

## vtAlpha & vtVAX version 2.8.2 Release Notes

Version 2.8.2 is a minor release update that contains fixes for reported problems and enhancements requested by customers. Remote Support Link is a new feature that can give AVTware engineers access to the customer vtAlpha/vtVAX system to investigate reported problems. Access has to be granted by the customer.

### vtVAX

- Renamed CPU Idling feature to EcoMode.
- Fixed a problem causing occasional HostUnavailable errors with VAX 4100 and 7000 emulations.
- Fixed CPU start/stop delay problem.
- Fixed problem causing I/O CPUs to spin.
- Fixed problem causing virtual memory exhausted crash.
- Added filter for Ethernet packets with frame size larger than 1518 bytes (jumbo packets).
- Fixed problem affecting vtMonitor Halt function when Autostart is enabled.
- Corrected timing value for SCSI tape operations.

### vtAlpha

- Add support for non-consecutive LUN numbering in configuration definitions. For example, devices DKA100 and DKA102 may now be configured without configuring DKA101.
- Added support for SCSI security in/out commands (required for tape encryption).
- Added Disconnect command to the SRM console.
- Fixed OpenVMS mount verification issue that occurred in a few specific situations.
- Fixed vtAlpha performance degradation that occurred when the virtual memory size was not a power of 2.

### vtServer

- Added remote support capability (for details, see next page).
- Added support for Secure FTP (SFTP) and Secure Copy (SCP).
- Added support for more than 32 network interfaces.
- Provided new version of the license verification software.
- Disabled the screen power save feature, which could cause confusion during product installation.
- Added support for the new Moxa serial lines adapter (older Moxa products were already supported).
- Added missing DECwindows font aliases to X-Server.
- Disallowed configuration of partitions with a partition offset of zero as physical disk. This situation occurs only with special storage devices.
- Fixed problem that caused the DNS server to be changed when the host name was modified.
- Fixed a problem that resulted in temporary degradation of network performance.
- Improved Webserver response.

- Added VLAN support:
- Added activity indicator in the console menu for longer term operations.
- Added an item to the console menu to generate support info files and copy them to USB-stick.
- Add test email and user authentication for SMTP server in alerts setup

## vtMonitor

- Improved web server responsiveness.
- Fixed problem that caused the logical disk display to scroll improperly when using Google Chrome.
- Fixed embedded operator terminal (OPA0/COM2) problem that occurred when using Google Chrome.
- Fixed NFS disk mount /dismount problem.
- Fixed timing hole when changing the address of the mgr or xwi network interfaces.
- Disallowed SCSI identifiers larger than 32767.
- Disallowed configuring a system disk, system partition, or mounted partition as a physical disk to prevent the inadvertent destruction of existing data.
- When an empty hardware license key is detected, report the license key number in the log and the vtMonitor License Info display.

## Remote Support Link

Remote Support Link (RSL) is a new feature in vtServer 2.8.2 which is used by customers to allow vtAlpha/vtVAX support engineers to access their system remotely to assist with diagnosing and correcting difficult problems. The connection must be established by the customer and may be disconnected at any time using the Support option in the vtServer menu or the link control button under the new Support tab in the vtMonitor Toolbox. The RSL feature establishes an encrypted SSH connection using TCP ports 80, 22, or 443, so in most cases no firewall configuration changes are required.



## VLAN

The VLAN capability is now embedded in vtServer to support customers that use this technology in their network infrastructure. This capability should only be used in a VLAN environment.

## General

**It is important to clear the cache of the browser(s) you use to run vtMonitor after every vtServer update. Otherwise you may experience unpredictable results.**