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# Product Bulletin

TITLE: DCS 400si Falcon Version 1.10 Software  
DATE: June, 2001  
ISSUED BY: Product Department

BULLETIN NO.: 084-DCS400si  
NO. OF PAGES: 1 of 4

## DCS 400si Falcon Version 1.10 Software

Samsung Telecommunications of America recently announced the release of the new Falcon design keysets. The new Falcon keysets are also supported on the DCS 400si system. DCS 400si software 01.06.01 V1.10 allows both the standard keyset family and the Falcon keyset family to co-exist within the same system with the ability to mix and match keyset types on the same D24DL card.

### DCS 400si System Falcon Software

A DCS 400si system packages purchased after June 30<sup>th</sup>, 2001 will include the Falcon version software 01.06.01 V1.10. The installation is the same as earlier versions of the 400si software. All individual 400si software packages purchased after June 30<sup>th</sup>, 2001 also will be version 01.06.01 V1.10 and support the Falcon keysets.

### DCS 400si System Upgrade

The Falcon software upgrade requires the EPROM's on the DECP and DROMD daughterboard to be changed. Also, the EPROM on the D24DL cards that will utilize the Falcon instruments need to be upgraded. Since the D24DL upgrade supports both types of Samsung keysets it is recommended to upgrade all D24DL cards in the DCS 400si system. This eliminates any future need to change out D24DL EPROM's. All D24DL cards purchased after June 30<sup>th</sup>, 2001 will have the upgraded Falcon software dated 01.06.01 V1.02 installed. The enhanced D24DL cards are downward compatible with earlier versions of DCS 400si software. To upgrade an existing 400si system the DROMD and DECP software can be purchased from Samsung's Customer Service Department. To upgrade existing D24DL cards to match the Falcon software please contact Samsung's Technical Support Department at 800.737.7008 for replacement D24DL EPROM's.

The D24DL upgrade supports the new button mapping for the Falcon keysets and the DCCP ROM upgrade supports the button map program area.

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With the addition of the Falcon keysets a new, downward compatible PCMMC is also required. In the past we have distributed the latest PCMMC via a Product Bulletin and in our training classes. Samsung will now provide the new PCMMC 01.06.01 V1.10 with each new set of Falcon software.

## **DCS 400si Falcon Technical Manual Updates**

The DCS 400si Technical Manual update to support the Falcon programming is available on the PCMMC 01.06.01 V1.10 diskette or upon request from Samsung Telecommunication America's Customer Service Department. Samsung Telecommunication's Customer Service Department can be reached at 800.876.4782

This DCS 400si Technical Manual Update includes the following information on the new FALCON keyset family.

- Complete General Description Section for the Technical Manual
- User Instructions Section
  - New Table of Contents and modified pages 1.1—1.24.
  - New Falcon Keyset User Guide.
- Installation Section
  - New Table of Contents.
  - Modified Part 6. Connecting Station Equipment.
- Programming Section
  - Modified MMCs: 104, 106, 116, 209, 213, 315, 404, 405, 602, 706, 714, 715, 722, 723, 725, 728.
- Modified Datasheets: 107 and 722 & 723.

Most of the DCS 400si Programming Section changes affected are because of the Falcon keypad matrix having the letter "Q" available on the keypad. The obvious button assignment MMC's are changed due to the Falcon key assignments. Future printings of the DCS 400si Technical Manual will include all the Falcon keyset updates.

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## Upgrading to PCMMC 01.06.01 V1.10

PCMMC 01.06.01 V1.10 is compatible with previously released 400si software and can replace earlier versions of 400si PCMMC. To remove an earlier version of PCMMC in Windows 95 or 98 select My Computer Icon. Once opened select the Control Panel Icon. When this is opened the Icon for ADD/Remove programs should be selected. Once selected a window will show the installed programs. Scroll down until PCMMC for Windows is seen. Highlight PCMMC for Window then click the Add/Remove tool bar. Windows will uninstall PCMMC. Once uninstalled insert PCMMC 01.06.01 V1.10 into the CD drive. Select Start then the Run menu. Browse the CD ROM drive to find the PCMMC Setup executable. Click OK and Run. PCMMC 01.06.01 V1.10 will install. The same cautions apply as did in earlier versions of PCMMC where certain PCMMC .DLL files should not be used to overwrite the PC files. Maintain your existing msvcrt.dll when prompted to replace it with the PCMMC's version. This is due to changes made by the Microsoft Corporation to your Windows program version.

## Upgrading to 400si Falcon Software 01.06.01 V1.10

To upgrade an existing 400si system to this new release of DCS 400si version of software dated 01.06.01 V1.10 follow the upgrade procedures in the DCS 400si Installation Manual, Section 9 Changing System Software. A full database copy via PCMMC should always be performed before attempting any software upgrades to insure system recovery in the event of an error (EPROM's placed incorrectly etc.). To upgrade from earlier versions of V1.06 software to V1.10 software a database conversion via PCMMC is required. To upgrade the system from an earlier version software to the latest V1.10, download the active systems database. Once downloaded power off the system, replace DCCP and DECP EPROM's. It is suggested that if needed, the D24DL EPROM's should also be changed at this time. Power up the system and check for proper operation. It is suggested to clear the system memory following the RAM clear directions in the 400si Technical Manual Part 3. Installing Printed Circuit Cards Section 3.11 DCCP.

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## **Converting an Existing 400si database**

Once PCMMC 01.06.01 V1.10 has been installed on the PC that was used to download the database, the database can be converted to use all the previously programmed system data and also support the Falcon series of keysets. Open PCMMC 01.06.01 V1.10. Select DB Conversion from the File toolbar. Select the database that is to be converted then click OK. PCMMC will automatically run the database conversion program. Once the database is converted the database can be uploaded to the upgraded 400si system. After the upload is complete the 400si system should be reset via MMC 811 Reset System.