



# Year 2000 Statement of Compliance

**Product Name: VS Disk Drives  
VS Magnetic Tape Drives  
VS Mass Storage Subsystems  
VS Mass Storage Options**

## ***Introduction***

Wang has manufactured and/or sold numerous disk and tape storage products for use with Wang VS computer systems. This compliance statement references products manufactured by Wang or manufactured by others and labeled as Wang products. It does not include third party products sold by Wang unless they are specifically identified as Wang products.

**This compliance statement applies only to unmodified Wang Product sold by Wang directly to end user customers.**

This statement is provided in response to customer requests for product Y2K compliance Statements.

## ***Definition:***

For the purposes of this statement only, Year 2000 **compliance** means that neither performance nor functionality of a product is affected by dates prior to, during and after the year 2000. In particular-

Rule 1 - No value for current date will cause any interruption in operation.

Rule 2 - Date-based functionality must behave consistently for dates prior to, during and after year 2000.

Rule 3 - In all interfaces and data storage the century in any date must be specified either explicitly or by unambiguous algorithms or inferencing rules.

Rule 4 - Year 2000 must be recognized as a leap year in terms of handling both the 29th of February and day 366.

For the purpose of this statement, Year 2000 **certified** means that Wang has evaluated examined and/or tested a specific product and its associated microcode or support software and has determined that it is year 2000 compliant. In some cases, known exceptions or limitations may be stated.

## ***Wang VS SMD Disk Drives***

Wang labeled drives using the Storage Module Drive (SMD) interface have been evaluated and have been determined to be Y2K compliant. They do not use, store or process dates.

## ***General Statement regarding Wang VS SCSI disk drives***

Wang labeled SCSI disk drives have been made by various reputable disk manufacturers, to Wang specification and with Vendor approved and supported Wang extensions to the internal stored code used by the drives. Wang has evaluated the 2269V and 2279V series disk drives and has determined that they are or will be compliant when they are used with a Wang VS SCSI controller and a Y2K compliant VS Operating System.

**CAUTION:** Wang customers are cautioned that third party or clone drives, purchased from other suppliers, can not be guaranteed to have complete and consistent internal code. Customers can not reasonably infer Y2K compliance just because such drives appear to operate correctly prior to Y2K. Wang can not warrant the Y2K

status of non-Wang drives, or of any system using such drives. In general, customers should not expect the original drive vendor to warrant any drive that has had third party internal code modifications.

### ***General Statement regarding VS SCSI Magnetic Tape Drives***

Wang labeled SCSI Tape drives have been made by various reputable disk manufacturers, to Wang specification and with Vendor approved and supported Wang extensions to the internal stored code used by the drives. Wang has evaluated Wang branded SCSI tape disk drives and has determined that they are or will be compliant when they are used with a Wang VS SCSI controller and a Y2K compliant VS Operating System. The general caution statement made for disk SCSI drives also applies.

### ***Non-SCSI Magnetic Tape Drives***

Wang tapes drives that connect directly to a Tape IOP or IOC have been evaluated and have been determined to be Y2K compliant. Wang tape drives that use a Wang coax serial interface have not been evaluated and can not be certified as Y2K compliant.

The Wang Unattended Backup Unit (WUBU) hardware is Y2K compliant, however in order to achieve Y2K compliance, a new software release is required. This software is not available from Wang Global. The supplier is Prometrics Software contacted at <http://www.prometrics.co.uk>. E-mail [info@prometrics.co.uk](mailto:info@prometrics.co.uk). Telephone (USA) 978-249-7499. UK +44 1332 521235.

Independent of the Y2K issue, Wang recommends replacement of WUBU units with newer generation hardware due to the age of the tape drive in WUBU units. Newer technology drives can store more data with higher reliability and provide substantial improvements throughput.

### ***Wang Storage Subsystems***

Wang Raid subsystems and Wang Mirrored Disk subsystems have been evaluated and are compliant when used with compliant Wang Drives.

The ***Wang High Performance Storage Subsystem*** (HPSS) requires internal software to manage the storage process. Wang's OEM partner has certified the software and product as Y2K compliant.

### ***WANG SCSI Options***

Wang Differential to Single Ended SCSI converters and SCSI extenders have no date awareness and thus are Y2K compliant.

The Wang SCSI Accelerator has no date awareness and is Y2K compliant.

### ***Wang Storage Cabinets***

Wang SCSI cabinets and enclosures provide power and mounting locations for SCSI devices. The system is not aware of the presence or absence of such enclosures. There are no Y2K ramifications.

***Effective Date: December 15, 1998***