



LOGFAS Release Notes

LOGFAS 8.2.0

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Release Notes

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Document Change Log

Version	Comments	Date	Author
1.0	Initial version	19 June 2023	Jan-Willem Goossens, Ioan-Felix Stan

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2 REFERENCES

[A] <https://www.postgresql.org/docs/release/14.8/>, PostgreSQL 14.8 Release Notes

[B] LOGFAS 8.0.0 Release Notes

[C] LOGFAS 8.2.0 What's New

[D] <https://lognet.nato.int> -> LogSup -> LOGFAS

3 GENERAL

LOGFAS 8.2.0 is a minor release to be applied as an upgrade on an existing LOGFAS 8 installation. This release includes functional changes, as described in the LOGFAS Release Notes. This release also patches the underlying PostgreSQL database software to PostgreSQL 14.8, which fixes the vulnerabilities CVE-2023-2454 and CVE-2024-2455 [A] that are present in the PostgreSQL 14.7 of LOGFAS 8.1.0.

LOGFAS 8.2.0 is fully compatible with LOGFAS 8.0.0. This means that all interfaces, such as import / export files, database connections, web services, etc., are identical. LOGFAS 8.2.0 clients can connect to LOGFAS 8.0.0 servers and vice versa. All other components of LOGFAS 8.0.0, such as EVEWEB, are compatible with LOGFAS 8.2.0 and are therefore not included in LOGFAS 8.2.0. Sites can upgrade at any point in time since interfaces with other sites are not affected. Also, workstations and servers can be upgraded independently and not necessarily all at once.

IMPORTANT ANNOUNCEMENT: LOGFAS 8 (all major and minor versions) will be the last release that supports Windows Server 2012 R2. From LOGFAS 9 onward (JAN 2024) **Windows Server 2012 R2 will no longer be supported.**

4 RELEASE PACKAGE

The scope of LOGFAS 8.2.0 covers all components of LOGFAS using the following build number:

- LOGFAS build number 43513

All other components of LOGFAS 8.0.0, such as EVEWEB, are compatible with LOGFAS 8.2.0 and are therefore not included in LOGFAS 8.2.0.

5 CHANGES

The table below summarizes the new features and bug fixes that are implemented in the scope of this release.

Priority	New Features	Bug Fixes
1	0	6
2	3	28
3	0	11
4	0	0
TOTAL	3	45

This release also patches the underlying PostgreSQL database software to PostgreSQL 14.8, which fixes the vulnerability CVE-2022-41862 [A] that is present in the PostgreSQL 14.5 of LOGFAS 8.0.0.

5.1 NEW FEATURES

The table below gives an overview of all the new features (User stories) in this release. For a detailed description of the main changes in this release, please see [C].

ID	Priority	Title
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68228	2	UMM - Backup and restore users and permissions
69140	2	UMM - Update Web User Details Only Possible by Update Password
69618	2	ADAMS/CORSOM - Delete Multiple DDPs At Once

5.2 BUG FIXES

The table below gives an overview of all the bug fixes in this release. For a detailed description of the main changes in this release, please see [C].

ID	Priority	Title
72208	1	ADAMS - Sync Planning Status For Self Deployed UML
74584	1	ADAMS/CORSOM - Mission Composer Change Priority by Drag-Drop is not working
74761	1	ADAMS - Forces view, CRD Marker Wrong Status Color For Sourced UMLs
74935	1	LDM/GEOMAN - Failed Route Tables with DDP Imports
75357	1	CORSOM - Max Assets Not Working in Mission Composer
75424	1	LDM - DDP Import files overwrite planned times with bad execution times
61718	2	CORSOM - DOCUMENTATION - Update of LOGFAS GIS View
67163	2	ADAMS - Question to save on exit or DDP reload
69029	2	ADAMS/CORSOM - Transferring Items to Partial Mission Path
69089	2	CORSOM - RSOM Location Filter Wrongly Excludes Unit Movements
69276	2	ADAMS - Selected Multiple Gantt Bars are not Moved Forward in The Gantt
70317	2	SPM - Alternates records without commodity RIC
71126	2	LDM - Export to TOPFAS 6.1 & 5.1 Type Fails
71418	2	ADAMS - Changing destination from UML window
71437	2	CORSOM- Utilize Unallocated Capacity Issue in Mission Composer
71440	2	LDM - TOPFAS export with security labels mixes Automatic and Manual information marking
71489	2	GEOMAN - Error when saving edge data on multiple selected edges
71492	2	GEOMAN - Error exporting Networks Security Labelling
71515	2	CORSOM - Purged tracks still shown on the map
72231	2	COMMON - Using Server Maps is forgotten after module restart
72342	2	SETUP - Broken Internal Hash for Nation 2 Update File Deployed with LOGFAS 800
73397	2	ADAMS - Gantt Show UnitMovement Overlaps option Broken
74654	2	LDM - Not able to import TFE Parameters File LOGFAS 7xx versions
74655	2	EVE - Importing a .eve or .xml file with different Reference Data from the Database
74716	2	ADAMS - Stopover times are lost after changes
74760	2	SPM - Menu Options Not Accessible For Existing Sustainment Policy
74766	2	LDM - Error during the import of SPM Scenario containing SPM_PolicyElements
74815	2	ADAMS - Graph View Crash with Overflow Exception
75118	2	SQL - LOGFAS 7 database cannot be upgraded to LOGFAS 8 when History was enabled
75149	2	SETUP - Copyright should mention NCIA not Flexera

75170	2	UMM - Deleting History from large database takes too long
75333	2	CommandTimeout not visible in app.config of LCM
75402	2	SDM - Scenario Animation Fails if Asset Type has no value in the LIM Cargo Bay Field
75461	2	LDM - Failed Import of Renamed FP
61415	3	UMM - Content Not Adaptable to Resizable Window in UMM
64489	3	SPM - Error When Generating Scenario Report
68183	3	GEOMAN/ADAMS/CORSOM - Changing Map Preferences When Modules Are Active
69034	3	GEOMAN - Undo button is no longer active after a failed attempt to save changes without providing an ID in the Multi-Row Editors
69603	3	CORSOM-ADAMS - Query Geolocations Issue
71103	3	ADAMS - Forces Filter cleared after Manual Loading
71144	3	LDM - Export - SPM Scenario Exports all NPS and FPH from Capability Review
71337	3	ADAMS/CORSOM - UMLs Partially Sourced Planning Statuses When DDP First Opened
71388	3	COMMON - Map Object Properties Panel
71439	3	GEOMAN - Showing Forces issue
71477	3	GEOMAN - Locate Map Data directories reporting no content

6 DEPENDENCIES

The only change in dependencies in this release of LOGFAS is the upgrade of PostgreSQL:

- PostgreSQL 14.8

No other changes in this area compared to the previous release.

The following versions of Microsoft Office are supported¹:

- Microsoft Office 2016 (32-bit or 64-bit) or
- Microsoft Office 2019 (32-bit or 64-bit)

For completeness, we repeat below the information from the LOGFAS 8.0.0 Release Notes [B]:

- Microsoft .NET Framework 4.8 (or later)

7 SUPPORTED OPERATING SYSTEMS

No other changes in this area compared to the previous release.

IMPORTANT ANNOUNCEMENT: LOGFAS 8 (all major and minor versions) will be the last release that supports Windows Server 2012 R2. From LOGFAS 9 onward (JAN 2024) **Windows Server 2012 R2 will no longer be supported.**

For completeness, we repeat below the information from the LOGFAS 8.0.0 Release Notes [B]:

For workstations, this release of LOGFAS supports Windows 10 and Windows 11.

For servers, this release of LOGFAS supports Windows Server 2012 R2, Windows Server 2016, Windows Server 2019 and Windows Server 2022.

¹ A small number of LOGFAS features require that Microsoft Office is installed alongside LOGFAS. Only these features, such as the ability to import MS Excel EVE Templates, are affected without a support version of Microsoft Office installed.

Other versions of Windows operating systems, such as Windows 7 (32-bit or 64-bit), Windows 8, Windows 8.1, Windows Server 2008, etc., are not officially supported.

8 SUPPORTED BROWSERS

No other changes in this area compared to the previous release.

This release of LOGFAS supports Microsoft Edge (Chromium) only.

9 INTEROPERABILITY

This release of LOGFAS does not change any interfaces.

For completeness, we repeat below the information from the LOGFAS 8.0.0 Release Notes [B].

Application	Version	LOGFAS as consumer	LOGFAS as producer
AirC2IS	4.6* 4.7*	-	FPH files, ADL files
CoreGIS	3.0.2	WMS maps	-
ICC	3.5.2	-	EVE ATO feed files
iGeoSIT	3.2.4* 3.2.5*	WMS maps	NVG 1.4 and 1.5 services
INT-CORE	4.2.0 5.0.0	MRF services	-
JOCWatch	4.1.0	NVG 1.4 and 2.0 services	CORSOM Alerts via CCC
LC2IS	6.2.1	-	NVG 1.4 and 1.5 services, FPH and ADL files
LOGFAS	6.5.x 7.x	LOGFAS Native XML file interface, FAS Interop, HNS COR, HNS CAPCAT	LOGFAS Native XML file interface, FAS Interop, HNS COR, HNS CAPCAT
M-Link Server	17.0v18	-	XMPP for CORSOM Alerts via CCC
NCOP	1.7.1	-	NVG 1.4, 1.5 and 2.0 services, FPH files
NIRIS	4.1.1 4.2.0*	Tracks via LOGFASMS	-
Openfire Server	4.5.6 4.7.1*	-	XMPP for CORSOM Alerts via CCC
Symbology Server	1.5 2.0	NVG 1.4, 1.5 and 2.0 via CORSOM NVG Services	NVG 1.4, 1.5 and 2.0
TOPFAS	6.4.7	SOR, ORBAT, JTAL files	ADL, FPH, JTAL files
US SMS	Unknown	SMS file interface, email attachment	

* Compatibility with the indicated version was not tested but is expected to work.

10 BREAKING CHANGES

There are no breaking changes introduced in this release.

11 KNOWN ISSUES

11.1 RE-INSTALLATION ISSUE

After the successful uninstallation of LOGFAS 8.0.0 or any minor release, then when attempting to re-install LOGFAS 8.0.0, no minor release can be installed.

Registry keys have to be manually removed to work around this issue. This is described in the LOGFAS 8.1.0 Installation Manual and in KB 2022-11.

12 KNOWLEDGE BASE ARTICLES

The following knowledge base articles are available. For more details and latest list of articles, please see <https://lognet.nato.int> [D].

ID	LOGFAS version	Area	Title
KB 2023-05	7.x.x., 8.x.x	LCM	LOGFAS Database maintenance
KB 2023-04	8.1.0	LCM	SQL25000 UPDATE
KB 2023-03	8.1.0	LOGFAS	Updating the FHZZZ-GENERIC.txt File
KB 2023-02	8.x	LOGFAS, VDI	VDI Packaging Tips and Tricks
KB 2023-01	8.0.0, 7.x	LDM	Not able to import FHXXXTFE_PARAM.XML file
KB 2022-14	7.x, 8.0	CORSOM	Mission Without Legs Error
KB 2022-13	7.x	GEOMAN	GEOMAN-Error when importing Network from 800 to 700
KB 2022-12	6.5.x, 7.0	LDM	RPL Force Status RIC Mapping
KB 2022-11	7.x	LOGFAS	LOGFAS Re-Installation issue
KB 2022-10	7.x	LCM	LCM Error when updating RIC
KB 2022-09	7.x	LCM	LCM Error when upgrading to SQL 24000
KB 2022-08	7.x	LOGFAS	Mission Composer not working due to Execution Statuses missing in LOGAS 7.0.0
KB 2022-07	7.x	CORSOM	CORSOM NVG services poll issue
KB 2022-06	7.x	LOGFAS	Documents Releasable to Finland and Sweden Classification
KB 2022-05	7.x	LOGFAS	Interrupted installation of LOGFAS 7
KB 2022-04	7.x.x	LCM	LCM connection timeout in limited bandwidth environments
KB 2022-03	7.0	LOGFAS	Error creating routes in LOGFAS 7.0
KB 2022-02	7.x.x	LOGFAS	How to enable SSL for Direct DB replication
KB 2022-01	7.x	LOGFAS	DDP migration to LOGFAS 7.x issue
KB 2021-06	6.5.0	LOGFAS	Data Key in Registry Error

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KB 2021-05	7.0	LOGFAS	LOGFAS requirements and 3rd party components
KB 2021-04	6.5.0	CORSOM	Symbology Server Installation
KB 2021-03	6.5.0	Replication	Replication Component incorrect version displayed
KB 2020-07	6.5.0	LOGFAS	Installing LOGFAS on VMWare Appstack
KB 2020-06	6.5.0	LOGFAS	LOGFAS and common NATO web map server – Not publicly available
KB 2020-05	6.5.0	GEOMAN, Maps	FIKSO exercise scenario maps for LOGFAS – Not publicly available
KB 2020-04	6.5.0	CCC	CCC fails to process messages with optional security label
KB 2020-02	6.5.0	CCC, LOGFASMS	Incorrect version number of CCC and mediation service
KB 2020-02	6.5.0	GEOMAN	Error in GEOMAN chart, report and force selection
KB 2020-01	6.5.0	LDM	Crystal Reports Problems after upgrade
KB 2019-04	6.3.0	UMM	LOGFAS UMM Removing users from roles
KB 2019-03	6.2.2	LOGFAS	Security Classification Markings and Releasability
KB 2019-02	6.4.0	LCM	LCM Bug editing database properties
KB 2019-01	6.4.0	LDM	LOGFAS LDM_ Not possible to change the option to collect historical data in LDM
KB 2018-10	6.3.1	CORSOM	LOGFAS CORSOM_Runtime Exception in Animation Control
KB 2018-09	6.3.1	EVEWEB	LOGFAS EVE Web_GEOLOC-Route display issue on Non-English Operating System
KB 2018-08	6.4.0	LOGFAS	LOGFAS Loading Algorithm
KB 2018-07	6.3.1	LDM	LOGFAS_Transportation Feasibility Estimator Quick Reference Guide Version 1.0
KB 2018-06	6.3.1	LDM	LOGFAS_DDP WIZARD Deployment Templates Quick Reference Guide Version 1.0
KB 2018-05	6.3.1	EVEWEB, ADAMSWEB	LOGFAS_DDP WIZARD Creation Rules Quick Reference Guide Version 1.0
KB 2018-04	6.3.1	LOGFAS	LOGFAS EVE Web and ADAMS Web Map View issue
KB 2018-03	6.3.1	LOGFAS	LOGFAS requirements and 3rd party components
KB 2018-02	6.3.1	LOGFAS Server installation	LOGFAS 6.3.1 databases not installed
KB 2018-01	6.3.1	LOGFAS	LOGFAS 6.3.1 User's migration explained
KB 2017-11	6.2.3-6.2.4	LDM - DDP WIZARD	LOGFAS 6.2.3 and 6.2.4 patches installation on 32bits OS

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KB 2017-10	6.2.x	LDM - DDP WIZARD	LOGFAS Applications & Modules
KB 2017-09	6.2.x	LDM - TFE	DDP WIZARD - Deployment Templates Quick Reference Guide
KB 2017-08	6.2.x	LOGFAS - Replication	DDP WIZARD - Creation Rules Quick Reference Guide
KB 2017-07	6.2.x	LOGFAS - Replication	Transportation Feasibility Estimator - Quick Reference Guide
KB 2017-06	6.2.x	CORSOM - NVG	LOGFAS M&T DATABASE CONFIGURATION
KB 2017-05	6.2.x	LOGFAS MS	LOGFAS Network configuration with replication
KB 2017-04	6.2.4	LOGFAS	Movement visibility using CORSOM
KB 2017-03	6.2.2	LOGFAS	LOGFAS Replication Error Resolution and Tweak Guide
KB 2017-02	6.2.x	ACROSS	Workaround for RIC display problems in LCM
KB 2017-01	6.2.x	LOGFAS	SQL-RICs-Geolocs-AssetTypes Update Notes - Word
KB 2016-11	6.2.2	EVE WEB	"Up-to-date" version of LOGFAS+ 6.2.2 Client Installation Manual
KB 2016-10	6.2.2	EVE WEB	LOGFAS 6.2 Hardware and Software requirements
KB 2016-09	6.2.x	INSTALLSHIELD	NVG services for networks and routes provide the distance in a wrong scale
KB 2016-08	6.2.2	LDM	How to resolve runtime error after using "Mission Path" functionality
KB 2016-07	6.2.x	ADAMS	Uninstalling LOGFAS 6.2.2 after Installing LOGFAS Patches 6.2.3/6.2.4 or 6.2.5
KB 2016-06	6.2.2	LDM	No displaying the menu bar on Workstations with native UK settings
KB 2016-05	6.2.2	ADAMS	Open DDP problem
KB 2016-04	6.2.2	ADAMS	Minus figures in Force profiles
KB 2016-03	6.2.2	EVE DATA LOADER	Copy and merge DDP problem
KB 2016-02	6.2.2	LOGFAS	Auto-time problem
KB 2015-04	6.2.x	LOGFAS	Error message when launching EVE Data Loader
KB 2015-03	6.2.0	LOGFAS	Program has stopped working
KB 2015-02	6.2.1		Error message when registering Crystal Reports Dlls
KB 2015-01	6.2.0		The installation appears to have failed

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13 THIRD PARTY COMPONENTS

The only change in third party components in this release of LOGFAS is the upgrade of PostgreSQL.

No other changes in this area compared to the previous release.

The corresponding files for each component can be found in the relevant installation folders.

VENDOR	NAME	FILE NAME(S)	VERSION	LICENSE	LOGFAS	EVE Web	ADAMS Web	EVE Data Loader	CCC	GLV	Replication	Rep. WEB	LOGFASMS	RDM
Apache Software Foundation	log4Net	Log4net.dll	2.0.14	Apache v2	x				x					
Bootstrap	Bootstrap Library		3.3	MIT		x								
ComponentOne	C1 Studio for Winforms	C1.Win.C1[...].dll	4.0.20151.81	Commercial / Runtime free	x								x	
Ext.Net	Ext.NET Ext.NET Utilities	Ext.Net.dll	1.7.0.0 (2013) 2.2.0.0 (2012)	Commercial / Runtime free		x	x							
GrapeCity	FarPoint	FarPoint[...].dll	5.0.3524.2008	Commercial / Runtime free		x								

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Catenary	Victor Image Processing Library	Vic64.dll	7.1.0.0	Commercial / Runtime free	x													
Cursive INC	JabberNet		2.1.2.0	LGPL					x									
FlashControl	FlashControl	FlashControlV71.dll	7.1	LGPLv2	x													
Hibernating Rhinos	RhinoMocks	RhinoMocks.dll	3.4.0.1210	BSD-3 Clause	x													
ICSharpCode	SharpZipLib	can't find in 8\common?	1.3.3.11	MIT	x							x	x					
NCI Agency	IKVM		8.5.0.2	NATO														x
Humanizr	Humanizer		2.2.0.0	MIT							x							
lesi.Collections	lesi.Collections	lesi.Collections.dll	3.4.1.4000	Public Domain	x													
IdentityServer	IdentityServer4		1.0.0	Apache-2.0							x							
Infragistics	Windows Forms	Infragistics4.[...].v15.2.dll	15.2	Commercial / Runtime free	x													
jQuery	JQuery Library		3.6.0	MIT		x												
Google	Angular			MIT							x							
LaMarvin	Color Picker	LaMarvin.Windows.Forms.ColorPicker.dll	1.1.81.0	MIT	x													
Luciad	.NET APP6C	APP6CIconProvider.dll	1.1.0.0	Commercial / Runtime free	X	x												
MatriX	MatriX		2.1.0.2	Apache-2.0							x							
Microsoft	Ajax Minifier		4.97.4951.28478	Free				x										

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Microsoft	.NET Framework		4.8.0	Free	x	x	x	x	x	x	x	x	x	x
Microsoft	Data Access Components (MDAC)		2.8	Free	x	x	x	x	x	x	x	x	x	x
Microsoft	Visual C++ 2010 Redistributable Package		10.0.402191	Free	x	x	x	x	x	x	x	x	x	x
Microsoft	Visual C++ 2013 Redistributable Package		12.0.3050.0	Free	x	x	x	x	x	x	x	x	x	x
Microsoft	Visual C++ 2015-2019 Redistributable Package		14.27.29016.0	Free	x	x	x	x	x	x	x	x	x	x
Microsoft	Microsoft eXtensible Markup Language (MSXML)		6.0	Free	x									
Microsoft	Open XML Format SDK		2.5.5631.0	Free	x									
Microsoft	ReportViewer 2010 Redistributable		8.1.0	Free		x	x							
Newtonsoft	Json.NET	Newtonsoft.Json.dll	8.0.3.19514	MIT	x	x	x			x				
NHibernate	NHibernate	NHibernate.dll	3.4.1.4000	LGPL	x									

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Weifen Luo	DockPanel Suite	WeifenLuo.WinFormsUI.Docking.dll	2.2.0.0	MIT	x												
Wintellect	PowerCollections	PowerCollections.dll	1.0.2141	EPL 1.0	x												
xzing	xzing	Zxing.dll	0.16.4.0	Apache-2.0	x	x											
ZedGraph	ZedGraph Library	ZedGraph.dll	5.1.5.2844	LGPLv2	x		x										

For more information, please consider the following:

Castle.Core, Castle.DynamicProxy (<http://www.castleproject.org/>)

DockPanel (WeifenLuo) (<http://dockpanelsuite.com/>)

lesi.Collections (<https://www.nuget.org/packages/lesi.Collections/>)

log4net (<https://logging.apache.org/log4net/>)

NHibernate (<http://nhibernate.info/>)

Sage (<http://www.highpointsoftware.com/>)



This is the end of the document.