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Announcing Strata DK424i

Toshiba is very pleased to announce an exciting new digital business telephone system. The Strata DK424i provides new system hardware architecture compatible and upgradeable to a future larger Strata system, using the same new Base and Expansion Cabinets. These new cabinets provide investment protection for Strata DK424i customers when growth will exceed 424 ports. The DK424i systems replace the Strata DK424 in the Strata product line.

Product Overview

The Strata DK424i system has completely new processors and cabinets that are *not* interchangeable with DK424 processors and cabinets. Cabinets of the two systems cannot be mixed together in a configuration. This is because the DK424i cabinets are compatible with the next generation, larger Strata product, but not with the DK424 generation.

Cabinets

The Strata DK424i uses a similar modular, building block system design as the DK424. The DK424i can be configured using from one to five cabinets (a Base Cabinet and up to four Expansion Cabinets).

The Strata DK424i Base Cabinet (CHSUB672A) is wider than the DK424 Base Cabinet in order to accommodate more card slots. It has two processor slots, eight universal slots, and uses a different power supply (BPSU672A). All universal card slots in the DK424i Base Cabinet have 16 time slots.

The Strata DK424i Expansion Cabinet (CHSUE672A) is also wider than the DK424 Expansion Cabinet in order to accommodate more card slots. It has 10 universal slots and uses the same power supply as the DK424i Base Cabinet. Six of the universal card slots in the DK424i Expansion Cabinet have 16 time slots and four of the universal slots have eight time slots. DK424i Expansion Cabinets can be remotely connected to the DK424i Base Cabinet via RRCU optical fiber connectors, but the DK424 Expansion Cabinet *cannot* be connected to the DK424i Base Cabinet via fiber connection.

Processors

The Strata DK424i uses all new processors. Four models support small to large configurations to accommodate affordable price points, similar to the strategy used with current DK424 processors. The DK424i processors have the same software features as DK424 Release 4.3, but with different port capacity maximums. The two largest processor models enable the use of all 10 universal card slots in the DK424i Expansion Cabinets. All Strata DK 424i features are supported by each processor model, except that the small system processor (B1CU) does not support attendant consoles.

The DK424i supports the following processor models and configurations assuming one slot is used for an optional External Page/Maintenance Interface PCB:

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- ◆ **B1CU** – The DK424i small system processor is for single cabinet configurations (eight universal slots). Maximum capacity is 32 CO lines or 56 stations, for a total of 64 ports. This is 16 ports larger than the DK424 RCTUA 48-port processor that supports six universal slots.
- ◆ **B2CAU/B2CBU** – The DK424i medium system processor is for one or two cabinet configurations (14 universal slots - eight in the Base Cabinet and six in the Expansion Cabinets). Maximum capacity is 120 CO lines or 104 stations, for a total of 112 ports using analog trunks or 128 ports using T1 or PRI. This is 32 ports larger than the DK424 RCTUBA/BB 96-port processor that supports 12 universal slots.
- ◆ **B3CAU/B3CBU** – The DK424i large system processor is for configurations requiring from one to three cabinets (28 universal slots). Maximum capacity is 120 CO lines or 192 stations, for a total of 216 ports using analog trunks or 248 using T1 or PRI. This is 32 ports smaller than the DK424 RCTUC/D 280-port processor that supports 36 universal slots.
- ◆ **B5CAU/B5CBU** – The DK424i maximum system processor for configurations requiring up to five cabinets (48 universal slots). Maximum capacity is 200 CO lines or 336 stations, for a total of 376 ports using analog trunks or 424 ports using T1 or PRI. Using digital trunks, this yields the same capacity as the DK424 RCTUE/F 48-port processor that supports 54 universal slots.

All the same CO line, station, and option PCBs, as well as digital and electronic telephones used for the Strata DK424 can be used with the DK424i. This also includes the older DK24/56/96 PCBs, which are also compatible with the DK424i.

All the same optional Auto Attendant, ACD, and ACD/MIS feature keys are used on the Strata DK424i processors as in the DK424.

- ◆ The RKYS1 Auto Attendant feature option key provides built-in auto attendant.
- ◆ The RKYS2 ACD feature option key provides ACD and also includes the built-in auto attendant.
- ◆ The RKYS3 ACD/MIS feature key provides ACD and opens up the MIS channel for connection of an external MIS processor. It also includes the built-in auto attendant.

New DTMF receivers are used on the DK424i processors.

- ◆ The BRCS-4 subassembly provides four DTMF circuits.
- ◆ The BRCS-8 subassembly provides eight DTMF circuits.
- ◆ The BRCS-12 subassembly provides twelve DTMF circuits.

The new *Strata DK General Description* will be sent out separately in mid-May.

Software Features

The Strata DK424i processors have the same software as the DK424 Release 4.3 processors. This provides the same feature functionality as the Strata DK424 Release 4.3 system. See Sales Bulletin SBDK-0055 for details.

The Strata DK424i programming is the same as the DK424 with a few different configuration rules. Use DKi Admin or DKi Backup version 4.3.1 to program and back up the DK424i system. A new DKi Quote will automate configuring systems with the new processors and cabinet structure. Both will be available later this month on FYI internet.

Product Line Strategy

The new Strata family consists of the DK14, DK40i, and DK424i. The Strata DK424i replaces the DK424 in the Strata DK product line. The DK424i has all the same features and maximum capacity as the DK424 it replaces.

The Strata DK424i is a good investment because it positions customers for cost-effective future expansion beyond 424 ports when they upgrade to a larger Strata system, using the same Base Cabinet and Expansion Cabinets.

Strata DK424 processors, Expansion Cabinets, power supplies and other components continue to be available for existing customer upgrades or replacements. A limited number of Base Cabinets will be available as replacements only.

Compatibility and Upgrades

All the same CO line, station, and option PCBs, as well as digital and electronic telephones used for the Strata DK424 can be used with the DK424i. This also includes the older DK24/56/96 PCBs, which are also compatible with the DK424i. (See the following hardware compatibility table).

Category	Unit Name	DK424	DK424i
Processor Card	RCTU cards for DK424	X	NA
	B_C_U cards for DK424i	NA	X
DTMF Receiver Unit	RRCS-4/8/12	X	NA
	BRCS-4/8/12	NA	X
Optional Interface Unit	RSIU	X	X
	PIOU	X	X
	RSSU	X	X
	PIOUS	X	X
Terminal	EKT2000	X	X
	EKT6000	X	X
	EKT6500	X	X
	HDSS	X	X
	Existing Proprietary Attendant Console	X	X
	DK424 PC Attendant	X	X
	RPCI (RS-232C) - Data	X	X
	RPCI (RS-232C) - TAPI	X	X
	DKT1000	X	X
DKT2000	X	X	
Base Cabinet	DKSUB424A	X	NA
	CHSUB672A	NA	X
Expansion Cabinet	DKSUE 424A	X	NA
	CHSUE672A	NA	X
	Data Cable for Expansion Cabinet DK424	X	NA
	Data Cable for Expansion Cabinet DK424i	NA	X
Power Supply Unit	RPSU424A1	X	NA
	BPSU672A (120VAC/208VAC/240VAC power supply)	NA	X
Conduit Connection Box	RCCB2A1	X	NA
	BCCB120A (120V box)	NA	X
	BCCB240A (240V box)	NA	X
Battery Distribution Box	RBDB2A	X	NA
	BBDB1A (new Battery Distribution Box, seven BBTC2A-2.0M)	NA	X
Power Strip	RPSB1A1	X	NA
	RPSB2A (current 120VAC power strip)	X	X
	BPSB240A (new 240VAC power strip)	NA	X

(continued)

Category	Unit Name	DK424	DK424i
Battery Cable	PBTC-3M	X	X
	BBTC1A-2.0M	NA	X

X = Compatible

NA = Not Applicable

Pricing

The price of the Strata DK424i is similar to the DK424 in equivalent configurations. This is great news, especially with the new cabinets that position Strata DK424i customers for a cost effective upgrade to a larger Strata system in the future. For more details see the new *Strata DK Authorized Toshiba Dealer Price Book* which will be available May 8th on FYI Internet under Strata Systems/Dealer Pricing/Strata DK Authorized Toshiba Dealer Price Book.

Dealer Support Materials

Our Strata DK424 system administration tools will be updated to support the DK424i.

- ◆ DKi Quote supports the Strata DK14, DK40i and the DK424i.
- ◆ DKi Admin and DKi Backup version 4.3.1 supports the Strata DK40i, the DK424i, as well as previous Strata DK systems, and will be available soon.
- ◆ StrataControl is also being updated to support the DK424i and will be available soon.

Documentation

All existing Strata DK documentation is being updated to include the new DK424i information and will be available by product release. This documentation will be included in the new Strata DK Library CD-ROM that will contain the following documentation:

- ◆ *Strata DK General Description*
- ◆ *Strata Feature Description Manual*
- ◆ *Strata DK Installation & Maintenance Manual*
- ◆ *Strata DK Programming Manual*
- ◆ *Strata DK User Guides*

DK424i specific parts of the *Installation and Maintenance Manual* will be posted on FYI internet before the CD-ROM is issued. A new Strata DK424i brochure has been created and will be distributed in a follow-up mailing in mid-May. A quick overview of the differences between DK424i and DK424 can be found in the Training section of the FYI internet. See the Training section of this bulletin for details.

Training

Both technical and sales training curriculums for the Strata DK are being updated to include information on the new Strata DK424i. The new curriculum will be taught in the Strata DK Basic I&M Training courses beginning in June 2000. Field sales training for the Strata DK424i will also begin, on a regional basis, in June 2000.

A Strata DK424i CBT has been created to explain the difference between the Strata DK424 and DK424i. This CBT assumes the technician already has an understanding of the Strata DK424. It is not intended to be a stand-alone training program for the DK424i. The CBT is available on FYI Internet under Training/Training News/Strata DK424i CBT. The CBT will also be contained on the new Strata DK Library CD-ROM.

Availability

The Strata DK424i is scheduled to begin shipping in June 2000. Orders for the Strata DK424i can be placed beginning June 1, 2000.

