FDI Device Package
Ethernet-APL
Rail Field Switch ARS*-IC*

Software Release Notes

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Software Details

Software Name:	FDI Device Package Ethernet-APL Rail Field Switch ARS*-IC*
Release Version:	1.6.200
Release Date	14/Oct/2024
Description	FDI Device Package for Ethernet-APL Rail Field Switch ARS*-IC*

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1. Software Version 1.*

1.1 Software Version 1.6.200

1.1.1 Supported Products

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

1.1.2 Changed features

- Reduced requirement for minimum firmware version to 1.2.0.
  Beside Firmware version 1.3.0 and newer this package also supports all firmware versions 1.2.*. If this package is used with Firmware 1.2.* the new features of FDI Package 1.5.146 (see below) are not available but the FDI package itself is compatible to 1.2.* firmware and all other functions of previous FDI Packages are available. The product documentation included in the FDI Package describes all functionality of Firmware Version 1.3.0.

1.2 Software Version 1.5.146

1.2.1 Supported Products

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

1.2.2 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

1.2.3 Changed features

- Update of product documentation

1.2.4 Bug Fixes

- None

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1.3 Software Version 1.4.128

1.3.1 Supported Products

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

1.3.2 New features

- None

1.3.3 Changed features

- Update of GSDML file

- Update of product documentation

1.3.4 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

1.4 Software Version 1.3.103

1.4.1 Supported Products

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

1.4.2 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

1.4.3 Changed features

- Update of product documentation

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1.4.4   Bug Fixes

- None

1.5   Software Version 1.2.85

1.5.1   Supported Products

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

1.5.2   New features

- None

1.5.3   Changed features

- Update of GSDML file

- Update of product documentation

1.5.4   Bug Fixes

- None

1.6   Software Version 1.2.83

1.6.1   Supported Products

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

1.6.2   New features

- FDI Package supports more parameters in the offline configuration menu

- FDI Package is digitally signed

1.6.3   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

1.6.4   Bug Fixes

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

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1.7 Software Version 1.1.55

1.7.1 Supported Products

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

1.7.2 Changes

- Initial Release

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