

KUKA



WopCore _Appendix

Update from a version older than 1.1.5



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Other functions not described in this documentation may be operable in the controller. The user has no claims to these functions, however, in the case of a replacement or service work.

We have checked the content of this documentation for conformity with the hardware and software described. Nevertheless, discrepancies cannot be precluded, for which reason we are not able to guarantee total conformity. The information in this documentation is checked on a regular basis, however, and necessary corrections will be incorporated in the subsequent edition.

Subject to technical alterations without an effect on the function.

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1 Introduction

Some improvements introduced by the version 1.1.5 may require manual editing of the program when updating WopCore from a version prior to version 1.1.5.

The situations requiring such a manipulation are the following:

- The variables *M_Access_IsRequested* or *M_Access_IsRequested* are used in one of the user programs.
- The customer wants to use one of the new user inputs:
 - o request to start cycle,
 - o request to stop the robot at the end of the cycle,
 - o request for immediate stop of the robot,
 - o request for door opening and zone access,

The manipulations are described in the following chapters.

2 New variables names

In order to harmonize the names of the variables, the variables *M_Parking_IsRequested* and *M_Access_IsRequested* have been renamed.

If these variables are not used in the customer's code, the following manipulations are not necessary.

If they are used, compilation errors will occur. The variables will need to be renamed as follows:

- *M_Parking_IsRequested* to *X_UserParking_Request*
- *M_Access_IsRequested* to *X_Access_Request*

3 Activating the new user inputs

New user inputs have been added in the version 1.1.5. They are not automatically accessible after an update. In order to access them, please follow these steps:

- Open the file TP/WopCore/User/WopUserSps.sub
- Open the fold --- Flag configuration ---
- Under the line ;Flags and insert the following code:

```
X_UserStartCycle_Request=FALSE ;Start Cycle is requested  
X_UserStartCycle_Request=FALSE ;Start Cycle is requested  
X_UserEndCycle_Request=FALSE ;End cycle is requested  
X_UserStopCycle_Request=FALSE ;Stop Cycle is requested
```

You will find the description of these commands in the WopCore manual in the chapter **"WopUserSps" file: User program for the background task.**