TelevisGo

Release Notes

10/2023



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Safety Information

Important Information

NOTICE

Read these instructions carefully and visually inspect the equipment to familiarize yourself with the controller before attempting to install it and/or put it into operation, or before servicing it. The following warning messages may appear anywhere in this documentation or on the equipment to warn of potential dangers or to call attention to information that can clarify or simplify a procedure.



The addition of this symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety warning symbol. It is used to warn the user of the potential dangers of personal injury. Observe all the safety warnings that follow this symbol to avoid the risk of serious injury or death.

⚠ DANGER

DANGER indicates a dangerous situation which, if not avoided, **will result in** death or serious injury.

⚠ WARNING

WARNING indicates a dangerous situation which, if not avoided, **could result in** death or serious injury.

⚠ CAUTION

CAUTION indicates a potentially dangerous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE used in reference to procedures not associated with physical injuries.

Please Note

Electrical equipment must only be installed, used and repaired by qualified technicians. Schneider Electric and Eliwell do not accept any liability for any consequences arising from the use of this material.

An authorized person is someone in possession of the skills and knowledge applicable to the structure, to the operation of the electrical equipment and to its installation, and who has received safety training in order to recognize and avoid the risks involved.

About the book

At a Glance

Document Scope

This document contains important information about the software delivery of product Televis**Go**. Read the complete document before you use the product or products described herein.

Validity Note

The information in this Release Notes document is applicable only for Televis**Go** product family.

The characteristics that are presented in the present document should be the same as those characteristics that appear online. In line with our policy of constant improvement, we may revise content over time to improve clarity and accuracy. If you see a difference between the document and online information, use the online information as your reference.

CHAPTER 1
Product Information

Overview

Maintenance release of Televis**Go**, with implementation of new features and/or bug fixing.

Product Identification

Reference	Description	Production Date
TGOCTE●●●●●●●	TelevisGo W10-32	after 14/07/2020
TGODTE●●●●●●●	TelevisGo W10-32Q	after 16/03/2021
TGODTE●●●●●●●	TelevisGo W10-32R	after 21/03/2022
TGODQE●●●●●●●	TelevisGo W10-64	after 03/10/2022

Release History

Document Version	Software Release	Release Date	Description
11.0	09.00.20	22/12/2023	Issues fix and improvements related to the production process
	09.00.09 - 09.00.12 09.00.14 - 09.00.18	06/07/2023	Issues fix on TGODQE●●●●●●●. See 9MA10316 - BIOS configuration procedure EN
10.0	09.00.18	22/05/2023	Improvement and issues fix
9.0	09.00.14	08/03/2023	Improvement and issues fix
8.0	09.00.12	03/03/2023	Improvement and issues fix
7.0	09.00.09	08/11/2022	Win 10 64-bit IOT Enterprise LTSC 2019. Only embedded in original Televis**Go**
6.0	08.08.00	08/11/2022	Software component boot sequence fix
5.0	08.07.00	06/07/2022	SQL script issue fix
4.0	08.06.12	21/03/2022	New SSD with TLC technology
3.0	08.06.11	20/12/2021	Improvement and issues fix
2.0	08.06.10	02/11/2021	Solutions for vulnerability and issues fix
1.0	08.06.09	28/04/2021	Improvement and issues fix
0.0	08.04.05	25/06/2019	Solutions for vulnerability

System Requirements

Recommended Microsoft Windows Security Updates.

Compatibility

Televis**Go** systems (with production date after 14/07/2020).

Installation Instructions

Follow the setup procedure and refer to Televis**Go** User Manual.

CHAPTER 2
Software/Firmware Information

New Features v11.0

None

Mitigated Anomalies v11.0

- The issue with the user's customization of report templates has now been fixed.
- Televis**Go** may frequently reboot and require several minutes to fully start up when IP nodes are temporarily inaccessible. This issue has been fixed.
- This issue is limited to Televis**Go** parts with the model number TGODQE●●●●●●● manufactured between January 1st, 2023, and June 20, 2023. The issue occurs when a Televis**Go** system without a connected monitor to the VGA port fails to start. This issue has been fixed.
- The document "**9MA10316 - BIOS configuration procedure EN.pdf**" provides instructions to fix and verify the affected equipment.

Known Operational Anomalies v11.0

None

CHAPTER 3
Additional Information

Other Important External Information

None.

Release Notes History

Release Notes TelevisGo - v10.0
11th Release (09.00.18)

Release Notes TelevisGo - v9.0
10th Release (09.00.14)

Release Notes TelevisGo - v8.0
9th Release (09.00.12)

Release Notes TelevisGo - v7.0
8th Release (09.00.09)

Release Notes TelevisGo - v6.0
7th Release (08.08.00)

Release Notes TelevisGo - v5.0
6th Release (08.07.00)

Release Notes TelevisGo - v4.0
5th Release (08.06.12)

Release Notes TelevisGo - v3.0
4th Release (08.06.11)

Release Notes TelevisGo - v2.0
3rd Release (08.06.10)

Release Notes TelevisGo - v1.0
2nd Release (08.06.09)

Release Notes TelevisGo - v0.0
1st Release (08.04.05)

New Features v10.0

None

Mitigated Anomalies v10.0

- The issue of being unable to send email notifications using Office 365 or Aruba.it hosted SMTP mail server has been fixed.
- The issue of being unable to set any Layout page as the user's default landing page has been fixed.
- The issue of slow loading and unresponsiveness of the Layout page has been fixed.
- The issue of incorrect rendering of Unicode characters displayed in Televis**Go** web pages has been fixed.

New Features v9.0

None

Mitigated Anomalies v9.0

A web server message prevents to complete the operation when attempting to write a filter parameter for an Algorithm In Tools / Parameter Table

New Features v8.0

- Application update includes updates for Televis**Go** ServiceController software component.
- New setting available in ServiceController configuration file to define default URL to be opened at Televis**Go** startup.

Mitigated Anomalies v8.0

- Incorrect rendering of special characters displayed in TelevisGo web pages menu tabs has been fixed.
- Users permissions for the IIS (Internet Information Services) web server upload folders, preventing upload of files and software updates, have been fixed.
- Algorithm upload / upgrade functionality not operating in TelevisGo v9.0.9 has been fixed.
- Limited range of TCP port setting for Algorithm instances has been fixed.
- Direct printing of automated reports not executing properly has been fixed.

Known Operational Anomalies v8.0

- TelevisGo v9.0.9 requires to be manually updated to version 9.0.12 to enable correct upload of Algorithms, Drivers, Layout files and Upgrades. Contact Eliwell Technical Support for detailed procedure.
- In some cases, after TelevisGo reboot, direct printing of automated reports is not performed/ executed.

New Features v7.0

- Improved security with UEFI BIOS
- Operating System Windows 10 64-bit IOT Enterprise LTSC 2019
- Microsoft SQL server 2019
- Implemented front-end web pages running on standard IIS (Internet Information Services)
- Unified upgrader and application upgrade function
- Added password validation for Users management and enforced strong password policy
- Upgraded WatchDog software component for compatibility with Microsoft Windows 10 both 32-bit and 64-bit versions

Mitigated Anomalies v7.0

- Cybersecurity vulnerability resolved in ‘Binary formatter’
- Fixed Layout Designer software not executing in some Desktop PC
- Fixed a software component boot sequence issue causing missing operation at startup, with potential data loss, and recognizable from the web user interface reporting “DB Error” message
- Improved the certificate management in case the PC name is changed impeding HTTPs operation
- Improved the protection from DLL hijacking and checking the execution of signed programs and libraries.
- Improved the software for removing server information in HTTP response headers
- Improved User Session management and errors handling
- Improved improper authentication increasingly delay unsuccessful login attempts
- Improved input validation of user input and encoding of output
- Improved filtering of filenames and other user input parameters to mitigate “path traversal”
- Improved memory management to help protect sensitive information
- Set appropriate permissions to the application directories

New Features v6.0

None.

Mitigated Anomalies v6.0

Fixed a software component boot sequence issue causing missing operation at startup, with potential data loss, and recognizable from the web user interface reporting “DB Error” message.

New Features v5.0

Introduces the compatibility with upgrader version provided with TelevisGo v. 9.0 onwards.
This update is necessary to update a version prior to 8.7.0 to a version 9.0 or later

Mitigated Anomalies v5.0

Fix Windows 10 folder permission problem that prevents execution of SQL scripts.

New Features v4.0

- Change of SSD technology from MLC to TLC and increase of physical size to 256 GB to improve prevention of lifespan for 128 GB formatted size.
- The product version is recognizable by “AEC-6614-A10-T006” in the product label and “/R” in the commercial product name. Part Numbers remain unchanged (TGODTE●●●●●●●)

Mitigated Anomalies v4.0

None

New Features v3.0

- Virtual Alarms can be set confirmed
- Visual feedback is provided when saving a network configuration

Mitigated Anomalies v3.0

- During a network discovery with mixed protocol (Televis and Modbus), detected modbus controllers are not immediately displayed in the address table, but only at the end of the entire discovery process. Fixed: modbus controllers are now displayed in the address table as soon as detected during the discovery.
- The backup procedure produce a corrupted file. Fixed.

New Features v2.0

None

Mitigated Anomalies v2.0

- An error occurring during multiple parameter writing. Fixed.
- Layout Designer: cybersecurity improvements.

New Features v1.0

- Introduced a 2-minutes timeout when extracting SFX (Self Extracting Archive) packages (it solved a Windows 10 possible delay caused by Windows Defender).
- Upgrade packages now ignore .sys files too (they caused problems when extracting the SFX packages on Windows 10).
- The update webpage process now accepts a different file type (.zip; .exe).
- Windows 10 released.
- Extended timeout when saving network configuration.

Mitigated Anomalies v1.0

- Fixed a issue that might cause a service restart when data transfer requests are not followed up.
- Sanitized exported .pdf and .csv file names.
- Televis**Go** application cybersecurity actions: upgrade mechanism (.zip files signed by Schneider Electric), prevented Cross-site scripting attacks and Cross-site Request Forgeries, SQL administration.
- Other minor cybersecurity improvements.
- Improved management of special cases of third-party and custom Modbus drivers.
- Improvement in the ModbusTcpConfigurator to correctly load the device custom names from the project.

New Features v0.0

None

Mitigated Anomalies v0.0

The corresponding OS image will also have the vulnerability hotfix.
Solutions for listed vulnerabilities are provided with this patch.

For further information refer to website: “**https://cve.mitre.org/**”.

For **Ultra VNC**:
- CVE-2019-8258
- CVE-2018-15361
- CVE-2019-8259
- CVE-2019-8260
- CVE-2019-8261
- CVE-2019-8262
- CVE-2019-8280
- CVE-2019-8263
- CVE-2019-8264
- CVE-2019-8265
- CVE-2019-8266
- CVE-2019-8267
- CVE-2019-8268
- CVE-2019-8269
- CVE-2019-8270
- CVE-2019-8271
- CVE-2019-8272
- CVE-2019-8273
- CVE-2019-8274
- CVE-2019-8275
- CVE-2019-8276
- CVE-2019-8277

For **Remote Desktop (RDP)**:
- CVE-2019-0708

For **Intel processor**:
- CVE-2018-12126
- CVE-2018-12127
- CVE-2018-12130
- CVE-2019-11091