

SWARCO
OMNIA 3.19 – 3.21
RELEASES NOTES



Title: **Releases Notes OMNIA 3.19 – 3.21**
Date: 2021-03-11
Version: 2

A publication of: DevOps & Testing

SWARCO MIZAR S.R.L.
Via Nizza, 262/57 - 10126 Torino (Italy)
Tel: +39.011.6500411
Fax: +39.011.6500444
www.swarcomizar.com

Contact:
SWARCO MIZAR Office
office.mizar@swarco.com

All rights reserved
Reproduction in whole or part, in any form, without the written consent of the copyright owner
is prohibited.

CONTENT

1	About this document.....	4
1.1	Purpose of this document.....	4
1.2	Intended Audience.....	4
1.3	References	4
1.4	Versions.....	4
1.5	References	4
1.6	Abbreviations and Acronyms.....	4
1.7	Template Version History	5
2	Software Release Description	6
3	Releases Content - Log.....	6
3.1	Release 3.19 New	6
3.2	Release 3.19 Fixed.....	6
3.3	Release 3.20 New	7
3.4	Release 3.20 Fixed.....	7
3.5	Release 3.21 New	8
3.6	Release 3.21 Fixed.....	9
4	Releases Content – Summary	10
4.1	Release notes 3.19.....	10
4.2	Release Notes 3.20 – 3.21	12

1 About this document

1.1 Purpose of this document

This document describes the release notes for the following software:

- **Product:** OMNIA
- **SW Versions:** 3.19, 3.20, 3.21

1.2 Intended Audience

This document is intended to be used for distribution.

1.3 References

Author(s)	Marzia Selmo
Verified	Giuseppe Caramazza, Gianni Canepari
Distribution List	
File Name	Release Notes OMNIA 3.19-3.21

1.4 Versions

Version	Date	Description	Author(s)
01	2020-12-23	First issue	Marzia Selmo
02	2021-03-11	QA/QC	Giuseppe Caramazza

1.5 References

Ref.	Title / Publisher / Url	Version
[1]		
[2]		
[3]		

1.6 Abbreviations and Acronyms

Abbreviation	Description

1.7 Template Version History

Version	Date	Description	Author(s)
01	2017-09-05	First Emission	Valentino Giovanni Massimo Veneziano

2 Software Release Description

The current software release is described respectively:

- Releases content – change log
- Release notes – summary

For the following OMNIA releases:

OMNIA 3.19

OMNIA 3.20 – 3.21

3 Releases Content - Log

The following paragraphs list the release contents change log in terms of new functionalities and bug fixed.

3.1 Release 3.19 New

Issue key	Issue type	Summary
C1233-882	Feature	Asset Manager: asset data alignment extensions
C1233-974	Feature	Asset Manager: signal groups manage device already present in the platform
C1296-1	Feature	B2X: iVRI Dispatcher delivers SPATEM messages to TLEX
C1233-920	Feature	Event Configurator: localization icon added on main data tab
C1233-248	Feature	Logbook-User Activity Report: VMS Brightness Manager commands added
C1233-951	Feature	Map View: allow to set default measurement layer legend

3.2 Release 3.19 Fixed

Issue key	Issue type	Summary
C1233-967	Bug	Backend services: unexpected high memory consumption (RAM)
C1233-940	Bug	Command Panel: wrong commands sending for Lock & Trim
C1185-101	Bug	Corridor View: label is not visible under icons
C1185-103	Bug	Corridor View: objects added to the corridor map cannot be removed
C1185-239	Bug	Corridor View: sign popup windows can open almost completely outside the current view
C1185-107	Bug	Corridor View: user with no access to Corridor View can delete it
C1185-116	Bug	Corridor View: VMS popup shown almost completely outside the main window
C1185-104	Bug	Corridor View: when unblocking a layer tooltips from other layers should be disabled
C1233-1077	Bug	Event Management: event not editable
C1233-913	Bug	Event Overview: "valid" column is not working

Issue key	Issue type	Summary
C1233-914	Bug	Event Overview: refresh function recovers the initial column situation
C1233-184	Bug	Event Overview-Event Report: event windows have empty operator name
C1233-968	Bug	Genetec Storage: make blue dates selectable and enable video playback on selected date.
C1233-932	Bug	Notification widget - Event Configurator: wrong list of assignable users
C1347-3	Bug	Strategy Manager: doesn't retrieve the list of plans
C1233-96	Bug	System Configurator: VMS style not managed for virtual units
C1233-965	Bug	System Overview: traffic light controllers are suddenly set with diagnostic status NO INFO
C1233-1074	Bug	System Settings: user rights are not properly managed
C1185-113	Bug	User Activity Report: missing log information for VMS scenario/multimessage
C1120-39	Bug	VMS Layout Editor-System Configurator: icons not available for new VMS
C1233-680	Bug	Web Desktop: missing translations
C1233-1116	Bug	Web Desktop: notification side bar is overloading IIS

3.3 Release 3.20 New

Issue key	Issue type	Summary
C1233-1019	Feature	Event Configurator: add function to avoid assignment restrictions
C1233-564	Feature	Event Configurator: event-type/event-subtype management
C1233-749	Feature	Event Configurator: manage lane selection from outside
C1233-865	Feature	Event Configurator: new event parameters management
C1233-1002	Feature	Event Overview: the toolbar doesn't respect OMNIA look and feel and tooltip missed
C1233-1033	Feature	Event Report: report generation with created HTML template
C1233-687	Feature	Genetec Storage: MP4 video download feature added
C1233-846	Feature	SCATS Monitor: asset alignment on OMNIA
C1233-988	Feature	VMS Message Library: search tool/filter implementation for online messages
C1185-96	Feature	VMS Status Report: VMS content exporting

3.4 Release 3.20 Fixed

Issue key	Issue type	Summary
C1233-1031	Bug	Command Panel: full view and scroll view window problem
C1233-1064	Bug	Corridor View: layer switcher description width too short
C1233-1058	Bug	Corridor View: network state button error
C1185-94	Bug	Corridor View: object tooltip not disappearing when device layer in edit mode

Issue key	Issue type	Summary
C1185-102	Bug	Corridor View: RWS objects are not editable before saving
C1185-238	Bug	Corridor View: sign popup content windows sometimes don't open; some icons are unresponsive
C1185-115	Bug	Corridor View: tooltip resize percentage is sometimes lost when editing the sign again
C1185-237	Bug	Corridor View: while trying to pan the view with mouse, panning gets stuck with all tooltip content highlighted
C1233-1035	Bug	DMS: unable to add/delete VU for the new layout
C1233-981	Bug	Event Configurator: relating to Incident Report increase the maximum number of characters for the "Large description" field and add the export button
C1233-1015	Bug	Event Model Configurator - Event Configurator: to align common fields for both windows
C1233-1065	Bug	Event Overview: links are not displayed
C1233-1067	Bug	Event Overview: rollback on merged events is not working
C1233-998	Bug	Genetec Storage: edit bookmark button to be unified
C1233-999	Bug	Genetec Storage: edit window, wrong "edit" button
C1233-1099	Bug	Genetec Storage: error appears when opening window
C1233-1059	Bug	Map View: alarm description missing in environment sensor pop-up in case of manual alarm
C1233-983	Bug	Map View: camera list not retrieved
C1233-1021	Bug	Map View: for paths, the pop-up window is not displaying the Speed and Travel Time values
C1233-1022	Bug	Map View: incorrect information in the environmental sensor pop-up
C1233-1080	Bug	Map View: slow performances to improve
C1233-1081	Bug	Omnia Desktop: user session logout after a while
C1233-1020	Bug	Search Tool: hide minor path
C1233-977	Bug	Signal Group Diagram: missing data in OMNIA database
C1233-975	Bug	Signal Group: cropped text in maximized view
C1233-994	Bug	Strategy Manager: control point empty data
C1233-1032	Bug	System Overview: cameras status not available
C1233-946	Bug	Traffic Data: measurements around midnight are incorrectly presented on the GUI
C1233-1073	Bug	Video Player: active ptz commands using keyboard arrows in a text box
C1233-985	Bug	VMS Message Library: the possibility to edit a sequence message starting from single messages in the library is not more possible
C1233-1116	Bug	Web Desktop: notification side bar is overloading IIS

3.5 Release 3.21 New

Issue key	Issue type	Summary
C1328S-2	Feature	ARPAV environment data (www.arpa.veneto.it) integration
C1233-1110	Feature	Asset Manager: inserting a detection unit shall load the classified measurement

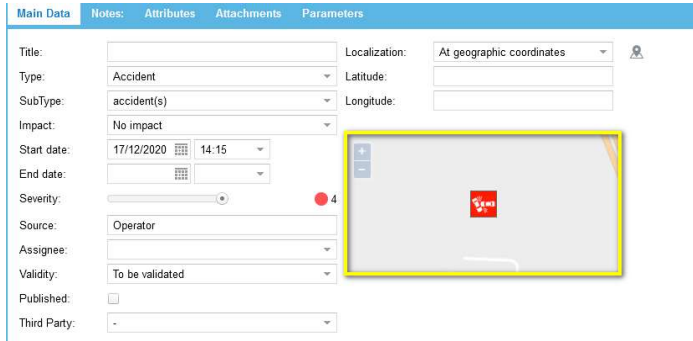
Issue key	Issue type	Summary
C1233-1096	Feature	Control Panel: new "Active Users" function
C1233-796	Feature	EAMS: asset overview and asset details management implementation
C1328S-4	Feature	Parking camera data integration with SIRI Parking Sign Manager
C1233-1124	Feature	Possibility to configure the historical network data retention to desired values
C1233-795	Feature	Service Request Overview and Service Request monitoring web interfaces implementation
C1233-1048	Feature	Sign Content Editor: enhance readability of text block when editing
C1328S-6	Feature	SIRI SM next departure and journey time integration
C1328S-5	Feature	SIRI SM next departure integration with APS Parking Sign Manager
C1328S-1	Feature	TomTom Route Monitoring service data integrated in OMNIA to extend path management
C1233-1011	Feature	VMS Message Library: possibility to create a free sequence with approved messages library
C1233-988	Feature	VMS Message Library: search tool/filter implementation for online messages
C1328S-3	Feature	VMS Parking: parking available places count and minutes countdown to next tram departure displaying
C1233-1095	Feature	Web client tracking over a proxy server like nginx supporting the X-Forwarded-For header integration

3.6 Release 3.21 Fixed

Issue key	Issue type	Summary
C1233-1111	Bug	Asset Manager: inserting a detection unit duplicates the device type field
C1233-1145	Bug	Command Panel: missing control parameters in action lists
C1233-1142	Bug	Command Panel: scheduling parameter disappear
C1233-1070	Bug	Corridor View: impossible to recover a collapsed arc
C1233-824	Bug	Omnia Server: registry alignment no more working after stored procedures update
C1233-652	Bug	PTV adapter: abnormal memory usage
C1233-1084	Bug	Status Report: button not visible
C1185-242	Bug	Strategy Manager: rejection issues
C1233-1074	Bug	System Settings: user rights are not properly managed
C1233-990	Bug	VMS Message Library: create message snapshot preview (little preview + big preview) with mouseover
C1233-984	Bug	VMS Message Library: message title not visible if too much long
C1233-986	Bug	VMS Message Library: scroll bar positioned in a wrong place

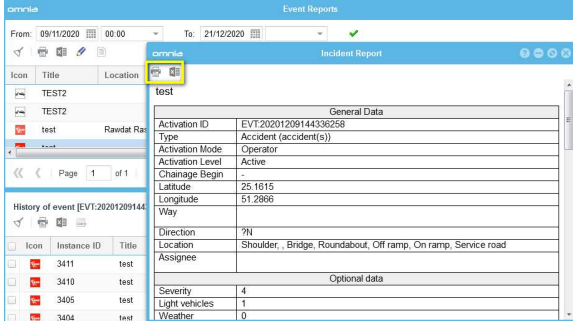
4 Releases Content – Summary

4.1 Release notes 3.19

Automatic Asset Data alignment	
	The microservice Asset Manager now allows the complete automatic alignment (add/edit/delete) of the following asset types: Traffic Light Controllers, Traffic Detectors, Traffic Signals, Stages, Subsystems; this feature will improve asset management performances.
Event Configurator: new geo localization management	
	In the Event Configurator, in the “Main Data” tab is now possible to display directly on a portion of the map, the icon related to the incident subtype selected in the proper form field. The tile of the map will display exactly the geographical position when coordinates are properly set. 
User Activity Report: new VMS commands management audit	
	OMNIA Logbook keep trace of the following commands relating to VMS managements: - VMS insert - VMS update - VMS delete - Enable/disable automatic VMS brightness adjustment - operator brightness adjustment

Map View: network layers management improvement	
	It is possible to configure the choice of which measurement and which sample to be displayed when switching on measurement layer on Omnia Map View. It means that measurement types can be configured in the data base and will be shown in the desired order in the drop-down list in the network status layer in Map View
	
B2X:	iVRI Dispatcher delivers SPATEM messages to TLEX

4.2 Release Notes 3.20 – 3.21

Event Management	
	Event Configurator: event-type/event-subtype management for predefined events according DATEX-II protocol; assignment restrictions removed for users different from assignee; new event parameters tab to manage event's optional data and affected lanes.
	Event Overview: toolbar look and feel reviewed according to new graphical guidelines.
	Event Report: new report generation (html format exportable in excel file) provided to displays the details of events  The screenshot shows the 'Event Reports' window. On the left, there's a list of events with columns for Icon, Title, and Location. The main area displays a detailed report for a selected event, including 'General Data' (Activation ID, Type, Activation Mode, Activation Level, Chainage Begin, Latitude, Longitude, Way, Direction, Location, Assignee) and 'Optional data' (Severity, Light vehicles, Weather).
Video storage functionalities	
	Genetec Storage: MP4 video download feature.
VMS management:	
	Status Report: VMS content exporting (gif image).
	VMS Library: Search tool/filter provided for online messages; new multi library message function: possibility to create a free sequence with approved messages library.
	VMS Parking: Parking available places count and minutes countdown to next tram departure displaying.
Automatic Asset Data alignment	
	The microservice Asset Manager now allows the complete automatic alignment (insert/update) new detection/detector

Network data management:	
	Possibility to configure the historical network data retention to desired values on database
Logbook Management:	
	Active Users: Tracking of user activities based on IP address
Data management	
	ARPAV environment data (www.arpa.veneto.it) integration; SIRI SM next departure and journey time integration. SIRI SM next departure integration with APS Parking Sign Manager. Parking camera data integration with APS Parking Sign Manager; Read travel time data from TomTomRouteMonitoringService;