

# **800xA - Device Management PROFIBUS**

## **Device Type IFAK is Pro USB Version 3.0**

### **Release Notes**

#### **Introduction**

This document represents the release notes for the device type *IFAK is Pro USB*.

This document provides a brief overview on functionality. It also enumerates known problems encountered in the final interoperability testing with the related device hardware, and identifies workarounds that help overcome the problem. The document contains additional notes that may be valuable to customers and service personnel working with this device type.

## Device Type Details

Table 1. Device Type Details

|                            |                |
|----------------------------|----------------|
| Vendor                     | IFAK           |
| Device Type                | is Pro USB     |
| Category                   | Gateway        |
| Protocol                   | PROFIBUS DP    |
| PNO ID                     | Not Applicable |
| GSD File Version / Date    | Not Applicable |
| Hardware/Software Revision | Not Applicable |

## New in this Version

Table 2. Revision History

| Library Wizard Name            | Changes                                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------------------------------|
| IFAK System is Pro USB V3.0-DP | First Release.<br>Available with<br>2PAA104085S01_x_en_DeviceObjectType_IFAK_System_is_Pro_USB_V3_0_DP.exe |

If installed in System 800xA 5.0 SP1 or higher it will result in Hardware Library IFAK\_System\_is\_Pro\_USB\_DP Version 3.0-0.

## Supported System

*Table 3. System 800xA (System 800xA 5.0 onwards)*

|                                        |                                                                     |
|----------------------------------------|---------------------------------------------------------------------|
| System Requirements                    | 800xA System 800xA 5.0 SP1 or higher system versions <sup>(1)</sup> |
| Hardware Library                       | IFAK_System_is_Pro_USB_DP Version 3.0-0                             |
| Supported Controller / PROFIBUS Master | Not Applicable                                                      |
| Supported Linking Devices              | Not Applicable                                                      |

(1) Check ABB SolutionsBank for Field Notification, to find out if this device type has any further limitations.

## Restrictions

PROFIBUS device types are created by ABB and tested for use in the 800xA system in connection with Device Management PROFIBUS & HART. ABB creates these device types based on data provided by individual device vendors (e.g. EDDs, GSDs, device-specific Device Type Managers (DTMs) and Asset Monitor behavior specifications), which ABB relies on as accurately reflecting the actual device specification and behavior. Therefore, ABB cannot assume liability for events that are caused by devices that are not functioning according to fieldbus standards, or device specifications, or for events that are caused by mismatches between the device behavior and the input data provided by the device vendor.

Device types installed via Device Library Wizard cannot be used or instantiated if the associated DTM is not installed.

Device-specific DTMs need to be installed on every 800xA system node on which the Device Management PROFIBUS & HART is executed. The DTM-specific licensing arrangements need to be taken into account.

DTMs installed on an 800xA system node must not be removed manually by the user unless explicitly described.

This device type contains a DTM that requires additional licensing, which is not subject to System 800xA and Device Management PROFIBUS licensing arrangements. The end user has to purchase the license directly from the device manufacturer.

## Installation



This object type can be installed with the Device Library Wizard tool only. For more details, please refer to ABB Device Library Wizard, User Instructions (2PAA102573R5011) in System 800xA 5.0 SP1.

Installation of this device type also installs a DTM. To install a DTM, please follow the on-screen instructions of that installer. For some DTMs, manual selection of the device type is required. For more details, refer to [Device Type Manager \(DTM\)](#) on page 5 in this document.

## Device Object Type Functionality in 800xA



For details about functionality and how to use it, please refer to the documentation of related 800xA's device management software for PROFIBUS.

### Documentation

Please select the following aspects in **Product Documentation** aspect to view documentation related to this device type.

1. User Manual.
2. Certificate of FDT Compliance.
3. PROFIBUS Master Interface Reference.

## Device Type Manager (DTM)

The DTM will be installed during setup of the device type via Device Library Wizard. User interactions may be required during installation or post installation. For more details, refer to section [Installation](#) on page 4 in this document.

*Table 4. Device Type Manager*

|                       |                                                                                                                                                                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DTM Type              | Device Specific DTM (is Pro Adapter V3)                                                                                                                                                                                                             |
| Version / Date        | 3.0.0.2009 / July 22,2008                                                                                                                                                                                                                           |
| FDT Version           | 1.2                                                                                                                                                                                                                                                 |
| Vendor                | IFAK Systems                                                                                                                                                                                                                                        |
| DTM License           | Required in addition to 800xA System license. The DTM license must be ordered to get full ABB support. The DTM installation can be executed without limitation whereas the DTM is usable in trial mode only. For details contact the device vendor. |
| Contact for Licensing | Kontakt@ifak-system.com                                                                                                                                                                                                                             |

## Asset Optimization

This functionality requires installation of 800xA Asset Optimization software and can be used if the corresponding system extensions have been loaded.



For more details, please refer to AO Configuration manual (3BUA000118R4101) and AO Operation manual (3BUA000150R4101).

Asset Optimization functionality for this device is available in aspect Asset Monitor.

Table 5. Asset Optimization Functionality

|                         |                             |
|-------------------------|-----------------------------|
| Asset Monitor(s)        | Asset Monitor Not Available |
| Asset Reporter / Viewer | Yes                         |
| CMMS Connectivity       | Maximo, SAP <sup>(1)</sup>  |

(1) SAP web view that allows direct interaction with the data is not a released functionality. Hence this access is not available.

Fixed Problems

Table 6 lists the critical or major issues that have been corrected since the previous version. A brief description of the correction is also been given.

Table 6. Fixed Problems

| Issue Fixed | Description |
|-------------|-------------|
| -/-         | -/-         |

Known Problems

Table 7 lists issues that may exist and affect the operation of the device type at time of release. Workarounds, clarifications, or helpful hints have been provided for each issue wherever possible.

Table 7. Known Problems

| Issue | Workaround |
|-------|------------|
| -/-   | -/-        |

## Support

Contact ABB technical support for assistance in problem reporting.





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