

SWARCO
OMNIA 3.28.0
RELEASES NOTES



Title: **Releases Notes Omnia 3.28.0**
Date: 2022-04-27
Version: 3

A publication of: DevOps & Testing

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

Contact:
Software Production – Urban Traffic
office.mizar@swarco.com

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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	Template Version History	4
2	Software Release Description	5
3	Major release 3.28.0 Content - Log	5
3.1	Major release 3.28.0 New.....	5
3.2	Major release 3.28.0 Fixed	5
4	Summary Release Notes 3.28.0	6

1 About this document

1.1 Purpose of this document

This document describes the release notes for the following software:

- **Product:** Omnia
- **SW Versions:** 3.28

1.2 Intended Audience

This document is intended to be used for distribution.

1.3 References

Author(s)	Marzia Selmo
Verified	Giuseppe Caramazza
Distribution List	Public
File Name	Release Notes_Omnia 3.28

1.4 Versions

Version	Date	Description	Author(s)
01	2022-03-25	draft	Marzia Selmo
02	2022-03-31	QA/QC	Giuseppe Caramazza
03	2022-04-27	Template changes (company name)	Antonella Barletta

1.5 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 by:

- Releases content – change log
- Release notes – summary

for the following Omnia releases:

Omnia 3.28.0 – major release

3 Major release 3.28.0 Content - Log

3.1 Major release 3.28.0 New

The following features have been fixed for the Omnia release 3.28.0 (fix version).

Issue key	Issue type	Summary
C1233-1733	Story	AVL Management: ISU monitoring integration
C1233-1699	Story	Controller Selector Panel: lock / unlock available for Active Split Plan and Active Offset Plan
C1392-4	Story	Exporting C-ITS messages to AlmavivA function implementation
C1233-1668	Story	Junction View: shows phases graphical representation when connected to SCATS system
C1442S-7	Story	Omnia API: exporting Emergency Requests
C1404-2	Story	Traffic Data: O/D calculation through vehicle tag
C1404-1	Story	Traffic Data: travel time calculation through vehicle tag

3.2 Major release 3.28.0 Fixed

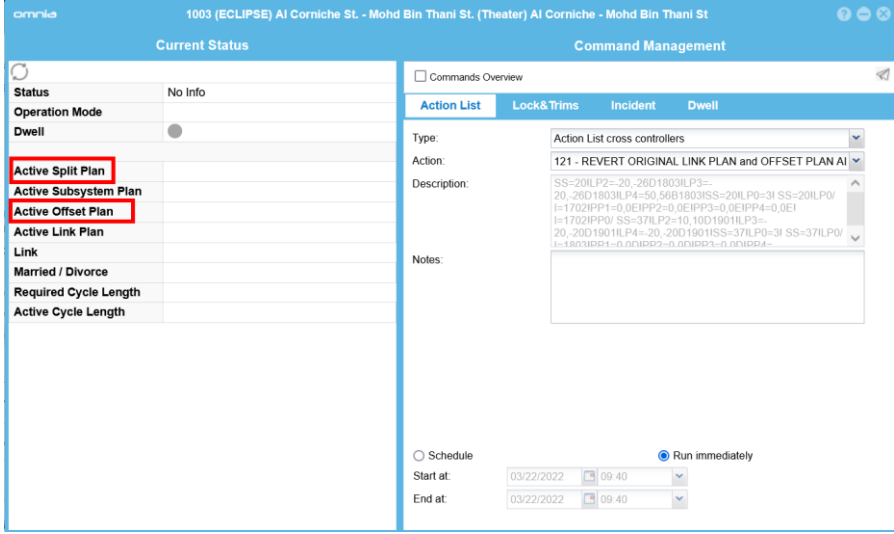
The following bugs have been fixed for the Omnia release 3.28.0 (fix version).

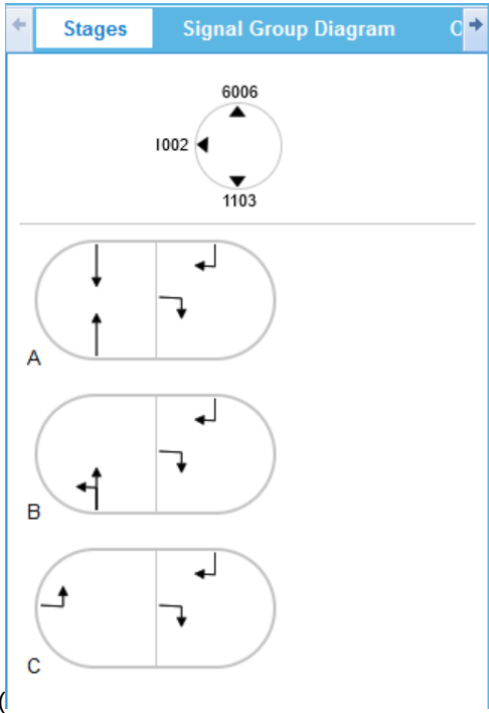
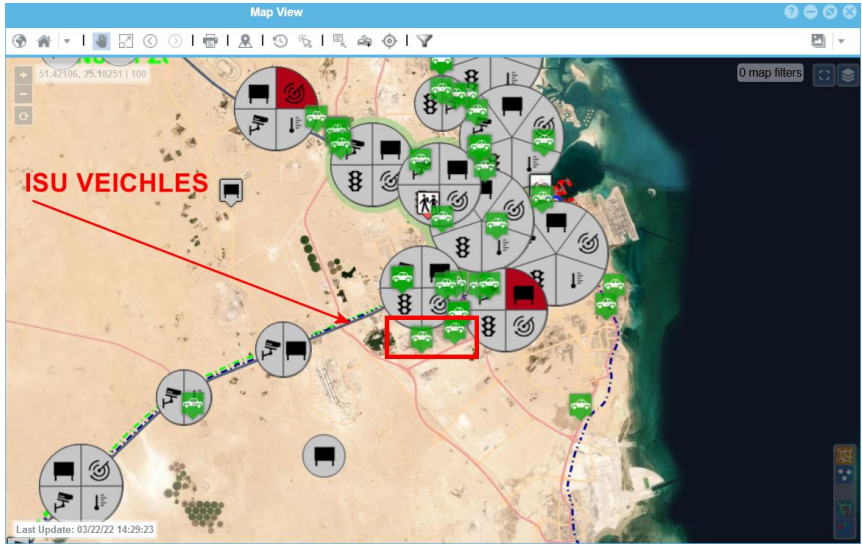
Issue key	Issue type	Summary
C1233-1681	Bug	Asset Manager: error while inserting / updating traffic detectors
C1429-2	Bug	DataLake Adapter: some measuring data read from queue are duplicated
C1233-1667	Bug	Electronic Signs Scheduler: messages for signs removed from scheduled message sign list are not removed from the queue
C1233-1440	Bug	Event Update Notification Manager: found a memory leak
C1352-1	Bug	Map View: MapCluster doesn't support MapServerType 13
C1120-42	Bug	Map View: when MapIsClustered app's setting is turned off, map is not presenting each marker as expected
C1233-1649	Bug	Omnia DB: not protected - CameraParameterValues table allows multiple entries for unique CameraParameterID under the same Camera
C1233-1437	Bug	Omnia Server: KPI get measure api returns 404 error when called with simulationId parameter
C1442S-9	Bug	Omnia Server: some API are affected by SQL Injection
C1233-303	Bug	Omnia UI: error message not appearing when Map View is positioned out of Jurisdiction area

Issue key	Issue type	Summary
C1328S-23	Bug	Omnia UI: italian missing translation
C1233-1148	Bug	OmniaWCMSERVICE: SQL error to get the controller list
C1233-1523	Bug	Service Request Adapter: the service doesn't use the value TLS/PLAINTEXT in EncryptionProtocol kafka KEY
C1392-6	Bug	Signal Group Diagram: the on-line version is wrong and displays blue bars
C1398-1	Bug	System Overview: export doesn't work properly and displays big icons in place of device codes
C1233-1751	Bug	System Overview: exported excel file will show a big icon hiding the device code
C1203-40	Bug	System Overview: the excel file exported displays an icon inside the "code" column in place of the "code" string
C1233-1663	Bug	System Overview: unable to show extra parameters for SCATS if enabled by setting ShowInReports flag

4 Summary Release Notes 3.28.0

Following are the list of the features included in Omnia 3.28.0 version delivery.

Control:	✓ Controller Selector Panel: in this application have been added to new 
	✓ Electronic Signs: development of a new Sign Manager has been required based on MSP2 protocol integration.
	✓ C-ITS: a new backend exporting service has been implemented that sends C-ITS messages to Almagora
	✓ Junction View: show phases graphical representation when connected to SCATS system

	
Incident and Event Management:	✓ AVL Management: ISU monitoring integration. On Map View application is now possible to locate ISU vehicles. The details of the ISU vehicles, such as their position, will be used to calculate the travel time to manage the missions to support events/accidents in a specific area. 
	✓ Traffic Data: the O/D manager calculates the O/D matrices of the trips made (expressed in number of trips per hour, or number of MAC addresses) between any pair of logical nodes.