



System 800xA PC Toolkit Library for Freelance V5.1-1 Release Notes

System Version 5.1RevA

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1. Introduction

This document represents the release notes for PC Toolkit Library for Freelance Version V5.1-1

This document describes the functionality introduced for this product in this release. It also enumerates known problems encountered in the final testing of this product release and identifies workarounds that help overcome the problem. The document contains additional notes that may be valuable to the customers and service personnel working with the product. This document replaces the existing release notes for the prior release and is included on the product media. Known Problems are divided into categories by individual Functional Area or product.

Release Notes Safety Notices

Install the software within the design limitations as described in the installation and upgrade instructions. This software is designed to operate within the specifications of the 800xA. Do not install this software to systems that exceed these limits.

These Release Notes are written only for qualified persons and are not intended to be a substitute for adequate training and experience in the safety procedures for installation and operation of this software. Personnel working with this software must also exhibit common sense and good judgment regarding potential hazards for themselves and other personnel in the area. Should clarification or additional information be required, refer the matter to your ABB sales representative and/or local representative.

File these Release Notes with other instruction books, drawings, and descriptive data of the 800xA. Keep these release notes available for the installation, operation and maintenance of this equipment. Use of these release notes will facilitate proper operation and maintenance of the 800xA and its software and prolong its useful life. All information contained in release notes are based on the latest product information available at the time of printing. The right is reserved to make changes at any time without notice.

2. Functionality

The PC Toolkit Library for Freelance is a system extension for System 800xA. It compiles a Basic set and optional packages. PC Toolkit Library for Freelance is applicable for the Process Industry. The Graphic Elements and the high performance Faceplates are harmonized with the object types of AC800M and Melody/AC870P.

The classic faceplates set is part of the software package “800xA for Freelance” and not of the PC Toolkit Library for Freelance.

The PC Toolkit Library for Freelance comprises

Package	Description
Base (mandatory)	<ul style="list-style-type: none">Pre configured one- and two-screen Operator WorkplaceGraphic Elements for the majority of the Freelance Function BlocksFree Graphic Elements that allow showing mass data like radar diagram and profiling indication.

Table 2-1 Contents of the Basis software package

Following optional software packages are available

Packages	Description
PC Tools	PC Tools facilitates interoperability configuration through the automated generation during engineering. It includes Aspect link, Link Generator.
HP HMI	Leverages and expands the capabilities of traditional Graphic Elements and Faceplates. It provides technologies to make operator workplace safe and efficient.

Table 2-2 Optional software package

3. Release Notes

The PC Toolkit Library for Freelance Version 5.1-1 has been released for delivery and plant operation. The above system extension was tested under the system environment 800xA System Base Version 5.1 RevA with Freelance Connect.

PC Toolkit Library for Freelance Software Packages	Delivery
ABB PC Graphic Object Types 5.0-1	base
ABB PC Workplace 5.1-2	base
ABB PC Freelance Setup 5.1-1	base
ABB PC Tools 5.0-4	optional
ABB PC Freelance Setup 5.1-1 HP-HMI Add On	optional

Table 3-1 Released software packages

3.1 Conditions, Restrictions and Remarks

- PC Toolkit Library for Freelance requires the new Graphic Editor PG2
- 800xA for Freelance SV5.1RevA required
- Graphic displays that were created under Visual Basic require migration. This migration tool is part of the 800xA base product.

3.2 Related Documents

The following documents describe installation, configuration and operation with PC Toolkit Library for Freelance

Category	Document	Description
Operation	3BDA033438R5102EN 3BDA033438R5102DE	Manual for Operators
Installation and Configuration	3BDA033713R5103EN	PC Toolkit for Freelance – Installation and Configuration
Engineering	3BDA035390R5102EN 3BDA035391R5102EN 3BDA035392R5102EN 3BDA035393R5102EN 3BDA035394R5102EN 3BDA035395R5102EN 3BDA035396R5102EN 3BDA035397R5102EN 3BDA035398R5102EN 3BDA033478R5102EN	HMI_Analog function blocks HMI_Binary function blocks HMI_Monitoring function blocks HMI_Closed Loop Control function blocks HMI_Open Loop Control function block HMI_Constant function blocks HMI_Variables HMI_Batch function block HMI_Sequence Control function block HMI_Graphic Properties

Table 3-2 Related Documentation

4. Product support

4.1 New Features

Case	Description	Remarks
F2K-GE-002	PG2 Graphic elements in high performance style available	
F2K-GE-003	PG2 Faceplates in high performance style available	

Table 4-1 New Features

4.2 Fixed Problems

Case	Description	Remarks
F2K-GE-001	SizeDisplay for PG2 is available now. It defines the width and height of a graphic display.	
F2K-GE-006	faceplates show code names instead of readable texts	NLS aspect between Freelance connect and PC TKL harmonized

Table 4-2 Fixed Problems

4.3 Known Problems

Case	Description	Remarks
Installation	Refer to document 3BDA033713R5103EN Installation and Configuration	

Table 4-3 Known Problems

4.4 Technical Support

Contact ABB technical support at tech-support-system-solution@de.abb.com or you local ABB representative for assistance in problem reporting.

4.5 How to obtain

Product Marketing/ TechSalesSupport and Order placement: DEATG/CES; <mailto:tech-support-system-solution@de.abb.com> , Phone +49 (0)69 7930 4410

License cost is outlined in the Price List 3BDA033517E_PriceBook_SystemSolutions

4.6 Deliverables

CD-Rom or DVD Medium with PC Toolkit Library for Freelance and product documentation in English.



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