



System 800xA PC Interlock Viewer for AC800M Release Notes

System Version 5.1

NOTICE

The information in this document is subject to change without notice and should not be construed as a commitment by ABB. ABB assumes no responsibility for any errors that may appear in this document.

In no event shall ABB be liable for direct, indirect, special, incidental or consequential damages of any nature or kind arising from the use of this document, nor shall ABB be liable for incidental or consequential damages arising from use of any software or hardware described in this document.

This document and parts thereof must not be reproduced or copied without written permission from ABB, and the contents thereof must not be imparted to a third party nor used for any unauthorized purpose.

The software or hardware described in this document is furnished under a license and may be used, copied, or disclosed only in accordance with the terms of such license.

TRADEMARKS

All rights to copyrights, registered trademarks, and trademarks reside with their respective owners.

Copyright © 2014 ABB
All rights reserved.

Document number: 3BDA0335401R5103EN_Release Notes_PC Interlock Viewer for AC800M

Table of Contents:

1. Introduction	4
2. Functionality	5
3. Release Notes	5
3.1 Conditions, Restrictions and Remarks.....	5
3.2 Related Documents.....	5
4. Product support.....	6
4.1 New Features.....	6
4.2 Fixed Problems	6
4.3 Known Problems	6
4.4 Technical Support	8
4.5 How to obtain	8
4.6 Deliverables	8

1. Introduction

This document represents the Release Notes for PC Interlock Viewer for AC800M.

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.

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 Interlock Viewer for AC800M is a system extension for System 800xA. It is included into the PC Toolkit Library for AC800M as of V5.1-3 and can also be used as optional software package for any other AC800M library. It provides the capability to display interlocks as an additional aspect on predefined object types including upload configuration from the Control Builder M. User defined modules can also be included.

3. Release Notes

The PC Interlock Viewer for AC800M Version 5.1-0 has been released for delivery and plant operation. PC AC800M Interlock Display can be used as of 800xA SV5.1 and PC Toolkit Library for AC800M V5.1-3

3.1 Conditions, Restrictions and Remarks

- All hardware and software requirements are listed in the user instructions Industrial IT, 800xA Installation / Automated Installation (3BSE034678 and 3BSE034679).
- The System 800xA software must be installed prior to loading the Interlock Viewer for AC800M Setup.
- A new aspect called "Interlock Viewer" is now allocated to the faceplates. The old aspect "Interlock Display" needs to be deleted manually. Refer to **Fehler! Verweisquelle konnte nicht gefunden werden. Fehler! Verweisquelle konnte nicht gefunden werden.**
- Keep in mind that the high and low limits (H/L) of a control module are used to utilize the good range indication when High Performance Faceplates (HPHMI) are used. This applies for the object types PC_AI, PC_AICALC and PC_PIDx. On account on this the classic faceplate of a PC_AI with 6 limit switches shows 3 high and 3 low limits, whereas the faceplate with HPHMI style guide shows only 2 high and 2 low limits. The remaining pair of limits indicates the good range area (GH/GL). Maintenance people should be aware of this, otherwise they may go confused when comparing the control module configuration against the faceplate indication.

3.2 Related Documents

The following documents describe installation, configuration and operation with PC Toolkit Library for AC800M

Category	Document	Description
User Manual	3BDA035401R5103	PC Interlock Viewer

Table 3-1 Related Documentation

4. Product support

4.1 New Features

The version 5.1-1 of the PC Interlock Viewer contains new features against the PC AC800M Interlock Display V5.0-3.

- User view based Process Graphics 2. Can now easily included in graphic displays or faceplates.
- Support of the new diagram type for Function Designer and Control Builder M.
- Indication of code loops
- Support for object types (including nested objects types)
- Uploader functionality for whole Control Builder projects and applications.
- Support for CBM code analyzing also outside the current scope (CM, FD) including limited MMS support.
- Calculation of actual values for hidden variables for some basic function blocks (AND, OR, NOT, XOR, ADD, SUB, MUL, DIV, GT, GE, LT, LE).
- Usage of national language support (NLS) for interlock names and descriptions
- Multiple configuration aspects available for different library solutions and one project settings aspect that will not be overwritten during an update of the Interlock Viewer.

4.2 Fixed Problems

ID	Description	Remarks
	System Restore: Several error messages during 800xA system restore regarding the interlock display occur (ABB20111118-0007).	Fixed
	In same cases faceplates will displayed in black colors after open an interlock display (ABB20110920-0279)	Fixed

Table 4-1 Fixed problems

4.3 Known Problems

Some known issues are more important than others. Pay attention to the Workarounds, Clarifications and Helpful Hints provided, particularly for the issues that are marked Important.

ID	Description	Remarks
	Upload of configurations build with the CMD editor from Control Builder M may lead in none correct interlock indications.	CMD editor configurations are not supported in this release

ID	Description	Remarks
	Diagrams not supported	

Table 4-2 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

The PC AC800M Interlock Display is available as part of one of the following 800xA extensions:

- PC Toolkit Library for AC800M

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

- OGP REUSE Solutions for AC800M

OGP REUSE Solutions are being distributed and licensed through the OGP REUSE Team oilandgasreuseorderbox@no.abb.com. For support contact servicedesk.abb@oilcamp.com.

4.6 Deliverables

CD-Rom or DVD Medium with PC Toolkit Library for AC800M or OGP REUSE Solutions for AC800M.



3BDA0335401R5103EN_Release Notes_PC Interlock Viewer for AC800M

Germany 2014-02-12

Copyright © 2014 by ABB. All Rights Reserved

® Registered Trademark of ABB.

™ Trademark of ABB.

BU Oil, Gas and Petrochemical

Frankfurt, Germany

www.abb.com/Chemicals