

Harmony XB5SSoft version V2.0

Release Notes

May 2019

1. Version V2.0 main characteristics - Evolution of this version towards version V1.1:

Version V2.0 aims to help complying with GDPR (General Data Protection Regulation Applicable in the European Union) while supporting installed-base of XB5S industrial biometric switches.

For improvement of personal data protection requested by GDPR:

- Implementation of “principles of data protection by design and data protection by default”:
 - Providing just-enough access-level according to HarmonyXB5SSoft user’s roles: profile separation between
 - ‘configuration-administrator’
 - ‘users-administrator’
 - State-of-the-art encryption mechanisms used to encrypt databases.
 - State-of-the-art encryption mechanisms used to encrypt HarmonyXB5SSoft user’s credentials.
 - State-of-the-art integrity checks mechanisms used to identify malevolent modifications and warn users.
 - Administrator authentication (through fingerprint recognition) requested for all operations related to personal data management.
 - By-default activation of specific features to help for GDPR compliance.
 - Integration of the “Schneider Electric Software Update” tool for automatic user warning about new release available, and easy update.
- Removing the ‘Name’ item in user’s grid to encourage using pseudonyms instead of explicit names of users as identifiers, to help protecting user’s personal data.
- Removing the capability to perform import/export operations from/to Vijeo-Designer.
- **For applications for which GDPR directive applies:**
 - State-of-the-art encryption mechanisms used to encrypt USB communication between PC and XB5S or ‘MorphoSmart’ devices.
 - Display XB5S or ‘MorphoSmart’ devices availability and activation of GDPR-related specific features (to inform users about the context of their fingerprints data recording and use).
 - By-default auto-lock feature of HarmonyXB5SSoft (to minimize occurrence of a malevolent use of an opened session).
- **For applications for which GDPR directive do not apply:**
 - Capability to not activate the GDPR-related specific features listed in the previous topic.
 - Capability to merge the profiles of ‘Configuration Administrator’ and ‘Users administrator’.
 - Capability to turn OFF the auto-lock feature of HarmonyXB5SSoft.

2. Supported devices

- XB5S8* and XB5S9* which integrate GDPR-specific features. Suitable for all applications, particularly for those for which GDPR directive apply.
- Legacy XB5S3* & XB5S4*
- MorphoSmart™ MSO 1300 E3 fingerprint readers from IDEMIA company (only for fingerprint record and authentication)

3. Limitations of Version V2.0

- The “Uninstall” button for direct access to uninstallation is not implemented. Use the “Modify” button and then select the “Remove” choice.
- For legal reasons, the function "Export User" is not implemented in HarmonyXB5SSoft V2.0