



Quick Guide

Article number:	AP3042
Article name:	App AC14 RFID DTA
Version:	1.0.0
AC14 firmware version:	>= V3.1.2
URL (main page):	http://<IP-Address*>:8080/dta.htm
URL (additional pages):	Slave addresses AS-i Master 1: http://<IP-Address*>:8080/rfid_1_1 http://<IP-Address*>:8080/rfid_1_2 ... http://<IP-Address*>:8080/rfid_1_31 Slave addresses AS-i Master 2: http://<IP-Address*>:8080/rfid_2_1 http://<IP-Address*>:8080/rfid_2_2 ... http://<IP-Address*>:8080/rfid_2_31
Languages:	German, English
Restrictions in demo mode:	The App will be stopped completely after the demo time of 20 minutes is expired.

* IP address of the AC14 configuration interface

Short description

Key functions of the ifm System Solutions App RFID DTA (AP3042):

- Automatic scanning of both AS-i networks on availability of RFID Read- or Read-/ Write head of the product series DTA (DTA100, DTA200, DTA300)
- Displaying of the read RFID tag-values.
- Manually writing of RFID tag-values.
- Automatically writing of RFID tag-values
 - Desired values with adjustable limits.
 - Optional: write only new tags. Existing tags which already have a tag number are not influenced.
- Writing of RFID tag-values via the AC14 fieldbus:
 - AC1401/02: Profinet
 - AC1411/12: Profibus
 - AC1421/22: EtherNet/IP
- Displaying the Reading history of each connected RFID head. That function contains the last 20 values including timestamp information. The reading history isn't saved power-failure-proof.



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Groundworks for using the ifm System Solutions App

Nothing to do

The user interface

Main page: http://<IP-Address*>:8080/dta.htm

Selection AS-i Master 1 or 2 Start Network-Scan Selection of the RFID writing functions Language selection

System solution for RFID DTA

AS-i address	Type
2	<input checked="" type="checkbox"/> read/write head
3	<input checked="" type="checkbox"/> read/write head
4	<input checked="" type="checkbox"/> read/write head
5	<input checked="" type="checkbox"/> read/write head

RFID writing functions

- Write tags manually
- Write tags automatically
- Write tags via fieldbus

AS-i Master 1, Slave 3

Current value: 3

RFID data

List of the available RFID heads after scanning

Differentiation Read- or Write/Read head.

Context menu of the selected RFID head and the selected RFID writing function.

Link to the URL of the history page of the selected RFID head.



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History page of a selected RFID head:
http://<IP-Address*>:8080/rfid_n_m.htm

Return to main page

The screenshot shows a web browser window with the URL `192.168.10.14:8080/dta.htm`. The page title is "AS-i Master 1, Slave 3". Below the title is a "Configuration page" section containing a table with the following data:

Current value:	3	2014-11-20-10:06:23
Last value (n):	3	2014-11-20-08:58:35
Value n-1:	0	
Value n-2:	0	
Value n-3:	0	
Value n-4:	0	
Value n-5:	0	
Value n-6:	0	

At the bottom right of the page, there are two language selection icons: a German flag and a UK flag. A red arrow points from the text "Return to main page" to the top left of the page. Another red arrow points from the text "List of reading history (20 values including timestamp information)" to the table. A third red arrow points from the text "Language selection" to the language icons.

Writing RFID tags via the fieldbus

