

# Strata® DK Sales Bulletin

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## **Announcing Strata DK424 Release 4.3**

We are very pleased to announce a new release of software for the Strata DK424 Digital Business Telephone System.

Release 4.3 provides enhancements to both Primary Rate Interface (PRI) and Basic Rate Interface (BRI) ISDN for the Strata DK424, such as BRI U-interface, and Variable Capacity PRI. Release 4.3 also includes features that were available in Release 3.2, but not in Release 4.0 or 4.1, such as the ability to restrict Tie line calling through Toll Restriction and LCR, and Standard Telephone Tandem CO Line Connection - With Drop Out.

In addition to the new Release 4.3 features, the RCTUA processor is enhanced to support ACD, T1, and PRI. This brings powerful new "big system" functionality to smaller DK424 users.

#### **New Features**

The following feature enhancements are available in Release 4.3.

- BRI U-Interface The RBUU card provides two BRI two-wire U interfaces that can be used for network or station side connections. The RBUU has connectors for the RBUS two-port add-on subassembly to provide two additional BRI U interfaces that can be used for station side connections only.
- Variable Capacity PRI CO line ports can be assigned to RPTU cards in programming in increments of 8, 16, or 24 ports. This feature can be considered a subset of Fractional PRI which saves CO line ports in programming when partial PRI services (less than 23 channels) are used.
- ◆ Tie Line Toll Restriction and Least Cost Routing This feature allows Toll Restriction and Least Cost Routing (LCR) Class of Service (COS) functions with incoming Tie lines when they are used to set up tandem connections. Each Tie line group has its own COS to restrict calls or route calls. Formerly, Release 3.2 could only restrict but not route calls through LCR. Release 4.3 can both restrict and route calls through LCR. This feature is not available with Release 4.0, 4.1, or 4.15.
- Standard Telephone Tandem CO Line Connection With Drop Out Standard telephones and Voice Mail/Auto Attendant ports can set up a conference with two CO lines and then drop out of the conference leaving the two CO lines connected. The station that sets up the two-line connection can reconnect to the Tandem connection by dialing a pickup code. If more than one Tandem connection is set up by a station, the pickup code will re-connect that station to the Tandem connection that has the lowest CO line number as a priority.

After Release 3.2 software, standard telephones could set up two-line conferences, but they could not drop out of the connection. The pickup code function applies only to the station that sets up the Tandem connection. A station cannot pick up a Tandem connection that was setup by another station. This feature was available in Release 3.2 but not in Release 4.0, 4.1, or 4.15.

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- **RCTUA Enhancements** In addition to the new features described above, the RCTUA Release 4.3 processor is also enhanced to support ACD, T1, and PRI. The RCTUA Release 4.3 does not support attendant consoles.
- ◆ E911 Integrated Interface: The CAMA Trunk Interface Unit (RMCU) and CAMA Trunk Subassmebly (RCMS) cards will be available for 911 calls over CAMA trunks upon shipment of Release 4.3. This integrated interface enables cost effective connection of the Enhanced 911 locator services without requiring expensive third party adjunct equipment. This verion of E911 complies with ANSI standard T1.411-1995.
- **E911 Over ISDN:** Emergency 911 calls can be delivered over ISDN PRI trunks. In the ISDN call setup for both cases, the Called Party Information wil be "911" and the Calling Party Information will be CESID. This provides E911 calling without requiring special CAMA trunks, integrated RMCU/ RCMS interface units or third party adjunct CAMA equipment. However, currently, there is no universal standard for E911 or ISDN. Implementations of E911 over PRI vary from carrier to carrier. Check with your local carrier before proceeding.
- **Note** Full implementation of E911 requires an Automatic Location System (ALS) from the carrier or a third party. Toshiba does not provide this service.
- ISDN Cause Codes: If a call over an ISDN line is disconnected, the cause code on the LCD of a digital or electronic telephone or attendant console can display the reason for termination. The call reference number, direction of disconnection, indication of whether the line was disconnected at the network side or the Strata DK side, and specific reason code offered by the ISDN layer 3 protocol is displayed. This specific information enables technicians to better troubleshoot problems with ISDN lines. The user has the option to display or not display ISDN cause codes on each telephone or console (set in programming.)

#### **Product Line Strategy**

Release 4.3 now becomes the standard version of the Strata DK424, replacing Release 4.15. Release 3.2 is discontinued and replaced by Release 4.3.

**Note** There was no Release 4.2 for the Strata DK424. The features that were planned for Release 4.2 and Release 4.3 were combined into one software Release 4.3 version.

### Upgrades

Existing Strata DK424 and DK280 Release 3.x and 4.x systems can be upgraded to take advantage of the new capabilities available with Release 4.3. All that is needed is a ROM chip upgrade kit and a system upgrade using DK Admin or DK Backup version 4.1.5 or higher, or DKi Admin or DKi Backup.

Toshiba will provide Release 4.3 upgrade kits at no charge for all existing Release 4.x processors. This is accomplished by giving full credit for the cost of the upgrade kit for return of the 4.x ROM chips to Toshiba.

Release 4.3 upgrade kits are also very cost effective for existing Release 3.x processors. Partial credit is given for the cost of the Release 4.3 upgrade kit for return of the 3.x ROM chips to Toshiba. See the new *Strata DK Authorized Dealer Price Book* which will be available May 8th on FYI Interne.

To make these upgrades easy, use DKi Admin or DKi Backup to change ROMs without having to manually reprogram everything. These backup/restore/upgrade and programming tools are easy to use with menu driven spreadsheet format and help screens.

## Pricing

All Strata DK424 processor PCBs shipped with Release 4.3 software are the same price as previous R4.x versions. Release 4.3 upgrade kits are the same price as Release 4.15 upgrade kits. For more details, see the new *Strata DK Authorized Toshiba Dealer Price Book* which will be available May 8th FYI Internet under Strata Systems/Dealer Pricing/Strata DK Authorized Toshiba Dealer Price Book.

## Availability

Release 4.3 will begin shipping on RCTUC/D, RCTUBA/BB, and RCTUA processors next month.

Strata DK424 Release 4.3 ROM chip upgrade kits will be available for all processor models next month. The part numbers are as follows:

- RCTUE3/F3 Release 4.3 upgrade kit RURF4.3
- RCTUC3/D3 Release 4.3 upgrade kit RURD4.3
- RCTUBA3/BB3 Release 4.3 upgrade kit RURB4.3
- RCTUA3 Release 4.3 upgrade kit RURA4.3

Orders for the above can be placed beginning June 1st, 2000.