## 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 funcionality to interface to 4 - 20 mA.<br><br>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.<br><br>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.