

KX-TDA/TDE/NCP System

Card firmware
Upgrade

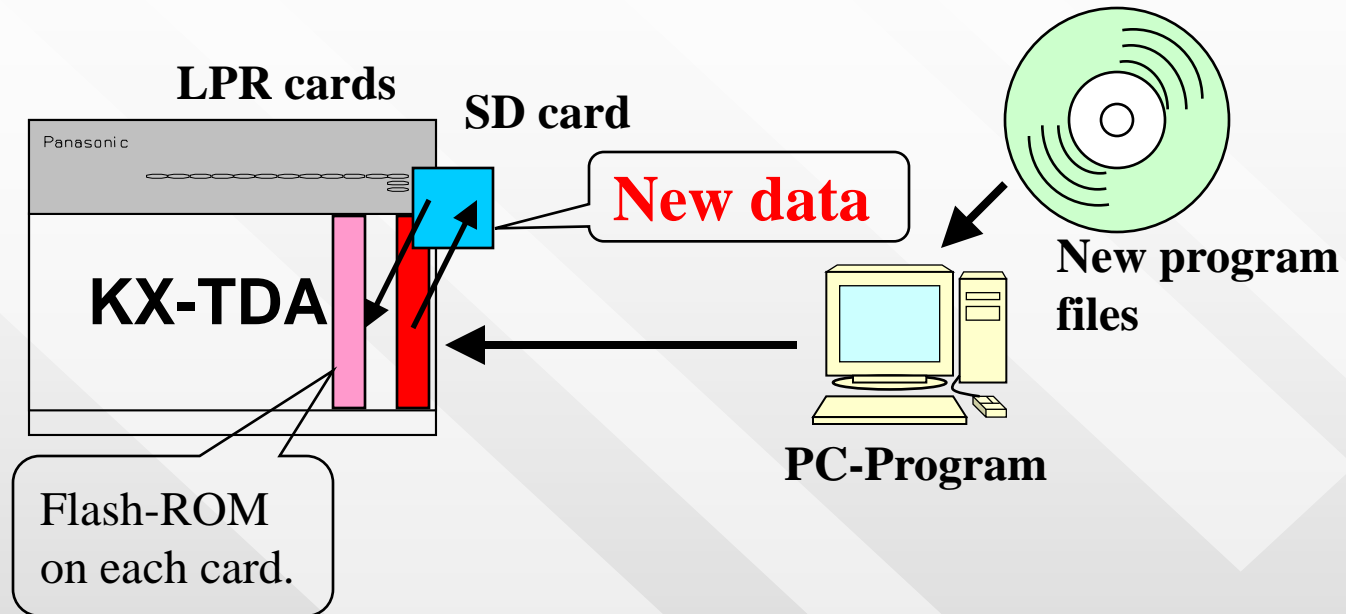
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System Update

LPR (Card) Software Update



New program files of each free-slot / option-slot card can be uploaded by PC-Program.

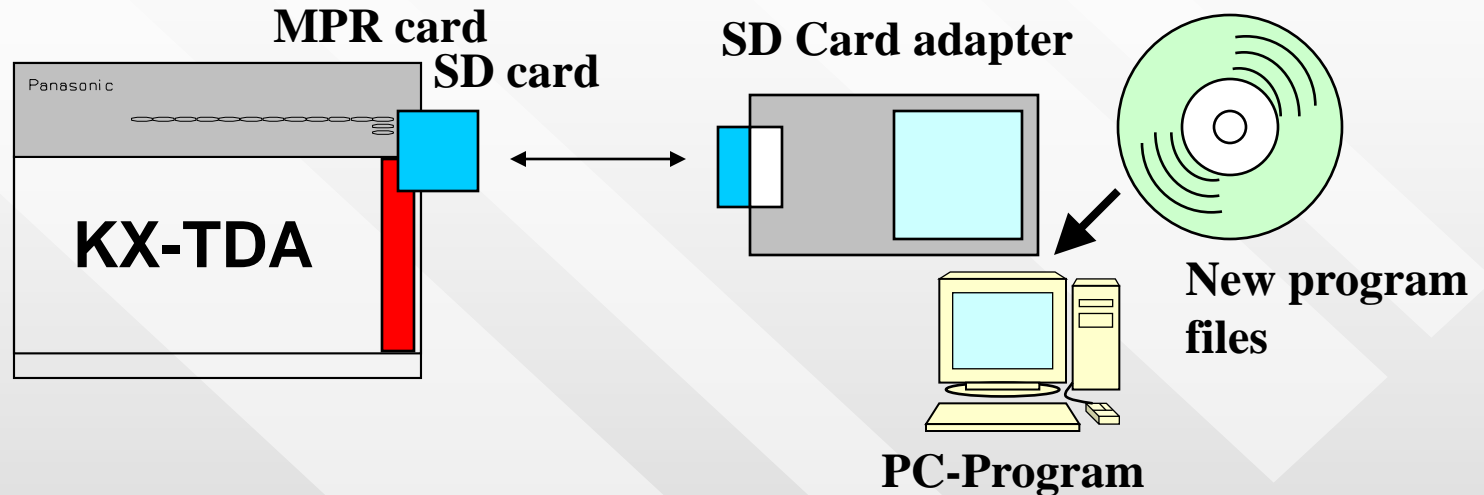
The uploaded data is once stored in **SD card** on MPR card.

Then downloaded to the **Flash-ROM** on the LPR.

(You do not need to use EPROM Programmer !)

System Update

LPR (Card) Software Update



All of the new files can also be installed by the direct writing of the files on SD card with using **SD Card adapter** of PC.

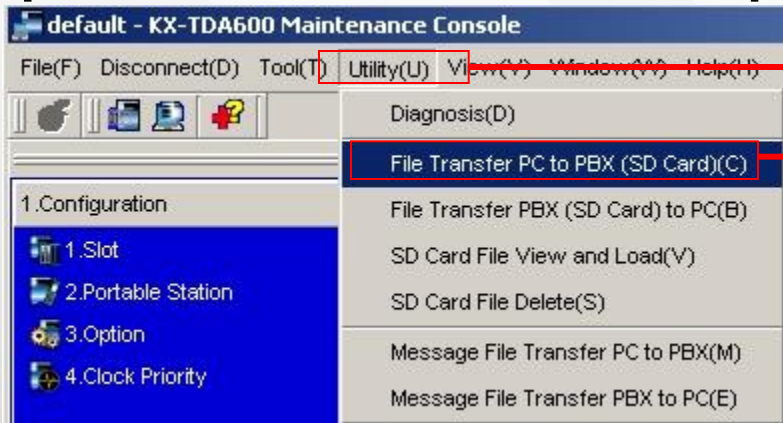
LPR Software Update by PC-Program

Operation1: Program File transfer from PC to SD card

<Step1> You have to prepare the following program file on your HDD of PC.

- (1) Example: DHLC card firmware upgrade
- (2) **pdhlc** (DHLC card firmware)
- (3) for other card firmware file name, please refer to the next slide

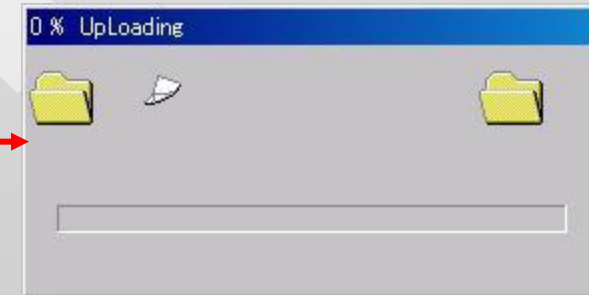
<Step2> You have to transfer the program file from HDD of PC to SD card.



a. Select "Utility"

b. Select "File Transfer PC to PBX"
Then file select dialogue box appears,
you have to select following target
program file. (pdhlc)

c. After you select the program file, this dialogue box appears.
Program file transfer takes around 2 minutes by USB.
When transfer finished, "completed" message appears,
and program file name is registered automatically into
the memory.



Files of SD Card

Type of File	Description	File Name in SD Card
MPR Software	Control software	PMPR
LPR Software	CS-INF card local software	PCSINF
	DHLC(DLC) card local software	PDHLC
	SLC card local software	PSLC
	DID4D card local software	PDID4D
	DID4MFC card local software	PDID4MFC
	T1 card local software	PT1
	E1 card local software	PE1
	E&M card local software	PEM
	BRI card local software	PBRI
	PRI23 card local software	PPRI23
	PRI30 card local software	PPRI30
	OPB3 card local software	POPB3
	CTI-LINK card local software	PCTILINK
CS Software	DECT-CS unit local software	PCSDECT
	2.4G-CS unit local software	PCS24G

Control Software of PBX system.

File is always loaded to the DRAM when the system is started.

Backup of the software for each type of **LPR cards**.

They are manually downloaded to each card by the operation from PC-Program.

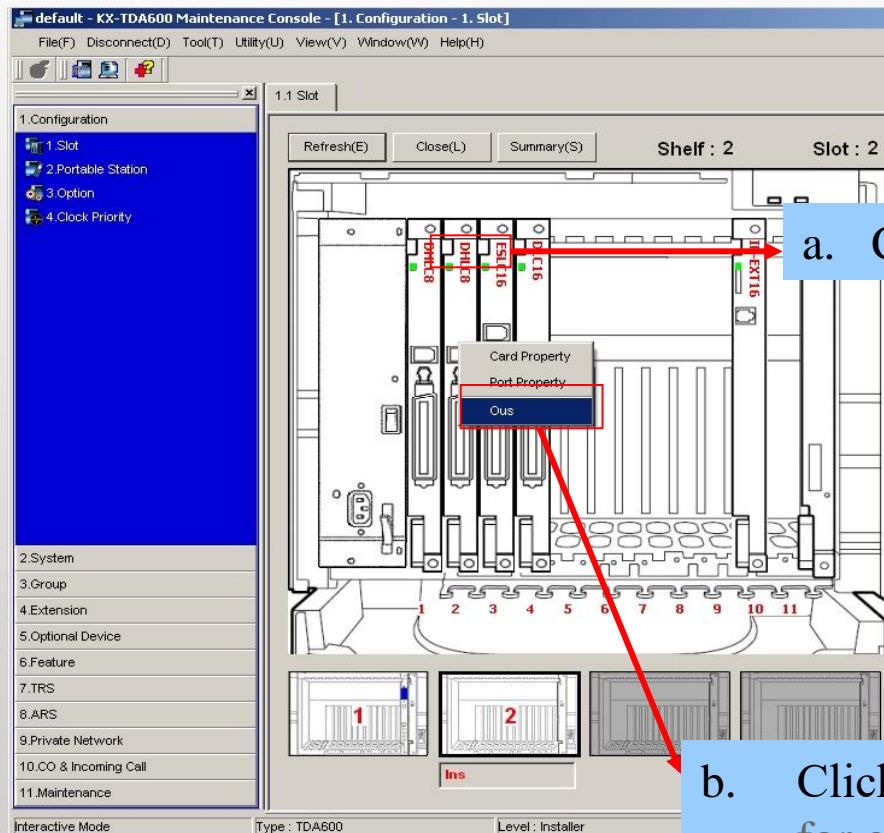
Backup of the software for each type of **CS unit** for the wireless terminal.

They are manually downloaded to each card by the operation from PC-Program.

LPR Software Update by PC-Program

Operation2: Card status change to „out of service” (OUS)

Program file load is available only for out of service status card.
Open “1.Configuration - 1.Slot” screen and change the status.



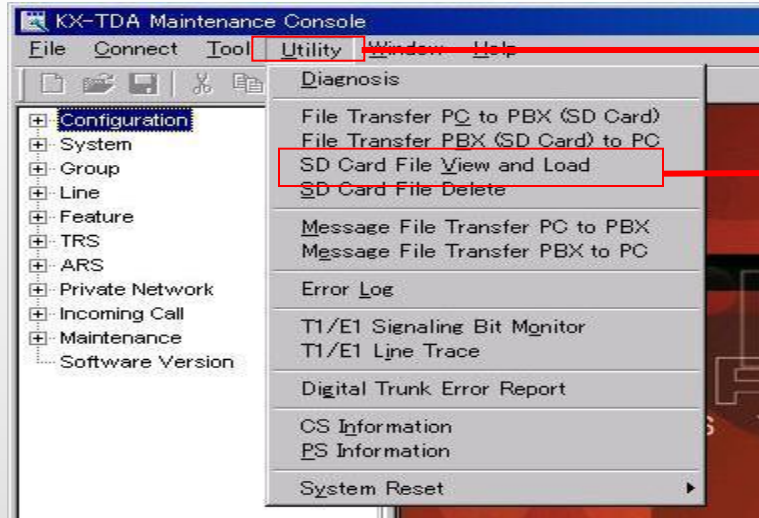
a. Click target card (DHLC)

b. Click “OUS” command button for change the status.

LPR Software Update by PC-Program

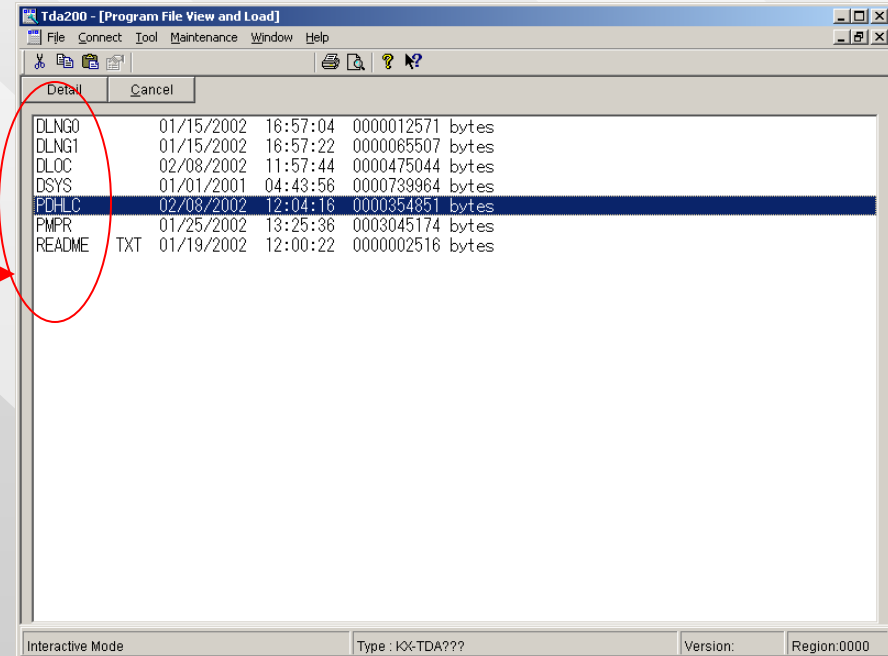
Operation3: Program File View and Load (1/4)

It shows the file which is available for download.



a. Select “Utility”

b. Select “SD Card File View and Load”
Then following screen appears.

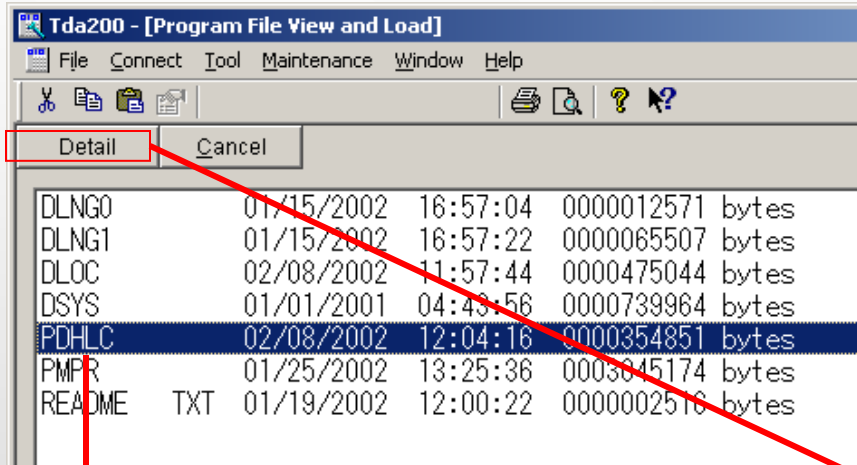


c. This screen gives an information as kind of files that the memory card has.
The first character of the program file is “P”.
For example, PDHLC is DHLC/DLC card’s program.

LPR Software Update by PC-Program

Operation3: Program File View and Load (2/4)

You must select target program file from the memory.



d. Select target program file.

PDHLC: DHLC/DLC card

PSLC: SLC card

PT1: T1 card

PPRI23: PRI23 card

PCSINF: CSINF card

POPB3: OPB3

e. Click the Button.

[Detail]: The program file detail is shown. You must click if you load the program.

Except for program file, this button is invalid.

[Cancel]: Close this screen.

LPR Software Update by PC-Program

Operation3: Program File View and Load (3/4)

It shows program file header information.

f. Program file header information of the memory.

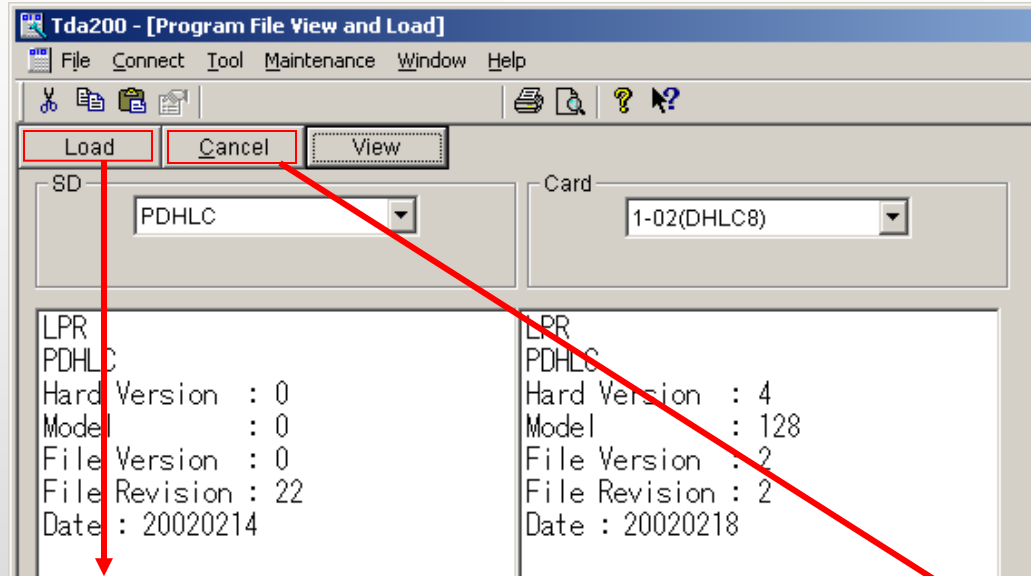
g. Select target card.
It shows current available card number and name.
[All]: Load to all available card.

h. Click the [View] Button.
Program file header information of the target card is shown.

LPR Software Update by PC-Program

Operation3: Program File View and Load (4/4)

You should compare header information of card and memory.



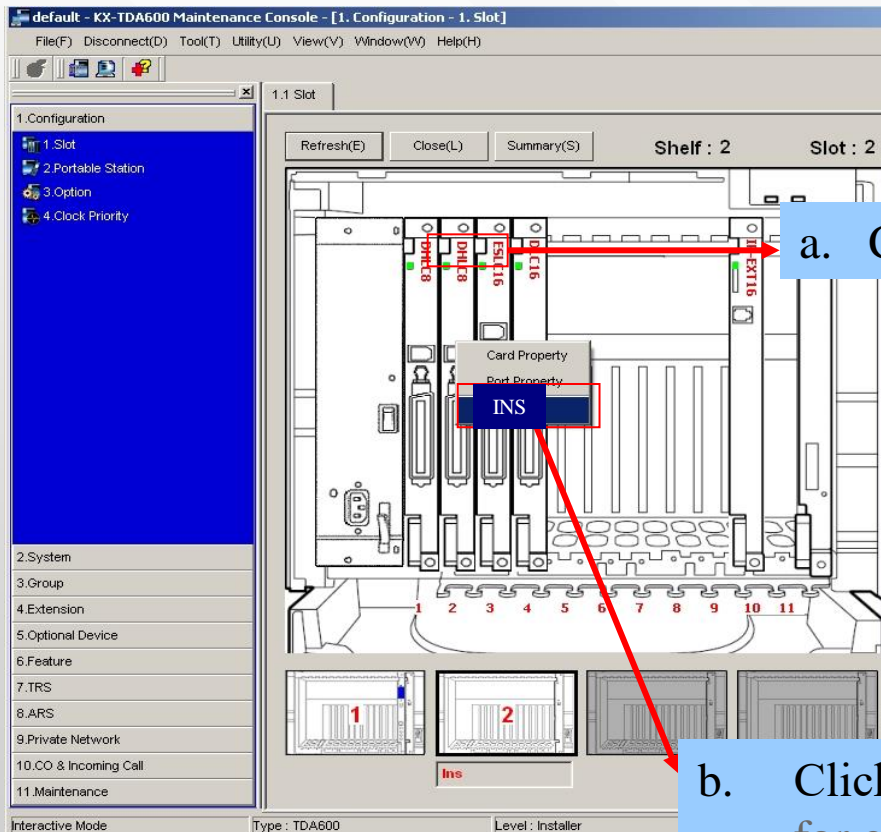
- i. Click the [Load] Button.
Program file load is started.
The load takes a few minutes.
When loading finished, “completed” message appears, and target card will change in service status automatically.

- j. Click the [Cancel] Button.
This screen disappears.

LPR Software Update by PC-Program

Operation4: Card status change to „in service” (INS)

After firmware file load is finished, change the card status to INS. Open “1.Configuration - 1.Slot” screen and change the status.



a. Click target card (DHLC)

b. Click “INS” command button for change the status.

Card firmware
Upgrade

Thank you very much !

