

FDI Device Package Ethernet-APL Rail Field Switch ic

Software Release Notes



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Software Details

Software Name:	FDI Device Package Ethernet-APL Rail Field Switch ic
Release Version:	1.5.146
Release Date	27/Jun/2024
Description	FDI Device Package for Ethernet-APL Rail Field Switch ic

1. Software Version 1.5.146

1.1 Supported Products

- ARS*-*-IC*-* , requires at least PANOS firmware version 1.3.0

1.2 New features

- SFP physical layer data supported
- Temperature stress diagnostics and lifetime prognostics supported
- PROFINET port configuration can be ignored to allow disabling of ports if the DCS system does not handle port settings over PROFINET

1.3 Changed features

- Update of product documentation

1.4 Bug Fixes

- None

2. Software Version 1.4.128

2.1 Supported Products

- ARS*-*-*-*-*IC*-*-* requires at least PANOS firmware version 1.2.0

2.2 New features

- None

2.3 Changed features

- Update of GSDML file
- Update of product documentation

2.4 Bug Fixes

- Data rate for Dev port is not supported by device – removed from FDI package
- SNMP community strings are not evaluated in FDI package whether they are valid
- Alert timestamp is shown as edited in some FDI hosts, although it is a read-only value

3. Software Version 1.3.103

3.1 Supported Products

- ARS*-***-IC****, requires at least PANOS firmware version 1.2.0

3.2 New features

- Network communication load and communication error rates for Ethernet ports
- Communication statistics for PROFIBUS PA
- Alert reporting to a PROFINET controller (DCS alarming) can be disabled without disabling alerts shown at the web interface and FDI package
- Diagnostic shows hints about disabled or acknowledged alarms and disabled DCS alarming
- Status of the bulk power supply connection is shown at the diagnostics details of the device

3.3 Changed features

- Update of product documentation

3.4 Bug Fixes

- None

4. Software Version 1.2.85

4.1 Supported Products

- ARS*-*-*IC*-* , requires at least PANOS firmware version 1.1.1

4.2 New features

- None

4.3 Changed features

- Update of GSDML file
- Update of product documentation

4.4 Bug Fixes

- None

5. Software Version 1.2.83

5.1 Supported Products

- ARS*-***-IC****, requires at least PANOS firmware version 1.1.1

5.2 New features

- FDI Package supports more parameters in the offline configuration menu
- FDI Package is digitally signed

5.3 Changed features

- Read performance of switch parameters is optimized for faster access
- Performance improvements for FDI Hosts using Common Host Components 1.5.1 (e.g. ABB Field Information Manager 2.4)
- Device information like serial number is also shown in the "Settings" menu as some FDI hosts don't provide the "Maintenance" menu

5.4 Bug Fixes

- SNMP parameters cannot be changed if SNMP is enabled/disabled by a PROFINET AR

6. Software Version 1.1.55

6.1 Supported Products

- ARS*-***-IC****, requires at least PANOS firmware version 1.1.0

6.2 Changes

- Initial Release

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