

1 Purpose

This document describes the fixed bugs and problems as well as improvements in the following new software versions in comparison with the previous versions.

- Vision Air
New: 2.0.7
Old: 2.0.5
 - Vision Air Routine non-pharma and pharma
New: 2.0.7.9
Old: 2.0.5.5
 - Vision Air Manager Local non-pharma and pharma
New: 2.0.7.9
Old: 2.0.5.3
 - Vision Air Manager Network non-pharma and pharma
New: 2.0.7.9
Old: 2.0.5.2

2 New features

Vision Air Pharma

Topic	Description
DS2500 Liquid Analyzers	Implementation of 21 CFR Part 11 functionalities.

3 Improvements

Vision Air

Topic	Description
Transport Layer Security (TLS)	TLS version 1.2 (upgraded from 1.1)
Windows	Vision Air Server now supports Windows 2016 and 2019.

Topic	Description
.NET Framework	<ul style="list-style-type: none"> Support of .NET Framework 4.8. Vision Air Server no longer requires .NET Framework 3.5 SP1 Full.
SQL Server	<ul style="list-style-type: none"> Vision Air Server now supports Microsoft SQL Server 2016 and 2017. Microsoft SQL Server 2012 is not supported anymore. Vision Air Server installations connected to Microsoft SQL Server 2012 should migrate to Microsoft SQL Server 2014 prior to updating to Vision Air Server 2.0.7. Vision Air Routine now supports Microsoft SQL Server 2017. When updating, the Vision Air Routine setup program will upgrade Microsoft SQL Server automatically. When updating Vision Air Routine on Windows 7, the setup program will not upgrade Microsoft SQL Server, but keep using SQL Server 2014. New installations of Vision Air Routine 2.0.7 on Windows 7 are not supported. Microsoft no longer supports Windows 7.
Visual C++	Vision Air Manager no longer requires Microsoft Visual C++ 2010 Redistributable.
DS2500 Liquid Instrument Diagnostic Test	<p>The limits used during the Instrument Diagnostic Test for DS2500 Liquid have been updated:</p> <ul style="list-style-type: none"> Wavelength accuracy limits changed from 1.0 nm to 0.2 nm Bandwidth accuracy limits changed from 1.0 nm to 0.5 nm

Vision Air Pharma

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Transport Layer Security (TLS)	TLS version 1.2 (upgraded from 1.1)
Windows	Vision Air Server now supports Windows 2016 and 2019.
.NET Framework	<ul style="list-style-type: none"> Support of .NET Framework 4.8. Vision Air Server no longer requires .NET Framework 3.5 SP1 Full.

Topic	Description
SQL Server	<ul style="list-style-type: none"> ▪ Vision Air Server now supports Microsoft SQL Server 2016 and 2017. ▪ Microsoft SQL Server 2012 is not supported anymore. Vision Air Server installations connected to Microsoft SQL Server 2012 should migrate to Microsoft SQL Server 2014 prior to updating to Vision Air Server 2.0.7. ▪ Vision Air Routine now supports Microsoft SQL Server 2017. When updating, the Vision Air Routine setup program will upgrade Microsoft SQL Server automatically. When updating Vision Air Routine on Windows 7, the setup program will not upgrade Microsoft SQL Server, but keep using SQL Server 2014. New installations of Vision Air Routine 2.0.7 on Windows 7 are not supported. Microsoft no longer supports Windows 7.
Visual C++	Vision Air Manager no longer requires Microsoft Visual C++ 2010 Redistributable.
DS2500 Liquid Instrument Diagnostic Test	<p>The limits used during the Instrument Diagnostic Test for DS2500 Liquid have been updated:</p> <ul style="list-style-type: none"> ▪ Wavelength accuracy limits changed from 1.0 nm to 0.2 nm ▪ Bandwidth accuracy limits changed from 1.0 nm to 0.5 nm

4 Fixed bugs

Vision Air

Topic	Description
DS2500 Liquid	In Vision Air Routine for DS2500 Liquid, the manual accessible in the tool section was not displayed correctly. This has been fixed.
Vision Air Routine German version	In the German version of Vision Air Routine, the stop button name was translated incorrectly. This has been fixed.

Vision Air Pharma

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DS2500 Liquid	In Vision Air Routine for DS2500 Liquid, the DS2500 Liquid Analyzer manual accessible in the tool section was not displayed correctly. This has been fixed.
Vision Air Routine German version	In the German version of Vision Air Routine, the stop button name was translated incorrectly. This has been fixed.

5 Known bugs

Vision Air

Topic	Description
Online help	The online help of Vision Air Manager does not include Vision Air DS2500 Liquid specific features.
Vision Air Routine startup	If Vision Air Routine uses SQL Server with Turkish collation settings, then the hosting service will not start.
Wavelength certification test	The wavelength certification test does not use the correction files from the USB flash drive. Instead, Vision must be used to perform the wavelength certification test.

Vision Air Pharma

Topic	Description
License import	The import of licenses does not trigger a configuration change in the local version of Vision Air Pharma, but is displayed in the next configuration change.
Online help	The online help of Vision Air Manager does not include Vision Air DS2500 Liquid specific features.
Vision Air Routine startup	If Vision Air Routine uses SQL Server with Turkish collation settings, then the hosting service will not start.
Wavelength certification test	The wavelength certification test does not use the correction files from the USB flash drive. Instead, Vision must be used to perform the wavelength certification test.
Signing rights	The user roles System Administrator and Instrument Manager in Vision Air Local Pharma share the same signing rights. Activating signing rights for one of these user roles activates the signing rights automatically for both user roles.

6 Compliance

The current software version does not contain any modifications that affect conformity of Vision Air regarding 21 CFR Part 11 and GAMP.