TOSHIBA

Stratagy®
Technical Bulletin

Software and Hardware History Matrix

The following matrix provides information on the Stratagy Product line since its debut in October 1994. This matrix shows the software or hardware revision, the date of its release, a description of the new software or hardware, and any additional comments concerning the release. The software versions defined are "released" versions. To handle specific issues, there were beta versions of software issued between releases. You are encouraged to upgrade any system that has one of these beta software versions to the highest release available.

Software Release/ Hardware Platform	Release Date and Supporting Bulletins	Product Description	Comments
Software version 1.10	October 1994	Original software version for debut of Stratagy	
Software version 1.11A	February 8, 1995 Technical Bulletin TB40-0001	Upgrade software for: ♦ Recognition of "A tone" Answer Supervision from the Strata DK. ♦ Intermittent Fax Tone Detection.	Did not require any modifications to voice prompts or system configuration. Improved supervised transfer voice cut through.
New Stratagy voice boards.	July 21, 1995 Technical Bulletin TB40-0003 Sales Bulletin SB40-0003	New half-sized voice boards from Rhetorex.	New advanced architecture, also provided relief from a reported compatibility problem between the Stratagy and the RSTU card of the Strata DK. Full sized cards removed from production and existing boards modified for compatibility issue.
Software version 1.21	February 5, 1996 Technical Bulletin TB40-0005	Upgrade software for: ♦ Introduction of the Stratagy Activation Module (SAM). ♦ Feature collision causing intermittent disconnections. ♦ Improved Fax application functionality.	Upgrading to 1.21 is required before receiving Toshiba technical support. There is no longer a requirement for obtaining a software activation key to move or replace voice boards. New Rhetorex half-sized card feature absorbed the "D tone" from the Strata DK and stored it in a buffer which caused disconnections. Version 1.21 clears this problem. Fax Application Software version 1.03 was provided for quick-and-easy installation of Fax Applications.

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Software Release/ Hardware Platform	Release Date and Supporting Bulletins	Product Description	Comments
Software version 2.09 English Prompts version 2.09	June 3, 1996 Technical Bulletin TB40-0009 Sales Bulletin SB40-0005 Technical Bulletin (What's New in Release 2) TB40-0008	Upgrade software for: ♦ New improved user interface. ♦ Stratagy 16 Upgrade for Stratagy 6 systems. ♦ New mailbox features (i.e. New and Saved Message Queues, Hot Zero, LIFO/ FIFO message order).	All systems running on earlier software versions must first upgrade to version 1.21 **before** upgrading to version 2.09. New version of Stratagy software called Stratagy 16 allows a Stratagy 6 to expand to 16 ports and have fax applications (e.g., faxback and fax messaging). This upgrade requires additional hardware. Software and hardware available in a kit (part # SG-6UP16). New voice prompts are required for the new user interface. Original version of prompts are not compatible with this release. Fax Application Software version 1.03 cannot be used with this version of Stratagy software. Current version 2.03 is compatible with both Release 1 and Release 2 software.
Stratagy 6 Lite Software version 2.09E	June 28, 1996 Technical Bulletin TB40-0010b Sales Bulletin SB40-0007	New cost effective hardware platform for Stratagy. Equipped with Rhetorex' Duet (2 ports) or Quartet (4 ports) voice boards. New software for the Stratagy 6 Lite version, 2.09E, created to support Duet and Quartet voice boards. Version 2.09E also is installed on Stratagy 6 systems. Stratagy 4 and 24 continue to use 2.09. Stratagy 6 Lite can be upgraded to a Stratagy 12 Lite, providing a port capacity of 12 ports. An upgrade kit is available (part # SG-6LUP12).	Implementation of the Duet and Quartet voice boards require a software modification in Stratagy. Software version 2.09E was created for this purpose. Only one Duet or Quartet can be installed into the system at one time. Standard 2- or 4-port cards (SG-P2R / SG-P4R) may be used for additional ports or replacement. Due to hardware resources, IVR applications are not supported on the Stratagy 6 Lite. Uses the same Stratagy Activation Module (SAM) as the Stratagy 6. The Stratagy 12 Lite Upgrade uses the same software as the Stratagy 16 upgrade for a Stratagy 6.

Software Release/ Hardware Platform	Release Date and Supporting Bulletins	Product Description	Comments
Stratagy 4 Lite Software version V4.2B Stratagy Admin software version VSA.2C	August 26, 1996 Technical Bulletin TB40-0011 Sales Bulletin \ SB40-0009	New cost effective hardware platform for Stratagy. Same hardware platform as the Stratagy 6 Lite except it contains less memory and is not equipped with a floppy drive. Equipped with Rhetorex' Duet (2 ports) or Quartet (4 ports) voice boards. Software version V4.2B developed for the Stratagy 4 Lite. This software is not supported on the Stratagy 4 system. Stratagy Admin software version VSA-2C provides programming utilities.	New software version V4.2B is unique in that the administration screens have been removed from the Stratagy hard drive and installed in a peripheral program called Stratagy Admin (version VSA.2C) that runs on a separate computer. Stratagy 4 Lite is the only system that uses Stratagy Admin. Only one Duet or Quartet can be installed into the system at one time. Standard 2- or 4-port cards (SG-P2R / SG-P4R) may be used for additional ports or replacement. Local programming requires the use of a specially pinned-out cable (part # SG-ADMCBL) between the programming computer and the Stratagy 4 Lite. Stratagy 4 Lite can be upgraded to a Stratagy 6 Lite. Hardware and software available in a kit (part # SG-4LUP6L).
Software version Vx.212 x = system model 4, 6 (including 6 Lite), 16 (including 12 Lite), and 24. Not for Stratagy 4 Lite	December 20, 1996 Technical Bulletin TB40-0013	Upgrade software for: ♦ Systems intermittently locking up during weekly shutdown procedure ♦ Mailboxes receiving a message which is actually multiple copies of the same message. ♦ Messages mistakenly being sent to random mailboxes.	ScanDisk and Defrag were locking up during the weekly morning shutdown. Version Vx.212 removes the surface scan portion of Scandisk out of the procedure. Surface scan was locking up on sectors that were already formatted out of operation. Defrag was running out of memory during the procedure. A linecard driver was removed from memory; this allowed Defrag to run properly.

Software Release/ Hardware Platform	Release Date and Supporting Bulletins	Product Description	Comments
Software version V4.2E (Software for the Stratagy 4 Lite only.) Stratagy Admin version VSA.2E	December 20, 1996 Technical Bulletin TB40-0013 Same as Vx.212	Upgrade software allows the Stratagy 4 Lite to be installed on all Toshiba telephone systems with voice mail features, as well as any non-Toshiba telephone system that supports either DTMF Inband or SMDI integration. V4.2E contains the same software corrections as Vx.212. Stratagy Admin software VSA.2E enhanced with: ♦ Plug and Play capabilities for Toshiba telephone systems. ♦ Increased communication rate to 9600 bps. ♦ Manual dialing mode for remote access.	Upgrading the Stratagy 4 Lite requires an Upgrade disk that is separate from the System software disks and the Stratagy Admin software. Stratagy Admin software was enhanced in version VSA.2E for better functionality with the Stratagy 4 Lite. These new enhancements required a significant change to the software. Significant enough to make Stratagy Admin version VSA.2E incompatible to Stratagy 4 Lite software V4.2B. Plug and Play capabilities are performed by filecopying pbx and database files from the Admin PC to the Stratagy 4 Lite.
Stratagy DK Software version VDK.2G Stratagy Admin version VSA.2G	May 5, 1997 Stratagy DK Installation Guide Sales Bulletins SB40-0010 SB40-0011 SB40-0012 Technical Bulletins TB40-0014, TB40-0015 & TB40-0016	Stratagy system contained on a printed circuit board. Stratagy DK can be installed in all DK telephone systems with available card slots, including Strata DK280, DK16e, DK16, DK24, DK56 and DK96. Stratagy DK runs on software version VDK.2G. Stratagy Admin has been redeveloped in VSA.2G with a user friendly menu driven interface. Allows easier functionality for programming and configuring Stratagy.	Stratagy DK can be configured for 2~8 ports. Port upgrades are performed by the factory through a remote connection. Stratagy Admin version VSA.2G contains more efficient means for configuring Stratagy, performing Plug and Play, and modifying integration parameters. Version VSA.2G also has Backup and Restore Utilities for the Stratagy DK. The new Stratagy Admin version VSA.2G can be used with the Stratagy 4 Lite running V4.2E software or higher. **However, some utilities accessed through the Tools menu (e.g., Backup and Restore) are not available for the Stratagy 4 Lite until Release 3 software** (available later this year).
General	October 1997 Technical Bulletin TB40-0017 (Computer Software Viruses)		

Software Release/ Hardware Platform	Release Date and Supporting Bulletins	Product Description	Comments
Stratagy Hospitality Application	August 1998

Technical Bulletin TB40-0022 (Stratagy Hospitality Application)

Revises Technical BulletinTB40-0018. | Application can be used with both PC-based and Stratagy DK products. | Bulletin describes the mailboxes required to run the Stratagy Hospitality Application. |
| Software Release Vxx.225, V4.2N, VDK.2N, VSA.2N | September 1998

Sales Bulletin SB40-0013 (Announcing Stratagy Software Releases Vxx.225, V4.2N, VDK.2N, VSA.2N

Technical Bulletin TB40-0019 (Stratagy Software Upgrades – Vxx.225, V4.2N, VDK.2N, VSA.2N – and Stratagy I&M Manual Updates | | Software added:

♦ Year 2000 compliance

♦ AMIS except Stratagy DK and Stratagy 4 Lite.

♦ daylight_savings_time parameter

♦ Stratagy DK park head feature

♦ Messaging complaint improvements |
| Stratagy Flash

Software Release 3.0. | February 1999

Sales Bulletins SB40-0014B & C (Announcing the Stratagy Flash)

Technical Bulletins TB-40-0021B & C (Stratagy Flash Voice Processing System) | The Stratagy Flash is a stand-alone two or four-port, solid-state voice processing system with up to approx. 4 hours of storage. It uses solid-state flash memory technology.

Preprogrammed for operation with Strata DK14 and DK40. | Features include:

♦ Year 2000 compliant

♦ User interface enhancements

♦ Pending messages

♦ New shutdown procedure |
| Stratagy DK

Stratagy DK Voice Driver, Version 1.07 | May 1999

SB40-0015 (Announcing Increased Voice Storage, Improved BIOS and Voice Driver, and New Part Numbers for Stratagy DK) | ♦ Voice capacity is increased to 85 hours of storage.

♦ The system clock provides greater accuracy and reliability.

♦ Unit handles message recordings that terminate with recorder tone from the telephone network more efficiently. | Stratagy DK started shipping May 20, 1999 with these enhancements.

The Version 1.07 voice driver software is available for installed systems. |

Software Release/ Hardware Platform	Release Date and Supporting Bulletins	Product Description	Comments
Stratagy 24 Plus	June 1999 Sales Bulletin SB40-0016 (Announcing the Stratagy 24 Plus) Technical Bulletin TB40-0024 (Stratagy 24 Plus Voice Processing System)	New Hardware platform. Stratagy 24 Plus is a desktop PC with a passive backplane SBC and can be configured for 4~24 voice ports. The 24 Plus has a: ♦ 200 MHz Intel Pentium processor ♦ 4MB RAM ♦ 4 COM ports ♦ 33 hours of storage capacity ♦ Monitor and keyboard ♦ 4-port Rhetorex board	Stratagy 24 Plus is year 2000 compliant and ships with Release 2.25 software. All Release 2 features function the same on the Stratagy 24 Plus.
Stratagy 24SBC Enhanced	September, 1999 Technical Bulletin TB40-0028 (Stratagy 24SBC Enhanced Voice Processing System)	Stratagy 24SBC replaced Stratagy 24 in August 1999.	New passive backplane with all of the computer circuitry on a Single Board Computer (SBC). Uses same software as Stratagy 24 – V24.225.
Stratagy 6 Lite SBC	November, 1999 Technical Bulletin TB40-0026 (Stratagy 6 Lite SBC Enhanced Voice Processing System)	Stratagy 6 Lite SBC replaced Stratagy 6 Lite.	New passive backplane with all of the computer circuitry on a SBC. Uses same software as Stratagy 6 Lite – V6.225.
Software version 3.1 Stratagy 6D Stratagy 24D Stratagy DK Stratagy Flash Stratagy Advisor Tutorial	November, 1999 Sales Bulletin SB40-0017 (Announcing Stratagy Release 3.1 and Stratagy Advisor Tutorial) Technical Bulletin TB40-0027 (Stratagy Release 3.1)	New hardware platforms for Stratagy: Stratagy 6D and Stratagy 24D are desktop PCs with a custom PC-based motherboard, a hard disk drive that provides 120 hours of storage and a 3.5" floppy disk drive. Stratagy 6D has an internal modem board and one serial port. Stratagy 24D has four serial ports. Stratagy DK and Stratagy Flash are upgraded to Version 3.1 software.	New software version adds several new features. The following is a partial list: ♦ Year 2000 compliance ♦ Automatic system recovery ♦ Pending messages ♦ AMIS networking (excluding Stratagy Flash) ♦ User interface enhancements ♦ New shutdown procedure ♦ New user tutorial Dialogic® voice boards are added to the configurations – ProLine/2V®, Dialog/4® and D/160SC-LS®.

Software Release/ Hardware Platform	Release Date and Supporting Bulletins	Product Description	Comments
Stratagy Hospitality Application	March 2000 Technical Bulletin TB40-0025 (Stratagy Hospitality Application) Revises Technical BulletinTB40-0022.	Application can be used with both PC-based and Stratagy DK products.	Bulletin describes the mailboxes required to run the Stratagy Hospitality Application.