

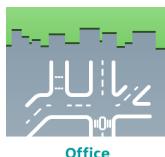
# Yutraffic® Office Suite 8.6 – Release Notes

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Version: **8.6 Release**

Release Date: **04/2023**

Released by: [Yunex GmbH](#)



**YUNEX**  
**TRAFFIC**

	Type	Description
	Hotfix release	<b>Critical Fixes</b> - 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

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- This is the major version of Yutraffic® Office 8.6, providing new features and functionality. Please refer to 'New Features' for details.
- Yutraffic® Office 8.6 is compatible with Scala 8.3 and sX up to version 3.5.

## Installation Hints

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- Please run the corresponding setup executable. Please refer to the installation guide for details.
- This version of Yutraffic® Office requires no license update, if a license for Office 8.5 is used already.
- This version of Yutraffic® Office is accompanied by the usual Traffic Tools, available on the [traffic tools website](#)
  - Sop6-Migrator
  - SIP-Converter
  - SiMon Compare sX
  - **NEW:** sX Config Compare

# New Features

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## New combined Signal Program Editors

- Improved validations of min-, intergreen- and offset times
- Improved auto-generation and default-settings for allowed color sequences
- Improved conversion between stage-based and signalgroup-based signal programs
- Integrated editing of stage-based signal programs
- New stage-based auto-generation of signalprograms
- Filtering of INFO-messages based on selected validations

## Improved Stage Transition Editor

- Docx Page-preview print-out available
- Opening of stage-transition instances now also possible from detailed-view
- Filtering of INFO-messages based on selected validations
- Auto-generation of short-names in case of renumbering of stages

## General Improvements

- Stage sequence validation of Min- and intergreen-times in combined stage-editor
- Multiple improvements for the new generation of editors (e.g. zoom +/- via shortcut or timestamp for last user/last change)

## Planning/Docx Documentation

- User-defined columns for print-out of signal programs and stage transitions
- User-defined visualization of signal-patterns
- Improved integration of the description text-box
- New option for DocX print-out of configuration data and print preview in the editor windows
  - activation via: *Settings -> Options -> Feature toggle*

## Supply of sX 3.5

- Enhanced number of SiMon-Dependencies to max. 40
- New option for filtering R09-telegrams with line/route = 0
- Showing additional data at sX Service UI for identifying configuration data
- Support of CADS-board (volt free relay)

## Improved Channel Assignment Editor

- Assignment of signal heads, inputs and outputs for the sX plus modules via drag&drop
- Enhanced validations for sX PLUS
- Docx print-out of channel assignment with outputs and inputs for sX Plus
- Docx print-out of channel assignment with Signal head name und terminal number

## Support of the new Yunex VD-Server

- Export of controller configuration data according to OCIT-C 2.0
- Direct interface with new Yunex VD-Server

## sX Config Compare Tool

- New functionality for comparing two sX-configurations with respect to traffic-control-relevant data
- Also available as stand-alone tool on the [traffic tools website](#)

## New TA-Components

- PDMx 3.06.00.12
  - New TL-Commands "SG\_Bem", "SG\_Anfo", "SG\_Farbe\_Phase", "SG\_Zustand\_Phase", "Betriebsart\_Signalplan"
  - New TL-Variable "Direkt\_Ausschalten", "Ignor\_EinschaltPHA"
- KERNx 3.07.00.03
  - New TL-Command "SgInfo" (Hardware partial intersection as return value)
  - TL-Command "TX\_LADEN" now also works in simulation
  - As of sX 3.5 the TL-Command "DET\_LESEN\_AL" provides the well-known values DA, DB, DC and DD
- Mx4sX 3.05.00.06
  - released already separately, now shipped with Office 8.6
- VSPx 3.06.00.00
  - corresponds to VSp 9, previous versions up to VSPx 3.5 correspond to VSp 8.
  - supports VSp special interventions and *Bedarfsanlagen*. Please refer to "Notes" for more details.
  - requires sX 3.5
- STRIDEEx 3.07.00.00
  - bug-fix version. Please refer to Notes for more details.

## Notes

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### Compatibility

- In existing Scala 8.3 installations Office 8.5 can be replaced with Office 8.6.  
**Please note:** Mixing of Office-versions within the same Scala-/TE-Server installation is not supported.
  - Please make sure, all Office-clients have the same version.
- Please note to have a full support of the tools used for legacy TA compilers and updating the licenses on a dongle, it is necessary to have installed the dongle runtime of version 8.31 or lower.  
**Please note:** drivers required by these tools are not part of the newer versions of this runtime.
  - The installation of the dongle runtime in the version 8.31 is included in the base installation of Yutraffic Office.
- Office 8.6 supports a new compiler for the sX controller (GNU Compiler 2.0).  
**Please note:** As of sX version 3.5 using the new compiler is mandatory.
  - Download via [traffic tools website](#) available.
  - Define path to compiler in Office via: *Settings -> Options -> Paths -> select "Sitraffic sX*

*(GNU Compiler 2.0)"*

- o With Office 8.6 \*.sop files can be exported as "Current Version" and imported into Office 8.4 and 8.5.  
**Please note:** When exporting the \*.sop file, please ensure that controller- and TA-components are also available in the older Office-versions.

## Editors for Intersection Planning

- The new signal program editor provides a set of new validations for the switch on/off programs. The actual behavior of the traffic light controller highly depends on the controller type, configuration data and the application of the respective guidelines. Therefore Yutraffic Office provides generalized validations of planning data. In some cases, the actual controller behavior might be different.
- For C800 controllers, the old signal program editor provides the so-called SIPCO-parameter. For having a clear separation between planning and system date, that parameter has been removed from the new signal program editor. Now it's available under: *My Intersection Version -> System Data -> C800V v5.0.0 -> Control center -> BEFA definitions*  
(This is relevant for all C800 versions that are completely integrated into Office)  
**Please note:** Also with Office 8.6 the SIPCO-parameter is still visible in the old signal program editor, but can't be edited there anymore.

## VSPx 3.06.00.00

- The corresponding \*.sova file is provided separately upon request or is available on [Sharepoint](#)
- VSp-Special-Interventions are supported for traffic-stream numbers ranging from 10-40.

## STRIDEx 3.07.00.00

There is no direct migration by switching to the lastest component. We propose the following procedure for upgrading from STRIDEx 3.06 to 3.07:

- For already existing configurations, we recommend to use STRIDEx 3.06 for backward compatibility.
- The range of the Masker-parameter is limited by the known bug.
- For newly created configurations or configurations migrated from C900, we recommend to use STRIDEx 3.07.
- The range of the Masker-parameter is not limited by the bug here.
- For updating from STRIDEx 3.06 to STRIDEx 3.07 we recommend to export parameters as \*.vag or \*.par files from STRIDEx 3.06 and import them into STRIDEx 3.07.
- We recommend to manually check parameters for Masker-parameter afterwards and swap Hi/Low Word, if necessary.

## Known Issues

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- For PDMx 3.6 there is no Mx4sX component available yet.
- For using the legacy \*.pdf print-out for signalprograms and stage transitions, please switch to the old version of these editors: *Settings -> Options -> Featuretoggle*
- The toggle-check of the new signal program editor doesn't cover the following case completely:  
Different signal-sequences for a given signal group in source and target signal program. This issue will be fixed in subsequent releases.

## Yunex SOC (Service & Operation Center)

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Business hours: Monday - Friday: 08:00 till 16:00 CET

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E-mail: [support-center@yunextraffic.com](mailto:support-center@yunextraffic.com)

WWW: <https://customerportal.yunextraffic.com/en-US/>

## Fixed Bugs

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Ticket	Internal ID
FP35726: It is not possible to open the stages & stage transition editor	OFFP-6109
FP35727: Stage definition Stage layout issue - <b>Please note:</b> This is a change request	OFFP-6121
FP35849: Show last user and last change within the properties of stage, stage sequence & SIStageData - <b>Please note:</b> This is a change request	OFFP-6205
FP35434: Error in stage editor and stage transition editor	OFFP-5937
FP34009: After a signal plan calculation in the stage sequences, the node version can no longer be opened.	OFFP-5190
FP33391: When saving the user data in Office 8.4, a new tab is always inserted	OFFP-4918
FP35161: Error in the Office manual: Stage transition description is faulty, Chapter 4.2 Manage user is obsolete	OFFP-5865
FP35169: S-Le\Assignments Deactivation stage transition automatic transfer into TA assignment	OFFP-5864
FP35662: Planning documentation - signalprogram switch time shifted	OFFP-6050
CAS-147452-N8F1R3: Change of lock colors in stage transitions	OFFP-6507
CAS-148287-B8C5R5: Wrong HBS-Conversion Factor in Default-Templates	OFFP-6487
CAS-189658-R3Y4Y3: Stage Transition-Editor – Reserve time is not visualized	OFFP-6817
CAS-139985-X2Z1K5: Channel assignment sX Plus controller	OFFC-3234
FP35926: Stage definition O-Nr. GV	OFFC-3086
FP35938: sX Plus with 10V Lamps: Hermes Export not possible - <b>Please note:</b> requires new version of the Hermes tool	OFFC-3047
FP35459: English autocomplete in German PDMx logic	OFFC-2843

FP33874: Newly created function is created in locked component	OFFC-2378
FP33941: Error importing XML files in Sitraffic Office	OFFC-2104
FP33947: VA logic Move columns to the front for variables does not work	OFFC-2106
FP35346: User logic: wrong assignment of objects	OFFC-2836
FP30995: Unnecessary Error Message about O-Nr Basic Supply	OFFC-2645
FP35423: Hidden changes after a intersection version copy	OFFC-2737
FP35475: Select project	OFFC-2780
FP34843: 30509, 29818: For sX there is a Communication Error reported due to some space-Character in Customer Name	OFFC-2818
FP35332: sX problem with partial intersection 4 switch off	TA-2404
FP34737: Display Waiting Time_VS does not work in Service GUI (twVS)	TA-2133
FP34374: SimTagebuch error message with Kern-Version 3.6.1.5	TA-2018
FP34334: Wrong results for TL-command RAHMEN_PARA_LESEN() in PDMx library	TA-1995
FP34278: KERNx 3.06.1.4, TL-command SG_BEEINFL_LESEN_AL() gives wring results	TA-1950
FP34227: K105 Belgrad Motion problem Error 211 parameter 3,40,2,0,0	TA-1926
FP34133: TA-Messages of TL-command ZEITWERT_IN_ZEITBEREICH is wrong	TA-1877
FP34053: File system upper level exceeded on sX	TA-1808