



# Product Security Information

## Microsoft .NET 6 End of Life

### BOSCH-SI-2025-0715 BT

#### Overview

This document pertains to BVMS systems operating on Microsoft .NET 6, a Long-Term Support (LTS) release, which reached its end of support on November 12, 2024. Consequently, Microsoft no longer provides updates, including security patches and technical support. This lack of support may expose your systems to potential security vulnerabilities.

#### Affected Products

BVMS 12.0.1

BVMS 12.1

Bosch DIVAR IP all-in-one 5000 (DIP-52xx)

Bosch DIVAR IP all-in-one 7000 (DIP-72xx)

Bosch DIVAR IP all-in-one 7000 R3 (DIP-73xx)

Bosch DIVAR IP all-in-one 4000 (DIP-44xx)

Bosch DIVAR IP all-in-one 6000 (DIP-64xx)

Bosch DIVAR IP all-in-one 7000 (DIP-74xx)

#### Technical Details

##### 1.1 Risk Assessment

As .NET 6 is End of Life since November 12, 2024, it's crucial to assess the potential risks associated with continued use of this framework post-EOL. After the EOL date, no security patches or updates will be released for .NET 6, leaving applications vulnerable to known and unknown exploits. Cyber attackers often target unsupported software due to the lack of security fixes. This risk is especially significant if your applications handle sensitive data or are exposed to the internet.

##### 1.2 References

<https://github.com/dotnet/core/blob/main/releases.md>

#### Solution

We strongly recommend starting your migration to .NET 8 as soon as possible to maintain system security and support.

##### 1.1 .NET 8 is Pre-Installed and Ready

To ensure continued security and optimal performance, the "dotnet-hosting-8.0.13-win.exe" (also included in the Patch .zip file) must be pre-installed on your system before the patch is executed. .NET 8 offers the latest performance improvements, security enhancements, and new features.

##### 1.2 Before Uninstalling, Check Your Applications!

Before uninstalling .NET 6, it's crucial to ensure that your applications are compatible with .NET 8. Ensure that all other programs on your system are compatible with .NET version 8, or higher than .Net 6.

### 1.3 Uninstall .NET 6

To minimize potential conflicts and improve system security, we strongly recommend uninstalling the .NET 6. Please follow the instructions below for your environment:

**Windows 10:** Settings > Apps > *Apps & features*

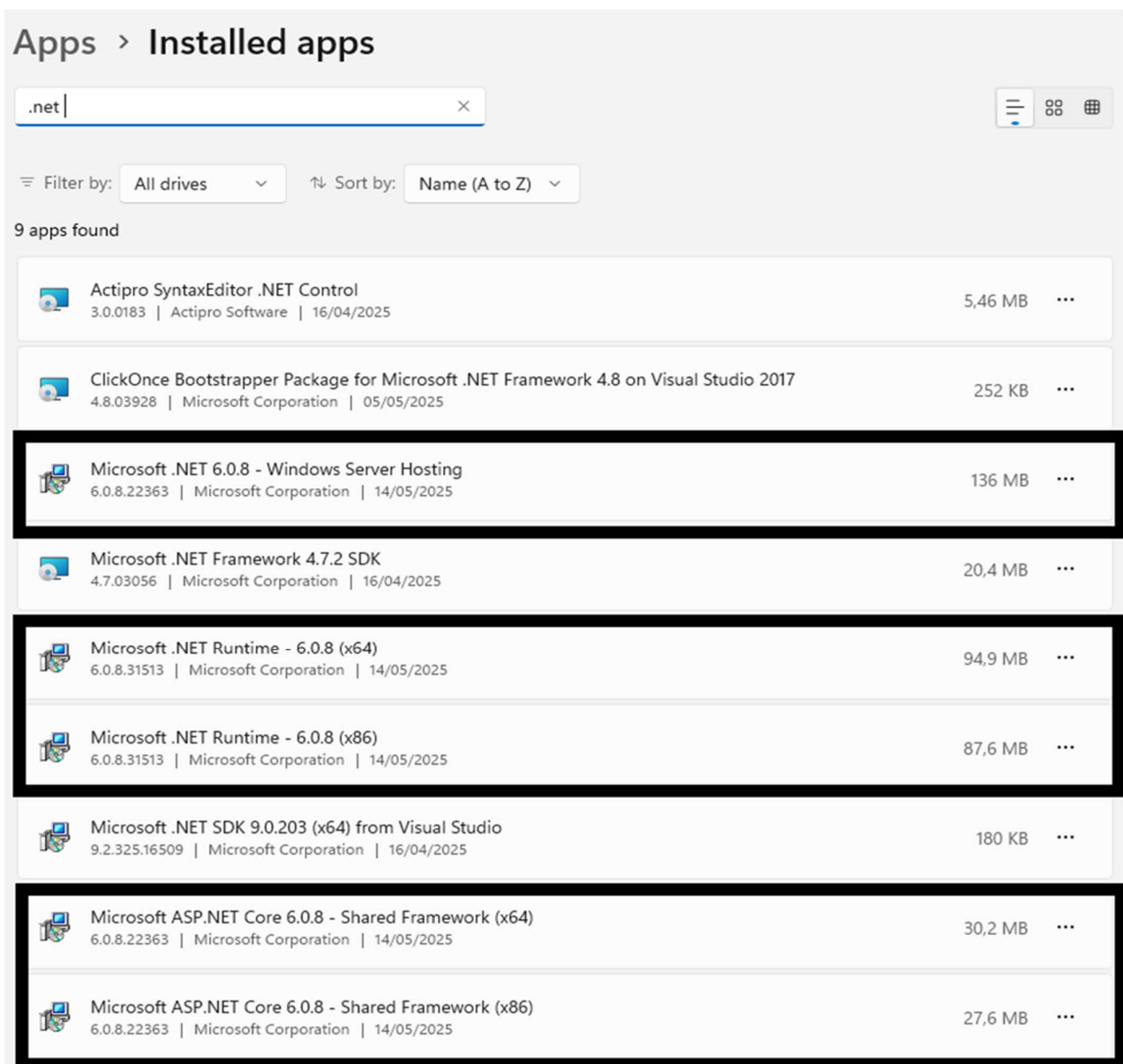
**Windows 11:** Settings > Apps > *Installed Apps*

**Windows Server 2016:** DIPs 52 and 72: *Settings > System > Apps & features > Installed apps*

**Windows Server 2019 and 2022:** DIPs 44, 64, 73 and 74: *Settings > Apps > Installed apps*

Search for ".NET".

Select any ".NET 6 Runtime" entries and click Uninstall. Repeat for any ".NET 6 SDK" entries. Follow the on-screen prompts to complete the uninstallation.



## 1.4 Upgraded BVMS systems

BVMS 12.2 or higher is not affected, since those versions are not using .NET 6 anymore. However, if the version was upgraded from 12.0.1 or 12.1, then the .NET6 must be removed manually. See steps: “Before Uninstalling, Check Your Applications!” and “Uninstall .NET 6”.

For the affected products go to the <https://downloadstore.keenfinity-group.com/index.php> download patch listed below and follow the patch instructions:

BVMS Version	Patch
12.0.1	BVMS1201375_Patch_SecurityIssue_474806.zip, BVMS_12.0.1_Updates_SystemManager_package_1.4
12.1	BVMS1210414_Patch_Cum17_474806.zip, BVMS_12.1.0_Updates_SystemManager_package_1.17

Bosch DIVAR IP all-in-one 5000 (DIP-52xx)	Patch
12.0.1	BVMS_12.0.1_Updates_SystemManager_package_1.4
12.1	BVMS_12.1.0_Updates_SystemManager_package_1.17

Bosch DIVAR IP all-in-one 7000 (DIP-72xx)	Patch
12.0.1	BVMS_12.0.1_Updates_SystemManager_package_1.4
12.1	BVMS_12.1.0_Updates_SystemManager_package_1.17

Bosch DIVAR IP all-in-one 7000 R3 (DIP-73xx)	Patch
12.0.1	BVMS_12.0.1_Updates_SystemManager_package_1.4
12.1	BVMS_12.1.0_Updates_SystemManager_package_1.17

Bosch DIVAR IP all-in-one 4000 (DIP-44xx)	Patch
12.0.1	BVMS_12.0.1_Updates_SystemManager_package_1.4
12.1	BVMS_12.1.0_Updates_SystemManager_package_1.17

Bosch DIVAR IP all-in-one 6000 (DIP-64xx)	Patch
12.0.1	BVMS_12.0.1_Updates_SystemManager_package_1.4
12.1	BVMS_12.1.0_Updates_SystemManager_package_1.17

Bosch DIVAR IP all-in-one 7000 (DIP-74xx)	Patch
12.0.1	BVMS_12.0.1_Updates_SystemManager_package_1.4
12.1	BVMS_12.1.0_Updates_SystemManager_package_1.17

## Mitigation

If your organization has legacy systems that are no longer in use and rely on unsupported .NET versions (like .NET 6 after its EOL), uninstalling .NET from those systems could mitigate the risk of any potential exploitation.

If upgrading or uninstalling immediately is not feasible due to complexity, consider isolating legacy systems running .NET 6 from the rest of your infrastructure to minimize security risks.

- Employ strong network segmentation and firewalling to limit exposure to external threats.
- Continuously monitor these systems for vulnerabilities and potential exploits.
- Improve Logging and Monitoring: Since no further security updates will be available, invest in advanced monitoring and logging for systems still running .NET 6.
- To reduce potential exposure, disable the WorkstationMonitoring service on all impacted systems.

## Material Lists

### BVMS

Family Name	Versions	CTN	SAP#	Material description
BVMS Professional	12.0.1, 12.1	MBV-BPRO	F.01U.393.647	License Professional base
BVMS Plus	12.0.1, 12.1	MBV-BPLU	F.01U.393.650	License Plus base
BVMS Plus DIP	12.0.1, 12.1	MBV-BPLU-DIP	F.01U.374.503	License Plus base for DIVAR IP
BVMS Lite	12.0.1, 12.1	MBV-BLIT	F.01U.393.648	License Lite base
BVMS Lite DIP	12.0.1, 12.1	MBV-BLIT-DIP	F.01U.358.975	License Lite base for DIVAR IP

### Bosch DIVAR IP all-in-one 5000 (DIP-52xx)

Family Name	CTN	SAP#	Material description
DIVAR IP all-in-one 5000	DIP-5240IG-00N	F.01U.361.821	Management Appliance w/o HDD
DIVAR IP all-in-one 5000	DIP-5244IG-4HD	F.01U.362.424	Management Appliance 4x4TB
DIVAR IP all-in-one 5000	DIP-5248IG-4HD	F.01U.362.423	Management Appliance 4x8TB
DIVAR IP all-in-one 5000	DIP-524CIG-4HD	F.01U.362.422	Management Appliance 4x12TB
DIVAR IP all-in-one 5000	DIP-5240GP-00N	F.01U.359.551	Management Appliance GPU wo HD
DIVAR IP all-in-one 5000	DIP-5244GP-4HD	F.01U.359.552	Management Appliance GPU 4x4TB
DIVAR IP all-in-one 5000	DIP-5248GP-4HD	F.01U.359.553	Management Appliance GPU 4x8TB
DIVAR IP all-in-one 5000	DIP-524CGP-4HD	F.01U.359.554	Management Appliance GPU 4x12TB

### Bosch DIVAR IP all-in-one 7000 (DIP-72xx)

Family Name	CTN	SAP#	Material description
DIVAR IP all-in-one 7000	DIP-7280-00N	F.01U.362.591	2U Management Appliance w/o HD
DIVAR IP all-in-one 7000	DIP-7284-8HD	F.01U.362.592	2U Management Appliance 8x4TB
DIVAR IP all-in-one 7000	DIP-7288-8HD	F.01U.362.593	2U Management Appliance 8x8TB
DIVAR IP all-in-one 7000	DIP-728C-8HD	F.01U.362.594	2U Management Appliance 8x12TB
DIVAR IP all-in-one 7000	DIP-72G0-00N	F.01U.362.595	3U Management Appliance wo HDD
DIVAR IP all-in-one 7000	DIP-72G8-16HD	F.01U.362.596	3U Management Appliance 16x8TB
DIVAR IP all-in-one 7000	DIP-72GC-16HD	F.01U.362.597	3U Management Appliance 16x12T

### DIVAR IP all-in-one 7000 R3 (DIP-73xx)

Family Name	CTN	SAP#	Material description
DIVAR IP all-in-one 7000	DIP-7380-00N	F.01U.385.539	Management appliance 2U without HD
DIVAR IP all-in-one 7000	DIP-7384-8HD	F.01U.385.540	Management appliance 2U 8X4TB
DIVAR IP all-in-one 7000	DIP-7388-8HD	F.01U.385.541	Management appliance 2U 8X8 TB
DIVAR IP all-in-one 7000	DIP-738C-8HD	F.01U.385.542	Management appliance 2U 8X12 TB
DIVAR IP all-in-one 7000	DIP-73G0-00N	F.01U.385.543	Management appliance 3U without HD

DIVAR IP all-in-one 7000	DIP-73G8-16HD	F.01U.385.544	Management appliance 3U 16X8TB
DIVAR IP all-in-one 7000	DIP-73GC-16HD	F.01U.385.545	Management appliance 3U 16X12 TB

**DIVAR IP all-in-one 7000 (DIP-74xx)**

Family Name	CTN	SAP#	Material description
DIVAR IP all-in-one 7000	DIP-74C0-00N	F.01U.417.248	Management appliance, 2U w/o HDD
DIVAR IP all-in-one 7000	DIP-74C4-8HD	F.01U.417.249	Management appliance, 2U 8X4TB
DIVAR IP all-in-one 7000	DIP-74C8-8HD	F.01U.417.250	Management appliance, 2U 8X8TB
DIVAR IP all-in-one 7000	DIP-74CI-8HD	F.01U.417.251	Management appliance, 2U 8X18TB
DIVAR IP all-in-one 7000	DIP-74CI-12HD	F.01U.417.252	Management appliance, 2U 12X18TB
DIVAR IP all-in-one 7000	DIP-74G0-00N	F.01U.417.253	Management appliance, 3U w/o HDD
DIVAR IP all-in-one 7000	DIP-74GI-16HD	F.01U.417.254	Management appliance, 3U 16X18TB

**DIVAR IP all-in-one 4000 (DIP-44xx)**

Family Name	CTN	SAP#	Material description
DIVAR IP all-in-one 4000	DIP-4420IG-00N	F.01U.404.040	Management appliance w/o HDD
DIVAR IP all-in-one 4000	DIP-4424IG-2HD	F.01U.404.041	Management appliance 2x4TB
DIVAR IP all-in-one 4000	DIP-4428IG-2HD	F.01U.404.042	Management appliance 2x8TB
DIVAR IP all-in-one 4000	DIP-442IIG-2HD	F.01U.404.043	Management appliance 2x18TB

**DIVAR IP all-in-one 6000 (DIP-64xx)**

Family Name	CTN	SAP#	Material description
DIVAR IP all-in-one 6000	DIP-6440IG-00N	F.01U.404.045	Management appliance 1U w/o HDD
DIVAR IP all-in-one 6000	DIP-6444IG-4HD	F.01U.404.046	Management appliance 1U 4x4TB
DIVAR IP all-in-one 6000	DIP-6448IG-4HD	F.01U.404.047	Management appliance 1U 4x8TB
DIVAR IP all-in-one 6000	DIP-644IIG-4HD	F.01U.404.048	Management appliance 1U 4x18TB

**Document Change Log**

23.07.2025– Revision 1.00: Initial Release