

## 1 Purpose

This document describes new features and fixed bugs in the following new software version in comparison with the previous version.

- New version: 4.1.1.70
- Old version: 4.1.1.63

## 2 New features

Topic	Description
Visible-InGaAS Single-Point Process XDS	Vision supports the Single-Point Process XDS from 400 - 2200 nm.
New output settings for Vision I/O Box for Applikon	This is an extension to the Vision I/O Box functionality to interface to 4 - 20 mA.  Each analog output can be assigned to different analog ports. Analog results can be scaled.

## 3 Improvements

Topic	Description
Update of the peak to determine linearization constant	The peak that is used to determine the linearization constant has been updated for OptiProbe and SmartProbe.  A wrong peak was used: 2307.54 nm instead of 2166.80 nm. The functionality to dynamically choose the correct peak with respect to the implemented goldbox has been implemented.
Outside applications can request Vision to exit the server	This feature is needed to allow database synchronization between Vision server and Vision Routine Analysis clients.

## 4 Fixed bugs



Topic	Description
Increase of stack size	The stack size has been increased to 4 MB.  The reduced stack size could cause a crash of Vision during the analyze store data procedure. This has been fixed.

## 5 Known issues

Topic	Description
Library validation – Mismatch between PDF report screen view	PDF library validation report does not match the validation screen view.
Unable to import data to Vision	Data that was collected with the MultiVial XDS in Vision Air cannot be imported in Vision.

## 6 Compliance

The current software version does not contain any modifications that affect conformity of Vision regarding GAMP.

Requirements of 21 CFR Part 11 can only be activated when a Vision Pharma License has been used for the installation of Vision.