



**TNR Q1 2021**

**EXTERNAL RELEASE**

**NOTE**

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# 1 HEADLINE RELEASE ITEMS

New Release versions of the following products are available:

Equival Product	Version
Equival Manager	2.8.1
Equival Manager (ADI Only)	2.8.1-ADI
EQ02+ SEM Firmware (included in Equival Manager release)	20.24
EQ02 SEM Firmware (included in Equival Manager release)	9.132
eqView Professional	5.4.1

## 2 INTRODUCTION

Welcome to the Equival TnR Q1 2021 Release. The following Key Features are associated with this release:

- Update to Equival Manager installer, whereby connection to the internet is no longer required.
- Update to Equival Manager and eqView Professional to eradicate minor data loss seen when using with Equival Bluetooth dongles for live viewing.
- Release of firmware for both the EQ02+ and the legacy EQ02 SEM (Sensor Electronics Module) to address minor bugs
- Update to Equival FTDI drivers for Equival Manager



## 3 DETAILED UPDATES

### 3.1 SEM Firmware

#### 3.1.1 EQ02+ SEM

The firmware has been updated to allow wireless Nonin 3150 Oxygen Saturation devices to be used for continuous streaming of data, rather than simply point-in-time measurements.

**NOTE:** this update is not included in the legacy EQ02 SEM firmware update.

#### 3.1.2 EQ02 SEM

This update is to overcome a defect observed in this legacy version of the SEM during the year change to 2021, whereby the stored filename was being incorrectly dated with the year 2010 rather than 2021. [**NOTE:** that that the data was being correctly time stamped]

### 3.2 Equivital Manager

The following updates have been included in the new release of Equivital Manager.

1. The Equivital Distributed Network (EDN) has been updated. This is used for live viewing of SEM data. The EDN update incorporates a fix for an issue identified for recent versions of the Equivital Bluetooth Dongle, whereby intermittent minor data transfer loss was observed in live streamed waveforms.
2. Installer has been updates so that installation can proceed even in the absence of an internet connection. This addresses the situation where some customers have no, or restricted internet, access.
3. New SEM firmware releases described above. If you update Equivital Manager then it will flag whether any connected SEMs are on older versions of firmware and allow an update to be performed, if you confirm.
4. Update to the signing of the FTDI drivers for Equivital, to ensure continued SEM access.
5. Update of user documentation

**NOTE:** for ADInstruments customers, the updates described in the first point are incorporated within the LabChart software.

### 3.3 eqView Professional

This has been updated to include the revised EDN, as described above. This is to account for the use case where eqView Professional is installed on a separate machine to the updated Equivital Manager.

### 3.4 Testing

All changes have been tested and validated on Microsoft Windows 10 OS.



## 4 DOCUMENTATION

The following product documentation has been updated:

- Equivalental EQ02+ Series LifeMonitor User Guide: EQ-000586-UG, Issue 6
- Equivalental Manager User Guide: EQ-000716-UG, Issue 3

Please note that this Equivalental User Guides are updated on a regular basis. Please register on the Equivalental Helpdesk for access to the latest version of this User Guide and other customer support: <https://support.equivalental.com>

