

TB40-0024  
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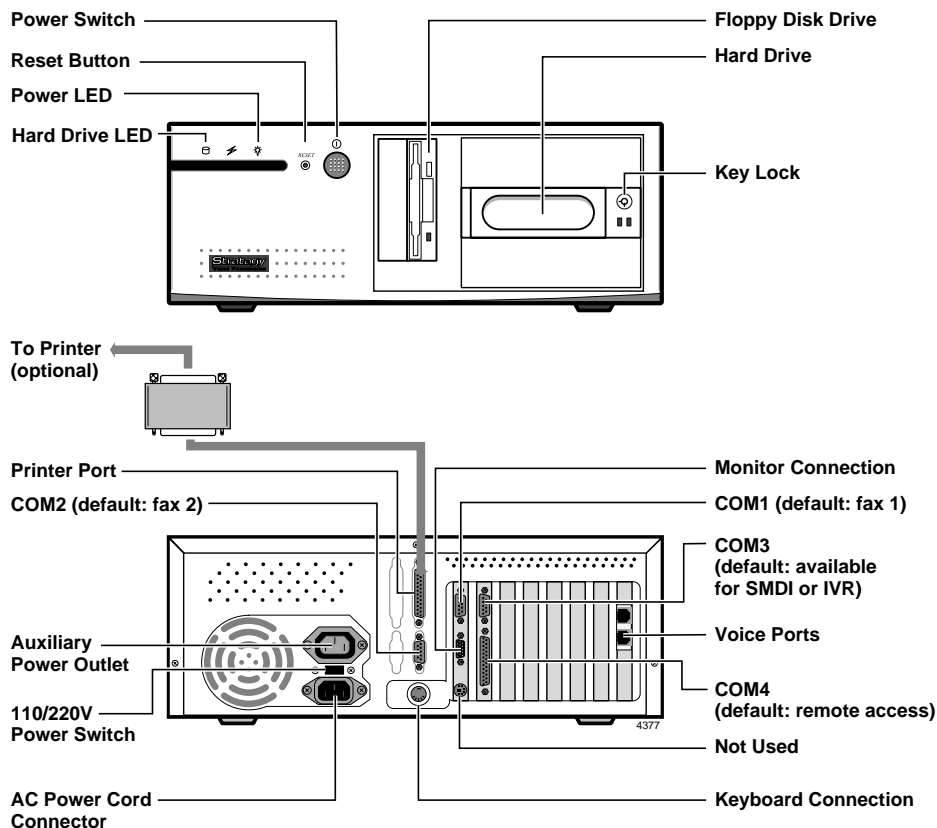
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## Strategy 24 Plus Voice Processing System

This bulletin describes the new Strategy 24 Plus Voice Processing system. The Strategy 24 Plus is a more robust hardware platform with a 200 MHz Intel® Pentium® processor that uses current Release 2 Strategy 24 software. This new system supports all of the features of the original Strategy 24 but is not a replacement for the Strategy 24. The Strategy 24 Plus complements the Strategy 24 to meet the needs of small- to medium-sized businesses requiring a Pentium-based processor.

### Hardware Description

Strategy 24 Plus uses passive backplane Single Board Computer (SBC) architecture – a technology where active circuitry that is normally found on a Personal Computer (PC) motherboard is moved onto a plug-in circuit card for improved reliability and scalability. See the diagram below for external components.



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The SBC used in the Strategy 24 Plus features a 200 MHz Intel Pentium processor and contains 4MB of RAM, VGA monitor circuitry and two COM ports. The Strategy 24 Plus also has a two port SIIG COM board installed, making a total of four COM ports.

The Strategy 24 Plus is factory equipped with a four-port Rhetorex voice board. The passive backplane has a total of six ISA slots available for voice boards for a maximum of 24 voice ports.

**Note** Duet/quartet voice boards cannot be installed in the Strategy 24 Plus.

The PC's hard disk drive is enclosed in a removable hard drive bay and supports up to 33 hours of voice storage.

**Important!** *The key lock for the hard disk drive must be in the locked position for Strategy 24 Plus to operate.*

The PC's configuration is shown below:

| Configuration   | Dimensions                                    | Weight  | Power Requirements <sup>1</sup>  |
|---|---|---------|--|
| A Pentium computer running at 200 MHz with:<br>♦ One 3.5" floppy-disk drive (1.44 MB)<br>♦ 4~24 ports<br>♦ Storage capacity of 33 hours<br>♦ 4 COM Ports (RS-232)<br>♦ Strategy Activation Module (SAM) <sup>2</sup>  | Height: 6.5"<br>Width: 16.5"<br>Depth: 16.5"  | 23 lbs. | 100~120VAC<br>at 7 amps<br>(50/60 Hz)<br><br>200~240VAC<br>at 4 amps<br>(50/60 Hz) |
| Strategy 24 Plus VGA monitor (SG-MM-Plus)   | Height: 13.3"<br>Width: 12.8"<br>Depth: 12.6" | 20 lbs. |  |
| Keyboard (SG-KEYB)  |   |         |  |
| <sup>1</sup> In areas where the power source is not stable (i.e., frequent power failures, brown outs, etc.), a customer-supplied power Uninterruptible Power Supply (UPS) is also required.<br><sup>2</sup> Same SAM as the existing Strategy 24 system (turquoise). |   |         |  |

**Note** The Strategy 24 Plus is FCC registered and is listed with the Underwriters Laboratory (UL). See the *Strategy General Description* for Strategy FCC requirements and UL symbol.

Strategy 24 Plus supports four out of the five following serial communication port (RS-232) options:

- ♦ Fax/Modem 1 (Available as optional equipment. Fax features are standard.)
- ♦ Fax/Modem 2 (Available as optional equipment. Fax features are standard.)
- ♦ Remote Maintenance
- ♦ IVR Host Connectivity
- ♦ Simplified Message Desk Interface (SMDI) Integration

## Software/Feature Description

The Strategy 24 Plus is year 2000 compliant and ships with Release 2.25 Strategy software. All Release 2 features function the same on the Strategy 24 Plus as they do on all other PC-based Release 2 Strategy systems. For details on Release 2 features and options, see the Release 2 *Strategy General Description, Installation and Maintenance Manual, and User Guide*.

The optional fax/modem(s) on Strategy 24 Plus can be used to provide Fax Messaging, Fax on Demand and Fax Back.

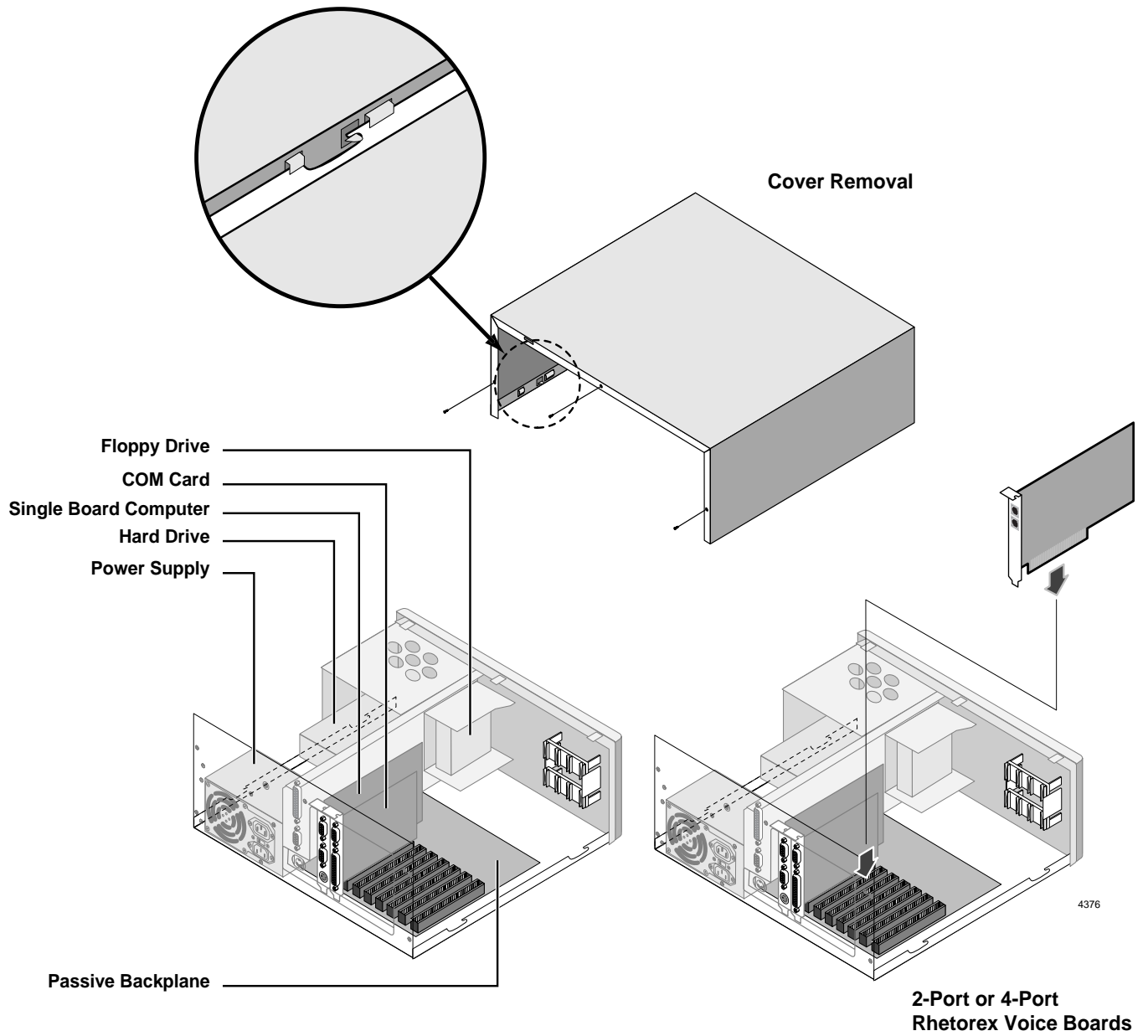
The Strategy 24 Plus comes preprogrammed for operation with the Strata DK424 systems, and can be plug-and-play configured to work with other Strata DK telephone systems or configured to work with other manufacturers' telephone systems.

The Strategy 24 Plus supports these Toshiba telephone systems:

- ♦ Strata DK14/DK8 – all releases
- ♦ Strata DK40i/DK40/DK16e/DK16 – all releases
- ♦ Strata DK424/DK280 – all releases
- ♦ Strata DK24/DK56/DK96 – Release 4

## Installation

The procedures for proper installation of the Strategy 24 Plus are the same as the Strategy 24. See Chapter 2 - Hardware Installation of the Release 2 *Strategy Installation and Maintenance Manual* (starting on page 2-9) for installation instructions and the following diagram for Strategy 24 Plus' internal components.



## Accessing and Using

The procedures for accessing and using the Strategy 24 Plus, both locally and remotely, are the same as the Strategy 24. See Chapter 3 – Accessing and Using Strategy of the Release 2 *Strategy Installation and Maintenance Manual*.

## Equipment

**Note** Many of the equipment items for the current Strategy 24 are also used on the Strategy 24 Plus. The Requirements/Comments column in the following table notes shared items.

The following equipment is available from Toshiba as options:

| System       | Item        | Description  | Requirements/Comments   |
|--------------|-------------|--|---|
| 24 Plus      | SG-24Plus   | Strategy 24 Plus system with 4 ports and 33 hours of storage. Includes keyboard and monitor.                                 | Add 2 or 4-port voice board(s) as required to maximum capacity of 24 ports.<br><b>Note</b> Duet/Quartet voice boards cannot be installed on the Strategy 24 Plus. |
| Spare Parts  | SG-24P-KIT  | Strategy 24 Plus system spares kit. Includes metal case, passive backplane, power supply and cables.                         | As desired for spares.  |
|              | SG-24P-SBC  | Strategy 24 Plus Single Board Computer. Contains a 200 MHz Intel Pentium processor, 4MB RAM, VGA circuitry, and 2 COM ports. | As desired for spares.  |
|              | SG-24P-BP   | Strategy 24 Plus Passive Backplane.  | As desired for spares.  |
|              | SG-24P-CB   | Strategy 24 Plus cables.   | As desired for spares.  |
|              | SG-24P-MC   | Strategy 24 Plus metal case.   | As desired for spares.  |
|              | SG-24P-COM2 | Strategy 24 Plus serial communications card - 2 ports.   | As desired for spares.  |
|              | SG-MM-Plus  | Strategy 24 Plus VGA monitor.  | As desired for spares.  |
|              | SG-4MB6L    | Strategy 4MB memory board.   | As desired for spares. Same as Strategy 24.   |
| Voice Boards | SG-PS       | Strategy power supply (110/220VAC)   | As desired for spares. Same as Strategy 24.   |
|              | SG-P2R      | Strategy 2-port voice board.   | Expands system by two ports. As desired for spares. Same as Strategy 24.  |
|              | SG-P4R      | Strategy 4-port voice board.   | Expands system by four ports. As desired for spares. Same as Strategy 24.   |

| System        | Item           | Description  | Requirements/Comments   |
|---------------|----------------|--|---|
| Fax           | SG-FMOD        | Fax/modem (includes RS-232 and modular cables).  | Required for Strategy 16, Strategy 24 or Strategy 24 Plus Fax Messaging, Fax Back, etc., applications. One per each port. Same as Strategy 24.  |
|               | SG-FAXAPP-2.03 | Strategy fax application software creates User ID mailboxes for fax application.                     | It is not necessary to have this software to perform fax features with Strategy. Does not create fax messaging applications. Same as Strategy 24.   |
| Disk Drives   | SG-HD33        | Strategy Disk Drive - 33 Hours of storage.   | As desired for spares. Does not include system software. Same as Strategy 24.   |
|               | SG-FDD         | Strategy floppy-disk drive 3.5".   | As desired for spares. Same as Strategy 24.   |
| SAM           | SG-SAM-24      | Strategy Activation Module (SAM).  | Required for system operation. Same as Strategy 24.   |
| Miscellaneous | SG-KEYB        | Strategy keyboard.   | As desired for spares. Same as Strategy 24.   |
|               | SG-RMOD        | Remote access modem 2400 baud (includes RS-232 and modular cables).                                  | Required for remote access. Also requires remote software installed on portable PC. Same as Strategy 24.  |
| Software      | SG-24S2.0      | Strategy 24 system software version 2.xx. Floppy disk set (2).                                       | Required to support one or multiple Strategy 24 system(s). Same as Strategy 24.   |
|               | SG-PSE2.0      | Strategy prompts software - English - version 2.x. Floppy disk set (3).                              | Required to support one or multiple Strategy system(s) using English prompts. Same as Strategy 24.  |
|               | SG-PSS2.0      | Strategy prompts software - Spanish - version 2.x. Floppy disk set (3).                              | Required to support one or multiple Strategy system(s) using Spanish prompts. Same as Strategy 24.  |
|               | SG-PSF2.0      | Strategy prompts software - French-Canadian - version 2.x. Floppy disk set (3).                      | Required to support one or multiple Strategy system(s) using French-Canadian prompts. Same as Strategy 24.  |
|               | SG-RS2.0       | Strategy remote software version 1.5 for portable PC. May be installed on more than one portable PC. | Required for remote access on Strategy 6 Lite, 6, 24 and 24 Plus systems and local access on these systems without keyboard and monitor. Also requires a portable PC or PC and modems. Same as Strategy 24. |