TruVision Navigator 9.1 Release Notes

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Introduction

These are the TruVision® Navigator 9.1 Release Notes with additional information not covered in the user manual. For the latest information on TruVision Navigator 9.1 go to: https://firesecurityproducts.com/

Overview

This document covers the following:

- Summary of new features and key enhancements
- Summary of bugs fixed

Summary of new features and key enhancements

Settings

- New User Settings feature

  The user can change the password and change the Challenge questions.

- Challenge questions

  The administrator can modify the challenge questions and translate them into the local language of the user.

- Password complexity is increased

  The software allows only medium and high strength password credentials. The low strength credentials are no longer supported. An upgrade path is foreseen for upgrades from previous versions. See the user manual for more information.

- Two-way authentication

  A two-way authentication mechanism is added so that two users need to provide valid credentials. This can be used to access the Settings menu,

playback functions and/or export video. Access can be provided once or for the full operator's session.

- Notifications spam control

  A spam control option was added in the Notifications menu. With this setting enabled there will only be two events (start/stop) for any motion, alarm input, and video loss event.

- Expansion of Event-Actions functionalities

  ▫ Extra actions can be defined, including assigning cameras directly to the Event Monitor, capturing snapshots within a defined interval, and executing PTZ presets.

  ▫ The custom events can also create a notification in the Notifier.

  ▫ The OH events have been added to the selectable events.

  ▫ The active timespan for a trigger of a digital output can be set up.

  ▫ Logical Event Filtering has been removed from this software version.

- Changes in the Client Settings

  ▫ When the number of permitted main streams in the Client menu is set to zero, all streams will be played in substream.

  ▫ It is now possible to hide the tab name when the viewer is in full screen mode

Playback

- Instant access to recorded video:

  A special mechanism has been added in the software that allows instant playback of recorded video from recorders. When instant playback is pressed, the video will be pushed from the recorder's memory to the recorder's hard drive. This then allows immediate play back.

  Caution: It is recommended that this feature is **only used when needed**, because frequent, sequential usage might impact the lifetime of the hard drive.

Other enhancements

- ANPR feature expansion:

  This software version contains various enhancements for the use of ANPR (license plate) cameras.

  ▫ Manage the black/white lists in ANPR cameras and recorders with ANPR cameras

  ▫ Notifier filter for ANPR events

  ▫ ANPR events were added as selectable event in Event-Actions

  ▫ Better search function for ANPR events in a separate Search window

- Extra dewarping possibilities for TVF-520x 360° cameras with an ImmerVision lens:

  The software supports different dewarping views in a separate Viewer. The dewarping views are also added to the TruVision Navigator Player. This feature allows only 360° view to be recorded and to do the dewarping in the software.

- Heat mapping and Intersection analysis have been added for TVF-520x 360° cameras.

  - The Time Heat Map option has been added to the existing heat map feature

  - The options to create a heat map by dwell time or number of people have been added

  For more details, see the Configuration Manual for the cameras and the User Manual of TruVision Navigator 9.1.

- People counting reporting

  Reporting for one or more people counting camera groups has been added. The report can be a bar or a line graph and data may be exported in CSV format for further processing. The report will also show you the total number of visitors per day, week, month or year.

- Transcoding support

  Transcoding is available in some recorders and is now also supported by the software. It allows live/recorded video to be viewed at a lower quality than it is recorded (depending on the recorder model).

  The user can set up the characteristics of the transcoded stream to adapt the stream to the available bandwidth.

  See the User Manual of TruVision Navigator 9.1for the list of supported recorders and how to configure this feature.

- The number of supported recorder relay outputs has been increased to 128 to support the TVN 71.

- A date and tie column have been added in Device Manager for discovered devices.

New device support

- The software supports the new TruVision products: TVR 16 recorders and Series 7 IP cameras.

Summary of main bug fixes

- Fixed an issue with ANPR notifications list type (Black/White/Others) for the TVN 71 recorder series.

- Fixed an issue with temperature display for thermal cameras in the notifications.

- Fixed an issue with camera icons that stay green (= selected) when the Viewer was closed

- Fixed an issue with the time format for French regional settings.

- Fixed an issue with user groups when switching between users while setting up user permissions

Summary of limitations

- Client/Server installation

  If a client/server installation is configured with external certificates for communication, the user must re-configure the external certificates after an upgrade to 9.1.

- Instant playback

  When video is played back and reaches the end of buffered video, playback will stop and not switch back to live video.

- Transcoding

  Transcoding does not work when a supported recorder is added as a generic TruVision recorder.

- Heat map/Intersection analysis

  - Heat map/Intersection analysis for 360° cameras only works for the ceiling mount type and when the camera is added as a device (not when it only added to a recorder)

  - The export of the heat map image and/or intersection analysis may not work properly on low end PCs.

- Dewarping for TVF-520x cameras

  - The aspect ratio of the new dewarp views and the colors of the boxes may not match with the display on the camera's webpage.

  - The "Sphere" view is not supported

  - Dewarping is not supported when the 360° view is shown in the specific Playback Viewer of the software.

  - Dewarp views are frozen during playback at a selected speed, when the user switches back to normal playback speed

  - Firmware limitation of the 360° cameras

    - When the user switches between H.264 and H.265 while doing dewarping, the dewarp view becomes a black screen.

    - Time sometimes freezes during live/playback of a dewarp view

- VCA and motion analytics will not be displayed for dewarp views in TruVision Navigator and TruVision Navigator Player.
- Search for ANPR events
  - When the camera is added as *Device*, the characters that are entered to search for a license plate are case sensitive (same behavior as in the camera webpage).
  - The Search results shows the list type based on the current license plate list the camera or recorder.
  - The Search results might show list type as 'Unknown' when there is no license plate list in the camera or recorder.
- Two-Way Authentication
- Two-Way Authentication does not support LDAP users.

Device Manager

- Enabling DHCP on a camera or recorder may not result in a dynamic IP address selection.
- Client/Server installation
- If a client/server installation is configured with external certificates for communication, the user must re-configure the external certificates after an upgrade to TruVision Navigator 9.1

Contacting support

For help installing, operating, maintaining, and troubleshooting this product, refer to this document and any other documentation provided. If you still have questions, contact us during business hours (Monday through Friday, excluding holidays).

Note: Please be ready at the equipment before calling.

Europe, Middle East, and Africa
W   https://firesecurityproducts.com
Australia and New Zealand
W   https://firesecurityproducts.com.au/

Product documentation

Please consult the following web link to retrieve the electronic version of the product documentation. The manuals are available in several languages.