

# Strata® DK Sales Bulletin

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## Announcing the Strata DK424 Digital Business Telephone System

We are pleased to announce the Strata DK424 Modular Digital Business Telephone System. This important new product expands the size of Strata DK systems, and makes growth and migration more cost-effective than ever.

This is great news for existing Strata DK280 customers who may be reaching the maximum capacity of their systems. Their investment is protected with the increased capacity of the DK424.

The Toshiba complete migration strategy also minimizes the long term cost of ownership of older and smaller Strata DK systems. Telephones can be reused from the smallest DK8 to the largest DK424 system. CO line and station PCBs from the Strata DK280 and DK24/56/96 systems are upward compatible with the DK424 for customers who outgrow their existing Strata DK systems.

The Strata DK424 also expands your marketplace with a hybrid system large enough to compete in market segments previously only available to more expensive PBX systems. With all this and the legendary reliability provided by Toshiba systems, you are sure to be even more successful than ever with the Strata DK424!

### Software Features

The Strata DK424 has the same features of the Strata DK280 Release 3.1, and in fact uses the same RCTUA, RCTUBA/BB, and RCTUC/D processors in smaller and medium size configurations. The only difference is the increased capacities available with the new RCTUE/F processor.

### Hardware Description

The Strata DK424 uses the same modular, building block system design as the DK280. The DK424 can be configured using from one to seven cabinets (Base Cabinet plus six Expansion Cabinets).

The Strata DK424 Base Cabinet looks the same as the DK280 Base Cabinet. It has the same number of processor slots (two) and universal slots (six), and uses the same power supply. However, the DK424 Base Cabinet has a redesigned backplane to accommodate the RCTUE/F maximum system processor required to achieve the higher port capacities of the DK424.

The Strata DK424 Expansion Cabinet has been available since June 1995 and is compatible with both the DK280 and DK424 Base Cabinets. The only difference in function is the number of active Expansion Cabinet slots.

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The DK424 Expansion Cabinet, when used with the DK424 Base Cabinet and RCTUE/F processor, can use all eight universal slots for PCBs. When the DK424 Expansion Cabinet is used with the DK424 Base Cabinet and the RCTUC/D, RCTUBA/BB, or RCTUA processor, only six universal slots can be used for PCBs. When the DK424 Expansion Cabinet is used with the DK280 Base Cabinet and any processor, only six universal slots can be used for PCBs. The DK280 Expansion Cabinet is compatible with the DK424 Base Cabinet and RCTUE/F processor. See the new *Strata DK General Description* for details.

### Cabinet Compatibility and Slot Use

The DK424 Base Cabinet is compatible with both the DK424 Expansion Cabinet and the DK280 Expansion Cabinet. The DK280 Base Cabinet is also compatible with both the DK424 Expansion Cabinet and the DK280 Expansion Cabinet.

The tables below summarize the number of universal slots in the Expansion Cabinet that can be used with various combinations of the Base Cabinet, Expansion Cabinets, and processors.

Note that only the combination of the DK424 Base Cabinet, DK424 Expansion Cabinet, and the RCTUE/F processor will yield eight universal slots in the Expansion Cabinet. All other combinations yield six universal slots in the Expansion Cabinet.

#### DK280 Base with DK280 and/or DK424 Expansion Cabinets

Processor in DK280 Base Cabinet	Expansion Cabinets allowed	Universal Slots allowed in Base Cabinet	Universal Slots allowed per Expansion Cabinet	Universal Slots per System
RCTUA1, RCTUA3	0	1-6	0	6
RCTUB1, RCTUB2, RCTUBA/BB	1	1-6	1-6	12
RCTUC/D2, RCTUC3/D3, RCTUE3/F3	5	1-6	1-6	36

#### DK424 Cabinet and Slot Capacity

Processor in DK424 Base Cabinet <sup>1</sup>	DK424 Expansion Cabinets Allowed	Universal Slots allowed in DK424 Base Cabinet	Universal Slots allowed per DK424 Expansion Cabinet	Universal Slots per System
RCTUA3	0	1-6	0	6
RCTUBA3/BB3	1	1-6	1-6	12
RCTUC3/D3	5	1-6	1-6	36
RCTUE3/F3	6	1-6	1-8 <sup>2</sup>	54

<sup>1</sup> All Cabinets are DK424

<sup>2</sup> Only the RCTUE3/F3 processor allows up to eight universal slots in the DK424 Expansion Cabinet.

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## Processor and PCB Compatibility

All existing DK280 RCTU processors can be used in the DK424 Base Cabinet. This includes the older versions as well as the current Release 3.1 processors. This makes the DK424 Base Cabinet completely backward compatible with DK280 systems.

The following RCTU Release 3.1 processor models comprise the Strata DK424 offering, and will continue to be backward compatible with DK280 systems.

- ♦ The RCTUE/F is the new Release 3 DK424 maximum size system processor for configurations requiring up to 424 ports. It supports all the advanced Strata DK capabilities including ACD/MIS, SMDI, T1 interface, and Attendant Consoles. Maximum capacity is 200 CO lines or 336 stations. Note that the RCTUE/F is also compatible with the DK280 Base Cabinet, but it would yield a maximum 280 port capacity.
- ♦ The RCTUC/D is the current Release 3 large system processor for configurations requiring from one to six cabinets. It supports all the advanced Strata DK capabilities including ACD/MIS, SMDI, T1 interface, and Attendant Consoles. Maximum capacity is 144 CO lines or 240 stations, for a total of 280 ports.
- ♦ The RCTUBA/BB is the current Release 3 medium processor for one or two cabinet configurations. It supports all the advanced Strata DK capabilities including ACD/MIS, SMDI, T1 interface, and Attendant Consoles. Maximum capacity is 48 CO lines or 80 stations, for a total of 96 ports.
- ♦ The RCTUA is the current Release 3 small system processor for lower cost, single cabinet configurations not requiring the advanced options of ACD/MIS, SMDI, T1 interface, or the Attendant Console. Maximum capacity is 16 CO lines and 32 stations, for a total of 48 ports.
- ♦ All the same CO line, station, and option PCBs are used in the Strata DK424 as in the DK280. This also includes the older DK24/56/96 PCBs, which are also compatible.

## Maximum Capacity

Maximum capacity of a fully-configured seven cabinet DK424 system provides 424 ports, assuming one slot would be occupied by an RSIU or some type of option PCB. The DK424 system accommodates a maximum of 200 CO lines or 336 stations. You cannot have both maximums simultaneously, since it depends upon the combination of cards you fill the slots with. Also, maximums vary greatly depending upon the types of CO line cards used, since they vary in density. See the new *Strata DK General Description* for details.

## Product Line Strategy

The new Strata family consists of the DK8, DK16e, and DK424.

The Strata DK424 Base Cabinet replaces the Strata DK280 Base Cabinet in the Toshiba Strata DK product line. In fact, this product change has already taken place. As of February 1997, we began shipping the DK424 Base Cabinet in place of the DK280 Base Cabinet for all new Strata DK280 orders, in similar strategy as early shipment of the DK424 Expansion Cabinet. Since the DK424 Base Cabinet is backward compatible with all DK280 RCTU processors, it will also be used for DK280 Base Cabinet replacements.

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This is great news for existing DK280 customers who outgrow their systems. In fact, the DK424 reuses so much of the common equipment from the DK280 that it is basically a larger extension of it.

Existing Strata DK24/56/96 customers who outgrow their systems can also migrate up to the appropriate-sized DK424 system and reuse much of their common equipment. All CO line, station, and option PCBs are upward compatible with the DK424, providing the same cost-effective migration as the DK280 did.

Modular growth, with Strata DK424 systems from 48 ports to 424 ports, now provides better investment protection than ever before. Growth and expansion from one to seven cabinets means customers can reuse common equipment in a building block fashion with almost unlimited configuration flexibility.

### Pricing

The Strata DK424 Base Cabinet is the same price as the DK280 Base Cabinet, enabling the DK424 to take the place of equivalently configured DK280 systems at the same price. This will provide a higher capacity, modular system for the same price, yielding a more competitive product than ever before. See the new *Strata DK Price Book* for all the details.

### Dealer Support Materials

Our Strata DK280 system administration tools are being replaced with new and improved DK424 versions. 424 Quote will replace 280 Quote. All new Strata DK installation and support tools will also be available for both the Strata DK424 and the Strata DK16e. They will replace the current 280 Admin and 280 Backup installation and support tools, and are backward compatible with all software versions of the Strata DK280.

**424 Quote** is an all new automated system configuration Microsoft® Windows® software package that makes it easy for you to determine which system components are needed when configuring a Strata DK424 system. It can be used both for original installation or add-ons.

424 Quote is like an on-line worksheet that serves as a checklist and it even tells you which slot to install certain cards in. You can insert your own costs and prices that are password controlled. It is great for sales representatives preparing to bid Strata DK424 systems, or operations personnel ordering equipment, or technicians doing installation planning.

This software package runs on your IBM-compatible Microsoft Windows 95 (required) personal computer. The first copy of 424 Quote is provided by Toshiba free-of-charge and can be copied. It will become available at about the same time as the initial release of the DK424 RCTUE/F processor.

**DK Admin** is an administration software package that enables you to save all Strata DK424 or DK16e system configuration program options (speed dial, numbering plan, ringing assignments, station options, etc.) in a file on your IBM-compatible DOS personal computer, connected to the system via a serial port.

This customer database can be added to or changed using a PC even when not connected to the Strata DK system. The new customer data can then be uploaded to the DK424 or DK16e from the PC, changing customer program options locally on-site, or remotely over telephone lines and modems.

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This is a very efficient way to maintain the end user's system, to save and restore customer data, and to modify an existing database file for a new quote or install. The DK Admin software has an easy-to-use, menu-driven spreadsheet format. It will be available at the same time as the initial release of the DK424 RCTUE/F processor. A free copy will be sent to each office of record for use with existing red 280 Admin keys.

**DK Backup** is a backup and restore administration software package that enables you to retrieve DK424 or DK16e system configuration program options (speed dial, numbering plan, ringing assignments, station options, etc.) from the processor, and save the data in a file on your IBM-compatible DOS personal computer, which is connected to the system via a serial port.

Customer data can also be restored to the DK424 or DK16e by sending the data from the PC file either locally on-site, or remotely over telephone lines and modems. The backup procedure can be performed for the whole customer database or selected individual parts (programming options, system speed dial, station speed dial, voice mail codes, or user names).

DK Backup provides a very efficient way to backup and restore the customer's database. It also makes an easy installation tool, and is especially useful for changing ROMs without having to manually reprogram everything. The DK Backup software has an easy-to-use, menu-driven spreadsheet format. It will be available at the same time as the initial release of the DK424 RCTUE/F processor. A free copy will be sent to each office of record for use with existing green 280 Backup keys.

### Documentation

A brand new brochure has been created for Strata DK424.

An all new General Description has also been created for the new Strata DK product family. It contains information on the DK424 and DK16e. We will continue to use the existing *Strata DK8 & DK16 General Description* for the DK8.

All documentation, including the *Strata DK Installation & Maintenance Manual*, *Programming Manual*, *User Guides* (including the *424 Quote Guide* and combined *DK Admin/Backup Guide*), *Quick Reference Guides*, and *Feature Description Manual* are being revised and will be available before product release.

### Training

Both technical and sales training curriculums for the Strata DK are being updated to include information on the Strata DK424.

For technicians already certified on the Strata DK280, a training bulletin will be issued explaining the hardware and programming differences of the DK424. Technicians not fully Strata DK certified should take the new complete Strata DK I&M training course. The new course, which includes the DK424, will begin with the scheduled 3-31-97 class.

### Availability

The Strata DK424 Base Cabinet is already shipping with all DK280 system orders.

The Strata DK424 RCTUE/F processor is scheduled to become available for shipping by June 2, 1997. Orders can be placed beginning April 18, 1997.