
*****
OS ver:1.1.1

*****
* Pluto Gateway Boot-Loader *
* Vers 1.00 created 2005-10-14 *
* Serial No 0000001002 *
* Profibus *
* Hardware Ver 01 - 000000 *
* (c) Jokab Safety AB *
*****
OS ver:1.1.1

Pluto_GW>sys - Load system flash, are you sure? (y/n) y Erase.. OK (1704 ms)
** Ready, please start loading... Load OK
Pluto_GW>cs - system rom CRC = 0xC7E8 Write CRC to flash (y/n)? y
Pluto_GW>
```

- Type the command cs and confirm with y.
- You can restart the gateway by switching the power off and on or type the command “boot”.

```
PlutoManager Terminal Window

Send File Close Copy

* (c) Jokab Safety AB *
*****
OS ver:1.1.1

Pluto_GW>sys - Load system flash, are you sure? (y/n) y Erase.. OK (1704 ms)
** Ready, please start loading... Load OK
Pluto_GW>cs - system rom CRC = 0xC7E8 Write CRC to flash (y/n)? y
Pluto_GW>boot

*****
PROFIBUS gateway
*****
Serial number: 1002
*****
Software ver : 1.1.2
Software date: 2006-06-13
*****
(c) JOKAB SAFETY AB
*****
ph_gw>
ph_gw> |
```

- The procedure is now finished.