



## Release Notes

# Yutrafic Office Suite 8.7

Version: 8.7 Release

Release Date: 11/2024

Released by: [Yunex GmbH](#)

	Type	Description
	Hotfix release	Critical Fixes - Immediate installation is recommended!
	Regular Update	Minor fixes/improvements - Installation recommended
X	<b>New Major Release</b>	New major features – Installation optional, but recommended

## Content

- This is the major release of Yutrafic Office 8.7, which provides new functionality and bug fixes. More detailed information can be found in the sections *New Features* and *Fixed Bugs*.
- This version of Yutrafic Office requires a license update.
- Yutrafic Office 8.7 is compatible with Yutrafic Symphony 1.0, Yutrafic VD Server 2.0 and Yutrafic sX up to and including version 3.6.
- Download the general [product brochure](#) via the Yunex Traffic website.

## Installation Hints

- Please run the corresponding installation program. More detailed information can be found in *Installation\_Office\_en.pdf*.
- The familiar tools are available for this version of Yutrafic Office on the [Traffic Tools website](#):
  - Sop6-Migrator – unchanged from Office 8.6
  - SIP-Converter – unchanged from Office 8.6
  - SiMon Compare sX – unchanged from Office 8.6
  - sX Config Compare – updated version
  - compilers for sX controller and simulation – unchanged from Office 8.6

# New Features

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## Combined Layout/Topology Editor

- combines five previously separate editors: intersection topology, layout editor, pedestrian crossings, bus stops, map editor for geo-positioning of traffic light controllers (toolbar in Office main window).
- Integrated creation and editing of all relevant objects.
- Supports layout plans in \*.pdf format and OpenStreetmap online maps.
- Optional input of north arrow and scale via second reference point.

## Configuration sX 3.6

- Extension of the maximum number of PT directions from 32 to 64 for sX 3.6 with PDMx 3.7 and KERNx 3.8.
- Definition of external VA methods (OMTC and TRELAN/TRENDS) in the sX supply: *sX advanced v3.6.0 -> Master data -> External VA procedure*
- New additional role *Customer* for sX remote supply with Office.
- Supports editing of user parameter instances via the sX Web UI for PDMx.  
**Please note:** Pre-existing configurations must be updated to sX 3.6 and be imported into the controller.

## Configuration MAP

- Import of MAP files in the formats \*.xer (Yunex Map2X) and \*.xml.
- Supply of sX 3.6 and thus also of any connected RSU.
- Manufacturer-independent supply via OCIT-C Export and VD Server.
- **Please note:** The OCIT-C checksum for block 5 (map) is currently only visible on the Yunex VD Server UI.

## Docx-Documentation Printout

- Extension of the documentation printout to include supply data and the reporting point list.
- Automatic adjustment of the table width to content.
- Own table formats for signal programs and phase transitions.
- For more detailed information, see *Office\_Printing\_Manual\_en.pdf*  
**Please note:** Adapt your own format templates if necessary.
- Optional generation of \*.pdf file without Microsoft Word.

## General Improvements

- Office main window shows tiles and instance lists for all object types (e.g. signal programs).

- Copy & Paste for public transport directions and parameter instances, regardless of controller type.
- Auto-updates can be switched off via: *Office Profile -> Update Settings*  
**Please note:** Nevertheless, we recommend to check for updates regularly, as these may contain important bug fixes.
- Improved input of reporting point numbers. Customization of name/short name via *Tab*.

## Configuration sX 3.6 with 100ms

- With Office 8.7, intersection versions with a system pulse of 100ms can be created for sX 3.6. Activation procedure is provided upon request.
- These intersection versions could also be imported into Office 8.4, 8.5 and 8.6 by exchanging \*.sop files.  
**Please note:** The use of intersection versions with a system pulse of 100ms is not supported for older Office versions 8.4, 8.5, 8.6 and controller types other than sX 3.6. Proper handling is the responsibility of the user.  
**Please note:** The use of the feature for planning and configuring 100ms needs to be requested and activated separately.

## TA Features

- With sX 3.6, TA the components PDMx 3.7 and KERNx 3.8 are available for direct processing of SREM/SSSEM based on MAP.
- The corresponding logic commands are listed in the category *SREM\_SSSEM* of KERNx 3.8.
- Reading measurement values provided by *Advanced Perception* is supported by the TL-command *ApWertLesen*. The command is in the *Communications* category of KERNx 3.8.
- Office 8.7 supports VS-Plus 9.1 for sX 3.6. The corresponding TA component is VSPx 3.7.  
**Please note:** The TA-library is available on request
- The components VSPx 3.7 (VS-Plus 9.1) and VSPx 3.6.1 (VS-Plus 9.0) support a maximum of 96 signal groups for the sX controller.  
**Please note:** Generally, if more than 64 signal groups are used, still project-specific approval by the controller product manager is required.
- PDMx 3.7 provides the new command *SG\_VTK*, which returns the software partial intersection of a given signal group.

# TA Components

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## New Components

- PDMx 3.7
- KERNx 3.8 for 100ms, TL-commands for SREM/SSEM
- VSPx 3.7 for VS-Plus 9.1
- STRIDEx 3.8 for 100ms
- NORRAx 3.6 for 100ms

## Components delivered with Office

Between the releases of the major versions of Office, TA components were also released separately. These components are now delivered as part of Office 8.7.

- FUSIONx 1.0 and FUSIONe 1.0  
Standardized logic of the local FUSION TA, including special AP values.
- KERNx 3.07.0.9  
CAS-220668-M2C6Z0 sX controller gets stuck when signaling the switch-off stage transition
- KERNx 3.06.2.8  
New TL-function SgInfo: Return the partial intersection number of a signal group.
- KERNx 3.06.1.5  
FP34278: KERNx 3.06.1.4, Function SG\_BEEINFL\_LESEN\_AL() returns the wrong result  
FP34020: Error in sX\_Kernx\_V3.06.01.01  
FP34095 SG\_BEINFL\_LESEN\_AL doesn't work correct with Kern 3.6.1  
FP34053 File system upper level exceeded on sX  
FP34227 K105 Belgrad Motion problem Error 211 parameter 3,40,2,0,0  
without FP: AP-value for giving feedback from TA to RSU was renamed to *RSU\_RSP*
- SL4sX 3.05.0.5  
TL-commands: IV\_ANFO\_DET\_SG\_AL and IV\_ANFO\_DET\_LOESCHEN, provide a new demand-trigger and also a corresponding reset-function  
AP-value: STNrTk1 to 4, indicates the currently running stage transition  
Optimization for MOTION: SIPL\_NR() -> returns the actual structure number, e.g. 21/22  
FP34374: Invalid error message in *SimTagebuch* with Kern-Version 3.6.1.5  
without FP: abMarken Index starts at 1 instead of 0
- VSPx 3.07  
Corresponds to VSp 9.1 and is available as of sX 3.5.
- VSPx 3.06.0.6  
Corresponds to VSp 9, supports VSp Special Interventions und *Bedarfsanlagen*. This version is available as of sX 3.5.
- VSPx 3.05.0.9  
Corresponds to VSp 8, provides bugfix for CAS-132762-Q3N0J3 sX: Problem when setting partial intersection 4 to BLINKING. This version is available as of sX 3.2.

# Remarks

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## Compatibility

- Currently (as of August 2024) Office 8.7 is only released with Symphony 1.0. Information about a possible later release for Scala 8.1.1 and 8.3.1 will be provided separately.
- In existing TE server installations, Office 8.5 and 8.6 can be replaced by Office 8.7.  
**Please note:** It is not possible to mix different Office versions within the same TE server system.
- With Office 8.7, \*.sop files can be exported as *Current Version* and imported into Office 8.4, 8.5 and 8.6.  
**Please note:** When exporting the \*.sop file, please ensure that the controller version and TA components are also present in the older Office versions.
- HBS2001 has been deactivated for signalized intersections and replaced by HBS 2015.
- The official product name of this version is *Yutrafic Office 8.7 Release*. Possible subsequent service packs and hotfixes have the *designation Yutrafic Office 8.7-Update x*. The three-digit technical version number (e.g. 8.7.y) is equivalent to this, but is only used internally and is independent of the number x of an update/hotfix.

## Planning Editors

- The new signal program editor has new validations for the on/off signal programs. The actual behavior of the controller depends strongly on the specific type, the parameterization, and the application of the respective guidelines. Therefore, Yutrafic Office performs a generalized check based on the selected guideline. In some cases, the actual controller behavior might be different.
- For C800 controllers, there is the so-called SIPCO parameter in the old signal program editor. In order to achieve a clearer separation between planning and system data, the parameter has been removed from the new signal program editor. This applies to all C800 versions that are fully integrated in Office. The parameter is now available under:  
*My intersection version -> System data*  
*-> C800V v5.0.0 -> Central -> BEFA Definitions*  
**Please note:** Even since Office 8.6, the SIPCO parameter is visible in the old signal program editor but can no longer be edited there.
- To use the \*.pdf printout for signal programs and phase transitions, please activate the old version of these editors:  
*Settings -> Options -> Function switches*  
**Please note:** The use of the old phase transition editor must be requested and activated separately.

## Known Problems

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- The switchover-check of the new signal program editor does not fully cover the following case: Different signal sequences for a signal group in source and target signal program.
- An updated SiSi template for EC SISI v4.0.0 for C900 controllers was delivered with Office 8.5. As a result, a dialog prompting you to update the supply appears during certain work steps in Office.

## Maintenance

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Updates (e.g. hotfixes or service packs) are available on the [Traffic Tools website](#). We recommend checking regularly for new service packs, hotfixes or product releases. This also applies to externally sourced 3rd party software (e.g. HASP dongle drivers or Microsoft components).

## Training

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Training courses can be booked via the [Yunex Traffic Academy](#). In particular, product-related courses on Yutrafic Office are available.

## Support

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- E-mail: [support-center@yunextraffic.com](mailto:support-center@yunextraffic.com)
- WWW: <https://customerportal.yunextraffic.com/de-DE/>

# Fixed Bugs

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## Office

CAS-291452-R6Z1V6: Not permitted sX SiMon configuration  
CAS-291134-Q7M3C7 - Missing STK Number in PDOC Print-out  
CAS-285203-X9L3C6: Missing Sova for imported Configuration is not highlighted  
CAS-284483-J4S6T3: Signal-Mask for Bicycles shows wrong Direction  
CAS-277303-C4Y9B0 Exception when opening JAUT  
CAS-276212-W4B9Y7: Modulnummer bei DragnDrop Plusmodulbelegung  
CAS-274730-M3G6X5 Office error while try to load program sx  
CAS-274301-K0R9L7: Correct power threshold for 24V sX (SBP 274301)  
CAS-269443-V9W9Z0: Error when Importing some old \*.sop into Office 8.6  
CAS-268851-D0Q5F5: SitrafficOffice - Lageplan lässt sich nicht anpassen  
CAS-263384-D6L9C0: SOP6 cannot be imported (263384)  
CAS-262565-B2N1C7: Netz/ZWD-Planung stürzt immer wieder ab  
CAS-256252-B5J1S0: Checksummenblatt drucken/anzeigen  
CAS-249505-Y0L8X3: RMP-OIVD Region Stuttgart (OCIT-XML- Format von Office passt AVT nicht)  
CAS-249211-W0D3M1 - OCIT- /OIVD-File from Office for AVT-Central  
CAS-248419-M8T4N5: Crash of signal programm editor  
CAS-243433-X5D1P8: Signalprogramm Kontextmenü  
CAS-241698-Z7S4F7 Clearing paths of pedestrian crossings not automatically transferred  
CAS-241814-H6Y7T1: Import of 8.4 project into 8.6 failed (SBP 241814)  
CAS-236984-W6W3V0: Toggle check crashes new signalplan editor  
CAS-235898-H7J1R4: New signalplan editor crashes  
CAS-229706-K5W9W6: It is not possible to change the permanent signals in the signalplan editor  
CAS-228922-C5W4J2: Darstellungsfehler im Phasenübergangs Editor und Signalplan Editor  
CAS-227673-K4Q8L0: Object reference is not set to an instance of an object  
CAS-205722-S8Q6R8: HBS-Berechnung Linksabbieger falscherweise als Rechtsabbieger  
CAS-189658-R3Y4Y3: PÜ-Editor - Reservezeiten nicht angezeigt  
CAS-170702-Z7B0Q3: O8.4 - O8.5+ issue with Map-Coordinates  
CAS-147452-N8F1R3: Change of lock colors in stage transitions  
CAS-154984: sX critical error in properties  
CAS-148287-B8C5R5: Falsche HBS-Umrechnungsfaktoren in der Default-Vorlage  
CAS-148298: Faulty reference to a TA variable  
CAS-146525-C9Y1K5 - sX-Plus SiSi Parameters added without Reason  
CAS-141381-D0R0R4 Problems with configuration of Signal monitoring for a C920ES  
CAS-139985-X2Z1K5 Channel assignment sX Plus controller  
CAS-138925-G1J8H1: Problems during sxa-file export  
CAS-130661-B0Y0N9: English messages during import of SOP6 file  
CAS-132553-L6B9H5 - FP35559 User name is shown in Office although he was absent  
CAS-132550-K4R5J1 - Error message at amber lamp monitoring for Blindes on amber channel  
CAS-132277-M4W2Q6 - FP31651: sX remote supply via Sitraffic  
CAS-132278-R6S7W3 - FP31780: Office "Schutzblinker" wrong Warning and wrong Error Message  
CAS-132509-S6T5R7 sX 3.3.1.3 "Offset time failure" without a problem  
CAS-132465-R1D1D8 - FP34368: Module address will not be copied at outputs  
CAS-132426-W4D4H9 - SIMO transfer from one Version to another.  
CAS-132411-N2W4M6 - FP33760 Messages in comparison  
CAS-269538-G6K4F6 - SPE: Office stürzt ab nach einer hohen Anzahl von Änderungen  
CAS-301610-W2P5C9: Wrong display of Intergreen- and Reserve times  
CAS-255899-S3Z6J8: Office Ausschaltfolge mit dunkel fehlerhaft (neuer SP-Editor)  
CAS-302027-G9D0W7: Assignment Editor - Assignment of Fixed Time Plans  
CAS-313705-D1R3B6 - Normal - SP Editor öffnet sich nicht (C800)  
CAS-249213-N4R0Z0 Fehler bei Umschaltprüfung (Ausschalung Sp3)

CAS-313912-F0W5S6: Office korrupte Version, Phasendefinitionen lassen sich nicht öffnen  
CAS-313737-S9T6T7: The order of Tiles and Groups in Office main Window changes  
CAS-314050-F1D0K4: Umschaltprüfung für alle SP startet nicht  
CAS-290450-F9H0M0: Improvement of new signal programme editor  
CAS-314953-T0T7M7: Unvollständige Markierungspfeile im SP-Ausdruck  
CAS-308821-J2Q4S7: Overflow Error when opening Signalgroup Editor and JAUT

## Amber Lamp Monitoring

The error message for amber lamp monitoring during the data check has been downgraded to *WARNING*.

**Please note:** The user is still responsible for employing the correct monitoring type.

- CAS-132420-C8K6K3 - FP33832 Yellow lamp monitoring error without monitoring request
- CAS-132357-Q8C0T1 - FP33101 Amber lamp monitoring is faulty (SBP 132357)
- CAS-132550-K4R5J1 - FP35535 Error message at amber lamp monitoring for Blinds on amber channel

## TA Components

CAS-285652-C8C3D9: Funktion "Import von FESA Daten" für sX-Geräte funktioniert nicht  
CAS-256045-N4N6J1: Sg in PÜ wird fehlerhaft geschaltet  
CAS-262576 IP1169 (PI2) - pedestrian crossing with unusually long green times  
CAS-220668-M2C6Z0 sX Gerät bleibt beim Ausschalten im Ausschaltphasenübergang hängen  
CAS-195921-P2S0M2 C9xx wrong feedback for signal group blocking time query  
CAS-187534-M0K7L9 sX-VA-Warnung nach Fernversorgung  
CAS-172156-D6C7W6: Steuergerät sX3.4.1. Teilknoten können nicht zu unterschiedlichen Zeiten