

Release Note ESX-KEFEX 16-0B (July 2016)

Product	ESX-KEFEX
Version	16-0B
Article No.	11929

Product components

With this release note, a new KEFEX WinFlash software package is released. The following package is affected:

Article No. 11929 KEFEX WinFlash

Note that KEFEX WinFlash is also deployed as part of bigger software packages under different article numbers.

In any case the Versions described by this release note are identified as Version "16-0B" in the menu of the STW installer.

Significant enhancements

This release supports flashing the ESX-3CM via ethernet.

For this purpose the "stwtcp.dll" communication driver was added to the installation package. WinFlash itself was not modified.

For details on how to flash the ESX-3CM via ethernet see the ESX-3CM user manual.

Component versions

The following table lists

- the KEFEX components contained in the KEFEX WinFlash package
- their version numbers in this release
- whether this release contains a new version of the component

Component	Version	New version
WinFlash	V1.19r0	-
stwpeak2.dll	V1.20r2	-
stwvec32.dll	V2.00r4	-
stwrs232.dll	V1.12r2	-
stwixat.dll	V2.00r0	-
stwsont3.dll	V1.11r0	-
stwcpc2.dll	V1.05r0	-
stwtcp.dll	V1.00r2	X
WinFlash User Manual	V1.04r6	X

Release notes for previous releases will follow on the next pages.

Release Note ESX-KEFEX 16-0A (May 2016)

Product	ESX-KEFEX
Version	16-0A
Article No.	16005, 25796, 11929

Product components

With this release note, the new KEFEX software suite is released. The following packages are affected:

Article No. 16005 KEFEX

Article No. 25796 KEFEX RAMView

Article No. 11929 KEFEX WinFlash

Note that KEFEX RAMView and KEFEX WinFlash are also deployed as part of bigger software packages under different article numbers.

In any case the Versions described by this release note are identified as Version "16-0A" in the menu of the STW installer.

Significant enhancements

This release supports the ESX-3CM

An ECU-side KEFEX Driver and example project for the ESX-3CM are provided.
It provides the same features as the existing driver for the ESX-3XL.

WinFlash provides enhanced diagnostic information when flashing an ESX-3CM.
This helps to troubleshoot configuration problems with the ESX-3CM flash integrity checking mechanisms.

Note that the ESX-3CM can still be flashed with older WinFlash versions.

Component versions

The following table lists

- the KEFEX components
- their version numbers in this release
- whether this release contains a new version of the component
- which component is part of which package

Component	Version	New version	Contained in KEFEX (Article 16005)	Contained in KEFEX RAMView (Article 25796)	Contained in KEFEX WinFlash (Article 11929)
PC-Tools					
RAMView	V1.13r1	-	X	X	-
WinFlash	V1.19r0	X	X	-	X
VisLib					
VisLib	V1.22r0	X	X	-	-
Example project ESX2	V1.04r0	-	X	X	-
Example project ESX-3XL	V1.01r1	-	X	X	-
PC Communication Drivers					
stwpeak2.dll	V1.20r2	-	X	X	X
stwvec32.dll	V2.00r4	-	X	X	X
stws232.dll	V1.12r2	-	X	X	X
stwixat.dll	V2.00r0	-	X	X	X
stwsont3.dll	V1.11r0	-	X	X	X
stwcpc2.dll	V1.05r0	-	X	X	X
ECU Software					
KEFEX Driver ESX2	V1.15r1	-	X	X	-
KEFEX Driver ESX-3Xx	V2.01r2	-	X	X	-
KEFEX Driver ESX-IOXp	V1.02r0	-	X	X	-
KEFEX Driver ESX-3CM	V1.00r0	X	X	X	-
Example Project ESX2	V1.02r0	-	X	X	-
Example Project ESX-3XL	V1.02r0	-	X	X	-
Example Project ESX-IOXp	V1.00r0	-	X	X	-
Example Project ESX-3CM	V1.00r0	X	X	X	-
User Documentation					
KEFEX User Manual	V1.08r1	X	X	X	-
WinFlash User Manual	V1.04r6	X	-	-	X

Release Note ESX-KEFEX 15-0A (December 2015)

Product	ESX-KEFEX
Version	15-0A
Article No.	16005, 25796, 69412

Product components

With this release note, the new KEFEX software suite is released. The following packages are affected:

Article No. 16005 KEFEX

Article No. 25796 KEFEX RAMView

Article No. 69412 KEFEX RAMView Safety

Significant enhancements

This release fully supports working with safety-critical KEFEX parameters.

This includes:

- Definition of safety critical parameters in RAMView (with ECU code generation)
- Protection of safety critical parameter values from undesired changes
- Working with safety critical parameters on the ECU (CRC handling; range checks; ...)
- Modifying individual parameter values from a PC or HMI application
- Storing safety critical parameter sets on a PC for later reuse

RAMView, VisLib and the KEFEX Driver were modified to support this.

This feature is available for the ESX-3XL and ESX-3XM ECUs.

To use it the "KEFEX RAMView Safety" package is required.

In addition to all software components available in the "KEFEX" and "KEFEX RAMView" packages it provides

- a safety manual describing how to use the software components
- an ECU example project for ESX-3XL
- a VisLib example project

To obtain the "KEFEX RAMView Safety" package please contact STW sales.

Component versions

The following table lists

- the KEFEX components
- their version numbers in this release
- whether this release contains a new version of the component
- which component is part of which package

Component	Version	New version	Contained in KEFEX (Article 16005)	Contained in KEFEX RAMView (Article 25796)	Contained in KEFEX RAMView Safety (Article 69412)
PC-Tools					
RAMView	V1.13r1	X	X	X	X
VisLib					
VisLib	V1.21r0	X	X	-	X
Example project ESX2	V1.04r0	-	X	X	X
Example project ESX-3XL	V1.01r1	X	X	X	X
PC Communication Drivers					
stwpeak2.dll	V1.20r2	X	X	X	X
stwvec32.dll	V2.00r4	X	X	X	X
stws232.dll	V1.12r2	-	X	X	X
stwixat.dll	V2.00r0	-	X	X	X
stwsont3.dll	V1.11r0	-	X	X	X
stwcpc2.dll	V1.05r0	-	X	X	X
ECU Software					
KEFEX Driver ESX2	V1.15r1	-	X	X	X
KEFEX Driver ESX-3Xx	V2.01r2	X	X	X	X
KEFEX Driver ESX-IOXp	V1.02r0	-	X	X	X
Example Project ESX2	V1.02r0	-	X	X	X
Example Project ESX-3XL	V1.02r0	X	X	X	X
Example Project ESX-IOXp	V1.00r0	-	X	X	X
User Documentation					
KEFEX User Manual	V1.08r0	X	X	X	X
Functional Safety					
KEFEX RAMView Safety Manual	V1.01r0	X	-	-	X
Example project ESX-3XL	V1.01r1	X	-	-	X
Example project VisLib	V1.00r0	X	-	-	X