

Release Notes

Product name: XX Configuration Software

Version: 2.1.1.0 (EN)

Date: 03/12/2020

Introduction

Purpose

The purpose of this document is to communicate the new features and changes in this release of "XX Configuration Software".

XX Configuration Software is a Windows application dedicated to the configuration of ultrasonic sensors (XX) from the manufacturer Télémécanique Sensors.

This release notes document describes the evolutions for "XX Configuration Software" compared to the previous version.

Definitions, acronyms and abbreviations

XX: Ultrasonic sensor,

XXBox (XXZBOX01): Accessory allowing communication between the PC and the sensor,

CVE: Common Vulnerabilities and Exposures.

Compatibility and system requirements

Windows OS requirements

This "XX Configuration Software" version is compatible with the versions of Windows 7 SP1 (x86 & x64), Windows 8.1 (x86 & x64) and Windows 10 (x86 & x64).

Installation of the following updates required for

- Windows 7 SP1 (x86 & x64):

KB2921916, KB2990372 and KB3033929.

- Windows 8.1 (x86 & x64):

KB3013769.

Recommendations to increase Security

Various hardening technics must be applied to increase the workstation security including:

- Frequently update your virus definition
- Systematically apply available Security Updates for Windows
- Configure Access Controls including file, directory and network share permission with least privilege in mind
- Use strong password management.
- Methods of least privilege applied to applications and user accounts.
- Removal or disabling unneeded services.
- Removing remote management privileges.

Software requirements

Schneider-Electric License Manager v.2.4.0.0
Schneider-Electric Software Update v.2.4.0.134
Windows Driver Package – Telemecanique Sensors (usbser) 08/09/2017 v.1.0.0.0

Compatibility

This version is compatible with any previous software version of "XX Configuration Software". Any firmware version of the XXBox is also compatible.

About

- Add sensors references D30 8 meters,
- Fixed: scroll bar display of parameter blocks,
- Change "stepper" control,
- Added the Software Usage Tracking (SUT) service,
- Updating the firmware of XXBox secure.

Known defects and troubleshooting

Data recording (echo display)

If some recording data (XML or XLSX) in "Echo display" mode are found to be lost, you must restart the "XX Configuration Software" application. Unplug and then reconnect the XXBox power supply cable. Restart the application.

Communication error (disconnection of XXBox USB cable)

A frequent repeated action of disconnection and then reconnection of the XXBox USB cable to the PC can severely damage the XXBox, which may lead to a loss of configuration of the XXBox.

Some disconnections of the USB cable, during transfer of data between the PC and the sensor, can cause stops of the application "XX Configuration Software". In this case, you must restart the application.

Cybersecurity (CVE)

List of security vulnerabilities:

Schneider-Electric Software Update v.2.4.0.134

openssl V1.0.2l: CVE-2018-0732, CVE-2017-3735, CVE-2017-3737, CVE-2018-0737, CVE-2017-3738, CVE-2018-0739, CVE-2017-3736, CVE-2019-1559, CVE-2018-0734.

zlib V1.2.3: CVE-2016-9841, CVE-2016-9843, CVE-2016-9840, CVE-2016-9842.

Schneider-Electric License Manager v.2.4.0.0

gsoap V2.8.69: CVE-2019-7659.

zlib V1.2.3: CVE-2016-9840, CVE-2016-9841, CVE-2016-9842, CVE-2016-9843.

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zlib V1.2.3: CVE-2016-9840, CVE-2016-9841, CVE-2016-9842, CVE-2016-9843.

Quartz V3.0.7: CVE-2019-13990.

System.Net.Http V4.6.81.0: CVE-2017-0249, CVE-2017-0256, CVE-2017-0247.

Zlib V1.1.4: CVE-2016-9841, CVE-2016-9843, CVE-2003-0107, CVE-2016-9840, CVE-2016-9842.

Coreclr V4.6.81.0: Windows Updates.

qt: CVE-2018-21035, CVE-2015-9541.

libxml2: CVE-2020-7595, CVE-2019-19956, CVE-2019-20388.

sqlite3: CVE-2020-9327, CVE-2019-19959, CVE-2019-20218, CVE-2019-19925, CVE-2019-19924, CVE-2019-19923, CVE-2019-19926.

Contact

For all inquiries about the product, please contact us on the website of Telemecanique

Sensors: <https://tesensors.com/global/en/company/contact>