



Indian Common Criteria Certification Scheme (IC3S)

Government of India

Ministry of Electronics & Information Technology, STQC Directorate
6 CGO Complex, New Delhi 110003

Certificate of Product Evaluation

Certificate Number: IC3S/KOL01/ADVA/EAL2/0520/0021

Product Name: Scalable Optical Transport Solution FSP 3000R7 Operating System (CC),
Version R7 Rel.17.2.4

Assurance Level: EAL 2

Certificate Report No: IC3S/KOL01/ADVA/EAL2/0520/0021 /CR
Version: 1.0,

Dated: 06-01-2021

The product identified in the certificate has been evaluated under the terms and conditions of the Indian Common Criteria Certification Scheme (IC3S), at Common Criteria Test Laboratory, ERTL (East), Kolkata, India the accredited testing laboratory using the Common Methodology for IT Security Evaluation (Version 3.1 Revision 5) for conformance to the Common Criteria for IT Security Evaluation (Version 3.1 Revision 5).

This certificate applies only to specific version and release of the product in its evaluated configuration (Refer Annexure and Certification Report). The product's functional and assurance security specifications are contained in the Security Target, and the conclusions of the Common Criteria Testing Laboratory in the evaluation technical report are consistent with the evidence produced.

This certificate is not an endorsement of the product by any agency of the Government of India and no warranty of the product is either expressed or implied.

Date of Issue: 06.01.2021

Head IC3S Certification Body

Certificate Expiry: 05.01.2026





Annexure to Common Criteria Certificate Number: IC3S/KOL01/ADVA/EAL2/0520/0021

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The product below has been evaluated under the terms of Indian Common Criteria Certification Scheme (IC3S) and has met the stated Common Criteria requirements. The scope of the evaluation and the assumed usage environment are specified in the body of Certification Report No. IC3S/KOL01/ADVA/EAL2/0520/0021/CR Version: 1.0, Dated: 13-11-2020, which is available in the website: www.commoncriteria-india.gov.in

Sponsor	M/s ADVA OPTICAL NETWORKING SE, Fraunhoferstr.9a 82152 Martinsried, Munich, Germany						
Developer	M/s ADVA OPTICAL NETWORKING SE, Fraunhoferstr.9a 82152 Martinsried, Munich, Germany						
Security Target Reference Identification	FSP 3000R7 Operating System Release 17.2.4 Common Criteria Certification Security Target, version 2.0						
Product and Version	Scalable Optical Transport Solution FSP 3000 Operating System, version R7 Rel. 17.2.4 and its related guidance documentation. TOE in short: FSP 3000R7 Operating System (CC) TOE Version: R7 Rel.17.2.4						
Target of Evaluation	Scalable Optical Transport Solution FSP 3000 Operating System, version R7 Rel. 17.2.4 and its related guidance documentation. TOE in short: FSP 3000R7 Operating System (CC) TOE Version: R7 Rel.17.2.4						
Evaluated Configuration	<table border="1"><thead><tr><th>TOE Component</th><th>Description</th></tr></thead><tbody><tr><td>NCU-II operating system</td><td>Part of the NCU-II card is the operating system of the FSP 3000R7 family. The evaluated NCU-II operating system is Error! Reference source not found.</td></tr><tr><td>Users' Manual (AGD_OPE)</td><td>In addition the following guidance documents are part of the TOE:<ul style="list-style-type: none">FSP3000R7_R17.2_Network_Element_Director_IssB.pdfFSP3000R7_R17.2_Network_Element_Director_Quick_Start_Guide_IssA.pdfFSP3000R7_R17.2_Provisioning_and_Operations_Manual_IssA.pdfFSP3000R7_R17.2_Safety_Guide_IssB.pdfFSP3000R7_R17.2_System_Description_IssB.pdfFSP3000R7_R17.2_TL1_Commands_and_Syntax_Guide_IssA.pdfFSP3000R7_R17.2_TL1_Maintenance_and_Troubleshooting_Manual_IssA.pdfFSP3000R7_R17.2_TL1_Module_Parameters_Guide_IssA.pdfFSP 3000R7_R17.2_Network_Hypervisor_User_Guide_IssA.pdfFSP3000R7_R17.2_Hardware_Description_IssB.pdfFSP3000R7_R17.2_High-Density_Subshelf_Guide_IssB.pdfFSP3000R7_R17.2_Installation and Commissioning_Manual_IssB.pdfFSP3000R7_R17.2_Maintenance_and_Troubleshooting_Manual_IssA.pdfFSP3000R7_R17.2_Management_Data_Guide_IssB.pdfFSP3000R7_R17.2_Module_System_Specification_IssB.pdfFSP3000R7 Secure System Configuration Guide 17.2.4.pdf</td></tr></tbody></table>	TOE Component	Description	NCU-II operating system	Part of the NCU-II card is the operating system of the FSP 3000R7 family. The evaluated NCU-II operating system is Error! Reference source not found.	Users' Manual (AGD_OPE)	In addition the following guidance documents are part of the TOE: <ul style="list-style-type: none">FSP3000R7_R17.2_Network_Element_Director_IssB.pdfFSP3000R7_R17.2_Network_Element_Director_Quick_Start_Guide_IssA.pdfFSP3000R7_R17.2_Provisioning_and_Operations_Manual_IssA.pdfFSP3000R7_R17.2_Safety_Guide_IssB.pdfFSP3000R7_R17.2_System_Description_IssB.pdfFSP3000R7_R17.2_TL1_Commands_and_Syntax_Guide_IssA.pdfFSP3000R7_R17.2_TL1_Maintenance_and_Troubleshooting_Manual_IssA.pdfFSP3000R7_R17.2_TL1_Module_Parameters_Guide_IssA.pdfFSP 3000R7_R17.2_Network_Hypervisor_User_Guide_IssA.pdfFSP3000R7_R17.2_Hardware_Description_IssB.pdfFSP3000R7_R17.2_High-Density_Subshelf_Guide_IssB.pdfFSP3000R7_R17.2_Installation and Commissioning_Manual_IssB.pdfFSP3000R7_R17.2_Maintenance_and_Troubleshooting_Manual_IssA.pdfFSP3000R7_R17.2_Management_Data_Guide_IssB.pdfFSP3000R7_R17.2_Module_System_Specification_IssB.pdfFSP3000R7 Secure System Configuration Guide 17.2.4.pdf
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Environment	The TOE consists of the operating system of the NCU-II. The is installed in the Network Control Unit (NCU II card.). NCU-II is supported per network element. One NCU-II is able to manage a complete network element. The NCU-II installed in the master shelf and requires a shelf control unit (SCU, SCU-S, SCU-II) in each (master + any additional) shelf to communicate with the modules. To ensure that sensitive data is transmitted to and from the TOE the TOE will provide encryption for these communication paths between themselves and the endpoint. These channels are implemented using following standard protocols: HTTPS (TLS), SH, and SNMPv3. The hardware (mainboard, casing, interface modules) is not in the scope of the evaluation unless addressed by any assumption relating the operational environment.						
Compliance to CC Part 2	Compliant with extended components						
Compliance to CC Part 3	Compliant						
Evaluation Assurance Level (EAL)	EAL 2						
Evaluation Lab	Common Criteria Test Laboratory, ERTL (East), Kolkata, India						
Date Authorized	25-02-2019						

Date of Issue: 06.01.2021



Head IC3S Certification Body