

KR C4 robot controller _Upgrade to KSS / VSS 8.6



Keep your KR C4 robot system future-proof: Upgrade to KSS / VSS 8.6 with Windows 10

With the KR C4 upgrade packages, you receive all the new functions of the KSS / VSS 8.6 software system and ensure support for the longest period of time, including security-relevant Microsoft updates for Windows 10 until 2029. This ensures the long-term future of your investment as well as compatibility with the latest KUKA robot arms and KUKA technology packages. The packages also provide a basis for Industrie 4.0 with access to robot data points via OPC UA or MQTT through the preinstalled KUKA.DeviceConnector.

The highlights at a glance:

- The right upgrade package for every requirement: _Basic, _Advanced or _Pro
- Compatible with the latest KUKA robot arms and function packages
- IIoT functionality, KUKA.DeviceConnector preinstalled, OPC UA / MQTT
- Safety-relevant updates until 2029

The right upgrade package for every requirement: _Basic, _Advanced or _Pro
 All three offer you security for the future and the expanded range of functions.
 Beyond this, the _Advanced and _Pro upgrade packages allow you to perfectly adapt the range of services to your application.



Upgrade_Basic

All state-of-the-art: The package includes all modifications of hardware and software to modernize your KR C4 robot system. Advanced programming and configurations are left to your on-site experts.

- Exchange of the control PC
- Exchange of the hard drive (SSD)
- Update to KSS / VSS 8.6.x
- Update of technology package
- Creation of new identification plates and circuit diagrams



Upgrade_Advanced

Contains all the services of the _Basic upgrade package. In addition, the engineering services required for programming and configuration are also carried out. The robot system is again fully functional following the upgrade.

- + Program conversion and functional test on the office PC
- + Field bus configuration
- + Program tests in manual mode
- + Automatic test
- + Update of the machine data configuration of the additional axes



Upgrade_Pro

Includes all the services of the _Basic and _Advanced upgrade packages. Beyond this, large application programs, a complex technology package as well as technologies for safe operation (e.g. KUKA.SafeOperation) are covered in order to ensure that your specific characteristics are taken into account.

- + Update of a complex technology package
- + Update of the KUKA.SafeOperation configuration

Overview of services in upgrade package

	_Basic	_Advanced	_Pro
Exchange of the control PC (Windows 10) and the hard drive (SSD)	✓	✓	✓
Update of KUKA system software KSS / VSS to version 8.6.x	✓	✓	✓
Update of the preinstalled KUKA technology package (up to 3 KUKA technologies)	✓	✓	✓
Creation of new identification plates and circuit diagrams	✓	✓	✓
Conversion and functional test of the programs on the office PC		✓	✓
Adjustment of the field bus configuration and its I/O mapping		✓	✓
Testing of the programs in manual mode		✓	✓
Automatic test		✓	✓
Update preinstalled KUKA technology package (> 3 KUKA technologies)	✓	✓	✓
Update of the machine data configuration for external axes	✓	✓	✓
Update and configuration of a complex technology package and large application programs			✓
Update of the KUKA.SafeOperation configuration			✓
Production start-up support		Optional	Optional

✓ Included in the upgrade price ✓ Upgrade at agreed flat rates Optional: available as part of the upgrade

Would you like further information or a consultation concerning the individual upgrade packages? Please contact:

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