



CRYPTOGRAPHIC ITEM - Updated on July 26, 2024

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FILE NUMBER

ANSSI AES New Instructions (AES NI) 0903111	<u>0903111</u>
BEFDSR41W (Linksys)	0302053
BEFW11S4 (Linksys)	0302056
Bridged telnet application	0104032
Cisco - Linksys AExxx-EU Wireless-N USB adapter version 1.0	<u>1202088</u>
Cisco - Linksys Powerline Wireless Network Extender v1.0	1112659
Cisco - Linksys RE1xxx Wireless-N Range Extender v1.0	1111600
Cisco - Linksys Wireless-N Ethernet Bridge v1.0	1111601
Cisco - Linksys X Series Advanced Wireless-N ADSL2+Modem Routers versions X2xxx and X3xxx 1.0	1110507
Cisco ISR Family	20060151
Cisco 200E Series Smart Switch	1209615
Cisco 59xx Series Embedded Services Router (ESR)	<u>18090374</u>
Cisco 5xx Wireless Express Access Point. Ver. 0 and what follows	<u>0708295</u>
Cisco 5xxx series Wireless Controller	<u>17090492</u>
Cisco 7920 Wifi IP Phone	0307221
Cisco 79xx IP Phone family	0810548
Cisco 86x series ISR, 88x series ISR and IOS software for Cisco 86x and 88x ISR routers.	<u>0906239</u>
Cisco Advanced Malware Protection (AMP) for FirePOWER ver. 1.0	19100419
Cisco Air WGB 352C	0105136
Cisco Aironet 11xx and 12xx with AES (belongs to Aironet 1xxx series)	<u>0509287</u>
Cisco Aironet 15xx Series Outdoor Access Points version 1.0 & Aironet 15xx Outdoor Wireless Mesh Access Point	<u>17120660</u>
Cisco Aironet 16xx Series Access Points, ver 7.3.x.x	1302093
Cisco Aironet 18xx, 28xx & 38xx, 48xx Series Access Points ver.1,700W	<u>17090512</u>
Cisco Aironet 1xxx series version IOS 12.x (Airespace)	0307221
Cisco Aironet 26xx Series Access Points v. 7.2.x.x	1207473
Cisco Aironet 340 Series – Version 10 onwards (DES 128) Chiffrement WEP	012387
Cisco Aironet 35x – Version 11 and later versions (including SSH software)	<u>0501024</u>
Cisco Aironet 35xx and 36xx Series Access Points V. 7.1.x.x	1202095
Cisco ASA 8.3 Software with Intercompany Media Engine	16080543
Cisco ASA 8.x (Also covers the ASA 55xx family; version ASA 552x, 553x, 554x ...)	21060129
Cisco ASR 5000 version 1.0	16090584
Cisco ASR 9xx version 1, 10xx,	<u>17070353</u>
Cisco Call Manager (CCM) et Cisco Unified Communication Manager (CUCM)	20060172
Cisco Catalyst 36xx, 38xx, 45xx & 9xxx Series	<u>18090373</u>
Cisco Catalyst 65xx and 65xx-E series Sup2T supervisor	<u>16090607</u>
Cisco Common Services Platform Collector (CSPC) version 1	<u>19070292</u>
Cisco ConfD, Network Control System (NCS) & Network Service Orchestration (NSO)	20060161
Cisco Connected Grid Design Suite (CGDS) version 1.0	<u>19020108</u>
Cisco CVR 100 Series Wireless Router version 100W	1305380

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Cisco D90xx Modular Video Encoder Ver. 1	16090602
Cisco D9854/D9854-I Advanced Program Receiver ver. 1.0.	16070394
Cisco D9858 Advanced Receiver Transcoders version 1.0.	16090587
Cisco D9865 Satellite Receiver Ver. 1	16090585
Cisco SourceFire Virtual 3D Sensor & Defense Center	19090363
Cisco Desktop Encryption Plugin ver.	1108413
Cisco Edge 300	1205305
Cisco eGain Solution Plus Program	19070293
Cisco Emergency Responder (CER) version 2.0	19070294
Cisco Finesse v9.x Software	18080347
Cisco Firepower 9xxx Security Appliance, also including Firepower appliances 8k,7k,4k,2k,1k, Cisco Sourcefire Series 3 Sensors, Firepower appliance VPN licences and Firepower NGFW	21030092
Cisco IEP (Interactive experience platform) & IEC (Interactive Experience Client) software	18070273
Cisco Internet Protocol Interoperability and Collaboration Systems (IPICS)	17080431
Cisco Intrusion Prevention System (IPS)/IDS/IDSM-2 Software and Hardware version 6.	17120626
Cisco IOS with 160-bit Seal version 12.4; also cover Cisco IOS Triple DES (DES-168) for routers & IPSEC firewall; also cover Cisco IOS Software AES for routers 8xx; 17xx 26xx; 36xx; 37xx; 18xx; 28xx; 38xx; 72xx; 73xx (encryption for Cisco 18xx, Cisco 28xx, Cisco 38xx routers).	16050246
Cisco IP Communicator software and IP Telephony Endpoint	0709329
Cisco IP Phone 7800 Series version 1.0	1311905
Cisco ISA 500 Series	1210682
Cisco Jabber for iPad Software Application	1206419
Cisco Jabber IM Client for CIUS	1207472
Cisco Jabber IM Client for iPhone	1206427
Cisco Jabber IM for BlackBerry	1202068
Cisco Jabber Software for Android	1206429
Cisco Jabber Software for iPhone	1211689
Cisco Jabber Software for the Mac	1206428
Cisco Jabber Software for Windows	1206426
Cisco Linksys Powerline Network Adapter v1.0	1205338
Cisco Linksys Wireless N Routers version E42xx v.1.0 (also covers E1200-EW, E1500-EW, E2500-EW, E3200-EW & X3000-EW)	1104203
Cisco Linksys Wireless-N Access Point, WAP300N-XX v.1.0	1305392
Cisco MDS	19070293
Cisco Media Experience Engine (MXE) 3500	16050263
Cisco Meeting Server Version 1	16090586
Cisco Meraki MCxx Wireless IP Phone ver1.0	17110585
Cisco Meraki MR Series Cloud Managed Access Points version 1.0	19020103
Cisco Meraki MS Series Cloud Managed Switches version 1.0	19090364
Cisco Meraki MX Series Security Appliances version 1.0	19060272
Cisco Meraki Z1 & Z3	19060247
Cisco NetFlow Generation Appliance (NGA) Hardware and Software version 3140	18080339
Cisco Nexus Family	20060160

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Cisco Power VU D9190 Conditional Access Manager (PCAM)	18070283
Cisco Router and Security Device Manager (SDM)	19110491
Cisco RV1xx and RV2xx Wireless-N VPN Firewall Series network appliances.	1110508
Cisco RV320 Software and Security Appliance	1303203
Cisco Secure IDS/IPS - 42xx (Intrusion Detection System)	0310307
Cisco Secure Unix Server	0960137
Cisco Security Gateway Software (SecGW), Quantum Virtual Packet Core Software (QvPC-VSM), Virtualized Services Module (VSM) Blade - for ASR 9000	20060168
Cisco Small Business Pro ESW 52x and ESW 54x series switch family	0910451
Cisco Small Business Unified Communication 300 version 1	14020207
Cisco Spark Board	18040163
Cisco Stealthwatch Endpoint S/W	17120659
Cisco storage router - SN54xx, version 1 and later versions; Série SN54xx Storage Router.	0307202
Cisco Codec Series and Integrated Endpoints version 1.0	18110471
Cisco Telepresence ISDN Gateway 32xx Series	17070354
Cisco TelePresence MCU 5300 Series version 1.0	18040170
Cisco Telepresence System Endpoint (codec) (CTS); Cisco Telepresence System Manager Appliance	19020104
Cisco Threat Response software (CTR)	401034
Cisco UCS-MS Systems Center Tools Modules	18040169
Cisco Unified Contact Center Enterprise (UCCE) (renewal)	21040150
Cisco Unified IP Phone 8831 version 1.0	1311906
Cisco UPC 1.0 (CUPC) / Unified Personal Communicator	0801007
Cisco VC2xx Internet Video Camera, VC2xx Cam S/W, VC3xx Internet Video Camera, VC3 Cam S/W, NVR2xx Network Video Recording H/W, S/W Video Monitoring Application.	1005215
Cisco VEN 4xx Video Bridge Solution version 1.0	1202100
Cisco VG 350 Voice Gateway Hardware and Software	17090473
Cisco Video Surveillance Media Server (CIVS products)	809512
Cisco Virtual Desktop Service (VDS)	1203153
Cisco VPN Client Software	1211725
Cisco VPN Module versions standard, 2 and 2+ (also covers AIM-VPN, EP11, VAM2 EP11 Plus, HP11, HP11 Plus, BP11, BP11 Plus, SA - VPN Encryption Module)	16050262
Cisco WAAS (Wide Area Application Services)	17090504
Cisco Web Unified Communications(UC) SDK Software	1106317
Cisco Webex Connect logiciel, Cisco Webex Meeting Service logiciel version 1.x	0909391
Cisco Webex Meeting Server Software	1302094
Cisco WebEx Mobile Application Software for Mobile Devices	1205324
Cisco WIP3xx and Cisco SPA5xx	1003080
Cisco Wireless Controllers Products Ver. 1	18080360
Cisco Wireless Services Module (WiSM2)	16050250
Cisco WRV210 Wireless-G VPN Router and Cisco WRVS4400N Security Router version 1.0	1307544
EuroDOCSIS 3.x Cable Modem	1103174

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Exalt ExtendAir r5005 (Exalt Communication) Hardware and Software	18040171
IOS 56 & 128 bits IPSEC	09905113
IOS 56 bits	0960293
Ironport email security appliances (C-series and X series); Web security appliances (S series); security management appliances (M series); & software (Ironport CXSM)	19020085
NTA (Network Traffic Analyzer)(id. as Cisco IDS/IPS 42xx)	0303084
Orative enterprise server (Cisco Unified Mobility Advantage aka CUMA); Client Software family (Cisco unified Mobility Communicator aka CUMC)	1310793
TANDBERG - Codian MCU 4200 Series, MCU 4500 Series	0808440
TANDBERG Advanced Media Gateway	1003095
TANDBERG C40 codec	1002048
TANDBERG Codian IP VCR 2200 series	0808439
TANDBERG Codian Telepresence Server TS8710 and TS7000 series	0906257
TANDBERG Compliance Appliance	0906241
TANDBERG EX90	1003093
TANDBERG: 150 MXP, 550 MXP, 1000 MXP, 770 MXP, 880 MXP, 990 MXP, Codec 3000 MXP, Tactical MXP, Maestro MXP, 3000 MXP Portable, Edge 75, Edge 85, Edge 95, MXP, 3000 MXP Profile, 1700 MXP, Intern MXP, Compass MXP, Utility MXP, Codex 6000 MXP, 8000 MXP Profile, 6000 MXP Portable, 6000 MXP Profile, Director MXP, Educator MXP, MPS 200, MCU, MPS 800 and Gateway.	0808431
Viptela vEdge version 100, 1000 & 2000	17050279
VMware ESX (vSphere) 3.x	1112685
WAG 54 G (Linksys)	0311367
WAP 11 version 2.6 (Linksys)	0302057
WAP 54 G (Linksys)	0311363
WCF 12 (Linksys)	0302058
WCG 200 Version 1 and Version E (Linksys)	0501001
WET 11 (Linksys)	0302059
WMP 54 G (Linksys)	0311359
WMP 54 GS (Linksys)	0410304
WPC 11 (Linksys)	0302060
WPC 54 G (Linksys)	0311365
WPS 54 G Version Speedbooster	0501017
WPS 54 GU2 Version 1 (Linksys)	0312394
WRT 54 G (Linksys)	0311361
WRT 54 GS (Linksys)	0410303
WUSB 11 version 2.6 (Linksys)	0302061
WVC 11B	0312393
Cisco Application Policy Infrastructure Controller (APIC)	19070322
Cisco Ultra Cloud Core	20060152
Cisco UC-One	20040076
Cisco Cybervision	20020062
Cisco C8xxx Family Cloud Edge router series	20100310
Cisco Crosswork Optimization Engine	20120413
Cisco Meraki MT Family	20120412
Cisco VIM	20070202

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HyperFlex Data Platform	21120449
UCS Servers Unified Computing System (UCS)	21120448
Intersight	22060168
Nexus Dashboard Virtual	22060152
AppD Cloud	22100248
Industrial Ethernet Series Switches	22100249
Meraki Go GR	22100250
Identity Services Engine (ISE)	22080209
Cisco Catalyst AP 91xx	23090130
Cisco Edge Intelligence	23070086
Cisco Silicon One A100 ASIC	23080126
Cisco Coherent Transponder Module -CFP	23080125
Cisco Coherent Optics Module - DP0	23040048
Cisco Expressway	23040047
Cisco Umbrella	23080108
Cisco SDWAN vEdge	24050041
Cisco 9K Catalyst Switches	24030020

**Cisco Products R226 authorizations -
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**For any further information please contact:
jgriviau@cisco.com**

R226 Authorization number	Product / Chassis	Image Name	Expiration Date
AUTORISATION pour Production	ASR9000	IOS XR 4.x	
1303 IEOLV 124	ASR9000 Serie (9001, 9006, 9010, 9022)	IOS XR R4.x IP/MPLS Core Software 3DES 4.0	4/2/2019
AUTORISATION pour Production	ASR9000	IOS XR 6.1.x	
1703 IEOLV 99	ASR9000 Serie (9001, 9910, 9904, 9006, 9010)	IOS XR R6.1.x	4/2/2018
AUTORISATION pour Production	UBR10K	IOS 12.2	
1303 IEOLV 125	UBR10012 Universal Broadband Router	IOS 12.2 SC.x.y	4/2/2019
AUTORISATION pour Production	CBR8	IOS 15.0 S	
1501 IEOLV 45	CBR8 Converged Broadband Router	IOS 15.0 S (Build x.y)	1/23/2021
AUTORISATION pour Production	ASR5500	Release 17.x	
1503 IEOLV 148	ASR5500 - MME	MME 17.x	3/30/2016
1503 IEOLV 146	ASR5500 - SGW	SGW 17.x	3/30/2016
1503 IEOLV 151	ASR5500 - PGW	PGW 17.x	3/30/2016
1503 IEOLV 150	ASR5500 - PGW/ECS	Option ECS du produit PGW 17.x	3/30/2016
1503 IEOLV 152	ASR5500 - SGSN	SGSN 17.x	3/30/2016
1503 IEOLV 147	ASR5500 - GGSN	GGSN 17.x	3/30/2016
1503 IEOLV 145	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 17.x	3/30/2016
1503 IEOLV 149	ASR5500 - ADC	Option ADC du produit ASR5500 17.x	3/30/2016
AUTORISATION pour TEST	QVPC-DI	Release 17.x	
1503 I 125	QVPC - MME	MME 17.x	3/30/2018
1503 I 124	QVPC - SGW	SGW 17.x	3/30/2018
1503 I 122	QVPC - PGW	PGW 17.x	3/30/2018
1503 I 127	QVPC - PGW/ECS	Option ECS du produit PGW 17.x	3/30/2018
1503 I 123	QVPC - SGSN	SGSN 17.x	3/30/2018
1503 I 129	QVPC - GGSN	GGSN 17.x	3/30/2018
1503 I 128	QVPC - GGSN/ECS	Option ECS du produit GGSN 17.x	3/30/2018
1503 I 126	QVPC - ADC	Option ADC du produit QVPC 17.x	3/30/2018

AUTORISATION pour Production	ASR5000	Release 17.x	
1501 IEOLV 20	ASR5000 - MME	MME 17.x	1/31/2016
1501 IEOLV 24	ASR5000 - SGW	SGW 17.x	1/31/2016
1501 IEOLV 22	ASR5000 - PGW	PGW 17.x	1/31/2016
1501 IEOLV 23	ASR5000 - PGW/ECS	Option ECS du produit PGW 17.x	1/31/2016
1501 IEOLV 19	ASR5000 - SGSN	SGSN 17.x	1/31/2016
1501 IEOLV 21	ASR5000 - GGSN	GGSN 17.x	1/31/2016

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jgriviau@cisco.com**

R226 Authorization number	Product / Chassis	Image Name	Expiration Date
1501 IEOLV 112	ASR5000 - GGSN/ECS	Option ECS du produit GGSN 17.x	1/31/2016
1501 IEOLV 18	ASR5000 - ADC	Option ADC du produit ASR5000 17.x	1/31/2016

AUTORISATION pour Production	ASR5000	Release 18.x (x>=3)	
1509 IOELV 779	ASR5000 - MME	MME 18.x (x>=3)	9/21/2021
1509 IOELV 685	ASR5000 - SGW	SGW 18.x (x>=3)	9/21/2021
1509 IOELV 775	ASR5000 - PGW	PGW 18.x (x>=3)	9/21/2021
1509 IOELV 780	ASR5000 - PGW/ECS	Option ECS du produit PGW 18.x (x>=3)	9/21/2021
1509 IOELV 724	ASR5000 - SGSN	SGSN 18.x (x>=3)	9/21/2021
1509 IOELV 782	ASR5000 - GGSN	GGSN 18.x (x>=3)	9/21/2021
1509 IOELV 783	ASR5000 - GGSN/ECS	Option ECS du produit GGSN 18.x (x>=3)	9/21/2021
1509 IOELV 778	ASR5000 - ADC	Option ADC du produit ASR5000 18.x (x>=3)	9/21/2021

AUTORISATION pour Production	ASR5500	Release 18.x (x>=3)	
1509 IOELV 771	ASR5500 - MME	MME 18.x (x>=3)	9/21/2021
1509 IOELV 774	ASR5500 - SGW	SGW 18.x (x>=3)	9/21/2021
1509 IOELV 781	ASR5500 - PGW	PGW 18.x (x>=3)	9/21/2021
1509 IOELV 772	ASR5500 - PGW/ECS	Option ECS du produit PGW 18.x (x>=3)	9/21/2021
1509 IOELV 776	ASR5500 - SGSN	SGSN 18.x (x>=3)	9/21/2021
1509 IOELV 777	ASR5500 - GGSN	GGSN 18.x (x>=3)	9/21/2021
1509 IOELV 773	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 18.x (x>=3)	9/21/2021
1509 IOELV 766	ASR5500 - ADC	Option ADC du produit ASR5500 18.x (x>=3)	9/21/2021

AUTORISATION pour TEST	VPC-DI	Release 18.x	
1509 I 681	VPC - MME	MME 18.x	9/21/2018
1509 I 674	VPC - SGW	SGW 18.x	9/21/2018
1509 I 676	VPC - PGW	PGW 18.x	9/21/2018
1509 I 675	VPC - PGW/ECS	Option ECS du produit PGW 18.x	9/21/2018
1509 I 677	VPC - SGSN	SGSN 18.x	9/21/2018
1509 I 680	VPC - GGSN	GGSN 18.x	9/21/2018
1509 I 679	VPC - GGSN/ECS	Option ECS du produit GGSN 18.x	9/21/2018
1509 I 678	VPC - ADC	Option ADC du produit vPC-DI 18.x	9/21/2018

AUTORISATION pour Production	ASR5000	Release 19.x	
1511 IOELV 875	ASR5000 - MME	MME 19.x	11/23/2021
1511 IOELV 867	ASR5000 - SGW	SGW 19.x	11/23/2021
1511 IOELV 877	ASR5000 - PGW	PGW 19.x	11/23/2021
1511 IOELV 876	ASR5000 - PGW/ECS	Option ECS du produit PGW 19.x	11/23/2021
1511 IOELV 878	ASR5000 - SGSN	SGSN 19.x	11/23/2021

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1511 IOELV 879	ASR5000 - GGSN	GGSN 19.x	11/23/2021
1511 IOELV 872	ASR5000 - GGSN/ECS	Option ECS du produit GGSN 19.x	11/23/2021
1511 IOELV 873	ASR5000 - ADC	Option ADC du produit ASR5000 19.x	11/23/2021

AUTORISATION pour Production	ASR5500	Release 19.x	
1511 IOELV 890	ASR5500 - MME	MME 19.x	11/23/2021
1511 IOELV 880	ASR5500 - SGW	SGW 19.x	11/23/2021
1511 IOELV 868	ASR5500 - PGW	PGW 19.x	11/23/2021
1511 IOELV 869	ASR5500 - PGW/ECS	Option ECS du produit PGW 19.x	11/23/2021
1511 IOELV 870	ASR5500 - SGSN	SGSN 19.x	11/23/2021
1511 IOELV 881	ASR5500 - GGSN	GGSN 19.x	11/23/2021
1511 IOELV 871	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 19.x	11/23/2021
1511 IOELV 874	ASR5500 - ADC	Option ADC du produit ASR5500 19.x	11/23/2021

AUTORISATION pour Production	ASR5000	Release 20.x	
1703 IOELV 129	ASR5000 - MME	MME 20.x	4/2/2018
1703 IOELV 129	ASR5000 - SGW	SGW 20.x	4/2/2018
1703 IOELV 129	ASR5000 - PGW	PGW 20.x	4/2/2018
1703 IOELV 129	ASR5000 - PGW/ECS	Option ECS du produit PGW 20.x	4/2/2018
1703 IOELV 129	ASR5000 - SGSN	SGSN 20.x	4/2/2018
1703 IOELV 129	ASR5000 - GGSN	GGSN 20.x	4/2/2018
1703 IOELV 129	ASR5000 - GGSN/ECS	Option ECS du produit GGSN 20.x	4/2/2018
1703 IOELV 129	ASR5000 - ADC	Option ADC du produit ASR5000 20.x	4/2/2018

AUTORISATION pour Production	ASR5500	Release 20.x	
1703 IOELV 121	ASR5500 - MME	MME 20.x	4/2/2018
1703 IOELV 121	ASR5500 - SGW	SGW 20.x	4/2/2018
1703 IOELV 121	ASR5500 - PGW	PGW 20.x	4/2/2018
1703 IOELV 121	ASR5500 - PGW/ECS	Option ECS du produit PGW 20.x	4/2/2018
1703 IOELV 121	ASR5500 - SGSN	SGSN 20.x	4/2/2018
1703 IOELV 121	ASR5500 - GGSN	GGSN 20.x	4/2/2018
1703 IOELV 121	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 20.x	4/2/2018
1703 IOELV 121	ASR5500 - ADC	Option ADC du produit ASR5000 20.x	4/2/2018

AUTORISATION pour Production	ASR5000	Release 21.1	
1705 IEOLV 281	ASR5000 - MME	MME 21.1	1/31/2018
1705 IEOLV 266	ASR5000 - SGW	SGW 21.1	1/31/2018
1705 IEOLV 278	ASR5000 - PGW	PGW 21.1	1/31/2018
1705 IEOLV 267	ASR5500 - ePDG	ePDG 21.1	1/31/2018
1705 IEOLV 268	ASR5000 - PGW/ECS	Option ECS du produit PGW 21.1	1/31/2018

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R226 Authorization number	Product / Chassis	Image Name	Expiration Date
1705 IEOLV 269	ASR5000 - SGSN	SGSN 21.1	1/31/2018
1705 IEOLV 280	ASR5000 - GGSN	GGSN 21.1	1/31/2018
1705 IEOLV 271	ASR5000 - GGSN/ECS	Option ECS du produit GGSN 21.1	1/31/2018
1705 IEOLV 270	ASR5000 - ADC	Option ADC du produit ASR5000 21.1	1/31/2018

AUTORISATION pour Production	ASR5500	Release 21.1	
1705 IEOLV 274	ASR5500 - MME	MME 21.1	1/31/2018
1705 IEOLV 276	ASR5500 - SGW	SGW 21.1	1/31/2018
1705 IEOLV 272	ASR5500 - PGW	PGW 21.1	1/31/2018
1705 IEOLV 275	ASR5500 - ePDG	ePDG 21.1	1/31/2018
1705 IEOLV 273	ASR5500 - PGW/ECS	Option ECS du produit PGW 21.1	1/31/2018
1705 IEOLV 279	ASR5500 - SGSN	SGSN 21.1	1/31/2018
1705 IEOLV 265	ASR5500 - GGSN	GGSN 21.1	1/31/2018
1705 IEOLV 277	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 21.1	1/31/2018
1705 IEOLV 264	ASR5500 - ADC	Option ADC du produit ASR5500 21.1	1/31/2018
AUTORISATION pour TEST	ASR5000	Release 21.x	
1703 238	ASR5000 - MME	MME 21.x	3/24/2020
1703 230	ASR5000 - SGW	SGW 21.x	3/24/2020
1703 231	ASR5000 - PGW	PGW 21.x	3/24/2020
1703 228	ASR5000 - PGW/ECS	Option ECS du produit PGW 21.x	3/24/2020
1703 229	ASR5000 - SGSN	SGSN 21.x	3/24/2020
1703 239	ASR5000 - GGSN	GGSN 21.x	3/24/2020
1703 227	ASR5000 - GGSN/ECS	Option ECS du produit GGSN 21.x	3/24/2020
1703 232	ASR5000 - ADC	Option ADC du produit ASR5000 21.x	3/24/2020
AUTORISATION pour TEST	ASR5500	Release 21.x	
1703 240	ASR5500 - MME	MME 21.x	3/24/2020
1703 241	ASR5500 - SGW	SGW 21.x	3/24/2020
1703 242	ASR5500 - PGW	PGW 21.x	3/24/2020
1703 233	ASR5500 - PGW/ECS	Option ECS du produit PGW 21.x	3/24/2020
1703 243	ASR5500 - SGSN	SGSN 21.x	3/24/2020
1703 244	ASR5500 - GGSN	GGSN 21.x	3/24/2020
1703 235	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 21.x	3/24/2020
1703 234	ASR5500 - ADC	Option ADC du produit ASR5000 21.x	3/24/2020

AUTORISATION pour TEST	VPC-DI	Release 19.x	
1511 886	VPC - MME	MME 19.x	11/23/2018
1511 883	VPC - SGW	SGW 19.x	11/23/2018

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R226 Authorization number	Product / Chassis	Image Name	Expiration Date
1511 882	VPC - PGW	PGW 19.x	11/23/2018
1511 884	VPC - PGW/ECS	Option ECS du produit PGW 19.x	11/23/2018
1511 885	VPC - SGSN	SGSN 19.x	11/23/2018
1511 889	VPC - GGSN	GGSN 19.x	11/23/2018
1511 888	VPC - GGSN/ECS	Option ECS du produit GGSN 19.x	11/23/2018
1511 887	VPC - ADC	Option ADC du produit vPC-DI 19.x	11/23/2018
AUTORISATION pour TEST	VPC-DI	Release 21.x	
1703 087	VPC - MME	MME 21.x	3/24/2020
1703 090	VPC - SGW	SGW 21.x	3/24/2020
1703 089	VPC - PGW	PGW 21.x	3/24/2020
1703 091	VPC - PGW/ECS	Option ECS du produit PGW 21.x	3/24/2020
1703 084	VPC - SGSN	SGSN 21.x	3/24/2020
1703 092	VPC - GGSN	GGSN 21.x	3/24/2020
1703 088	VPC - GGSN/ECS	Option ECS du produit GGSN 21.x	3/24/2020
1703 085	VPC - ADC	Option ADC du produit ASR5000 21.x	3/24/2020
AUTORISATION pour Production	ASR5000	Release T-21.3.x	
1711 IOELV 816	ASR5000 - MME	MME	11/17/2023
1711 IOELV 818	ASR5000 - SGW	SGW	11/17/2023
1711 IOELV 819	ASR5000 - PGW	PGW	11/17/2023
1711 IOELV 817	ASR5000 - PGW/ECS	Option ECS du produit PGW	11/17/2023
1711 IOELV 813	ASR5000 - SGSN	SGSN	11/17/2023
1711 IOELV 806	ASR5000 - GGSN	GGSN	11/17/2023
1711 IOELV 805	ASR5000 - GGSN/ECS	Option ECS du produit GGSN	11/17/2023
1711 IOELV 803	ASR5000 - ADC	Option ADC du produit ASR5000	11/17/2023
1711 IOELV 815	ASR5000 - ePDG	ePDG	11/17/2023

AUTORISATION pour Production	ASR5500	Release T-21.3.x	
1711 IOELV 810	ASR5500 - MME	MME	11/17/2023
1711 IOELV 804	ASR5500 - SGW	SGW	11/17/2023
1711 IOELV 807	ASR5500 - PGW	PGW	11/17/2023
1711 IOELV 809	ASR5500 - PGW/ECS	Option ECS du produit PGW	11/17/2023
1711 IOELV 808	ASR5500 - SGSN	SGSN	11/17/2023
1711 IOELV 812	ASR5500 - GGSN	GGSN	11/17/2023
1711 IOELV 814	ASR5500 - GGSN/ECS	Option ECS du produit GGSN	11/17/2023
1711 IOELV 811	ASR5500 - ADC	Option ADC du produit ASR5000	11/17/2023
1711 IOELV 820	ASR5500 - ePDG	ePDG	11/17/2023

AUTORISATION pour Production	CBR8	IOS-XE 16.7.x	
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R226 Authorization number	Product / Chassis	Image Name	Expiration Date
1803 IEOLV 190	CBR8 Converged Broadband Router	IOS-XE 16.7.x	2/7/2019

AUTORISATION pour Production	ASR9000	IOS XR 6.3.x	
1801 IEOLV 054	ASR9000 Serie (9001, 9006, 9010, 9022)	IOS XR R6.3.x IP/MPLS Core Software 3DES	1/23/2024

AUTORISATION pour Production	ASR5000	Release T-21.4.x	
1801 IOELV 011	ASR5000 - MME	MME	1/23/2024
1801 IOELV 015	ASR5000 - SGW	SGW	1/23/2024
1801 IOELV 017	ASR5000 - PGW	PGW	1/23/2024
1801 IOELV 016	ASR5000 - PGW/ECS	Option ECS du produit PGW	1/23/2024
1801 IOELV 025	ASR5000 - SGSN	SGSN	1/23/2024
1801 IOELV 024	ASR5000 - GGSN	GGSN	1/23/2024
1801 IOELV 020	ASR5000 - GGSN/ECS	Option ECS du produit GGSN	1/23/2024
1801 IOELV 009	ASR5000 - ADC	Option ADC du produit ASR5000	1/23/2024
1801 IOELV 010	ASR5000 - ePDG	ePDG	1/23/2024

AUTORISATION pour Production	ASR5500	Release T-21.4.x	
1801 IOELV 022	ASR5500 - MME	MME	1/23/2024
1801 IOELV 021	ASR5500 - SGW	SGW	1/23/2024
1801 IOELV 018	ASR5500 - PGW	PGW	1/23/2024
1801 IOELV 008	ASR5500 - PGW/ECS	Option ECS du produit PGW	1/23/2024
1801 IOELV 014	ASR5500 - SGSN	SGSN	1/23/2024
1801 IOELV 012	ASR5500 - GGSN	GGSN	1/23/2024
1801 IOELV 013	ASR5500 - GGSN/ECS	Option ECS du produit GGSN	1/23/2024
1801 IOELV 019	ASR5500 - ADC	Option ADC du produit ASR5000	1/23/2024
1801 IOELV 023	ASR5500 - ePDG	ePDG	1/23/2024

AUTORISATION pour Production	ASR5000	Release T-21.5.x	
1805 IEOLV 418	ASR5000 - MME	MME 21.5.x	5/23/2019
1805 IEOLV 408	ASR5000 - SGW	SGW 21.5.x	5/23/2019
1805 IEOLV 406	ASR5000 - PGW	PGW 21.5.x	5/23/2019
1805 IEOLV 404	ASR5000 - PGW/ECS	Option ECS du produit PGW 21.5.x	5/23/2019
1805 IEOLV 405	ASR5000 - SGSN	SGSN 21.5.x	5/23/2019
1805 IEOLV 403	ASR5000 - GGSN	GGSN 21.5.x	5/23/2019
1805 IEOLV 410	ASR5500 - ePDG	ePDG 21.5.x	5/23/2019
1805 IEOLV 407	ASR5000 - GGSN/ECS	Option ECS du produit GGSN 21.5.x	5/23/2019
1805 IEOLV 415	ASR5000 - ADC	Option ADC du produit ASR5500 21.5.x	5/23/2019

AUTORISATION pour Production	ASR5500	Release T-21.5.x	
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R226 Authorization number	Product / Chassis	Image Name	Expiration Date
1805 IEOLV 416	ASR5500 - MME	MME 21.5.x	5/23/2019
1805 IEOLV 409	ASR5500 - SGW	SGW 21.5.x	5/23/2019
1805 IEOLV 401	ASR5500 - PGW	PGW 21.5.x	5/23/2019
1805 IEOLV 414	ASR5500 - PGW/ECS	Option ECS du produit PGW 21.5.x	5/23/2019
1805 IEOLV 413	ASR5500 - SGSN	SGSN 21.5.x	5/23/2019
1805 IEOLV 402	ASR5500 - GGSN	GGSN 21.5.x	5/23/2019
1805 IEOLV 417	ASR5500 - ePDG	ePDG 21.5.x	5/23/2019
1805 IEOLV 411	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 21.5.x	5/23/2019
1805 IEOLV 412	ASR5500 - ADC	Option ADC du produit ASR5500 21.5.x	5/23/2019

AUTORISATION pour Production	ASR5500	Release T-21.8.x	
1809 IEOLV 751	ASR5500 - MME	MME 21.8.x	9/25/2024
1809 IEOLV 746	ASR5500 - SGW	SGW 21.8.x	9/25/2024
1809 IEOLV 750	ASR5500 - PGW	PGW 21.8.x	9/25/2024
1809 IEOLV 752	ASR5500 - PGW/ECS	Option ECS du produit PGW 21.8.x	9/25/2024
1809 IEOLV 749	ASR5500 - SGSN	SGSN 21.8.x	9/25/2024
1809 IEOLV 747	ASR5500 - GGSN	GGSN 21.8.x	9/25/2024
1809 IEOLV 754	ASR5500 - ePDG	ePDG 21.8.x	9/25/2024
1809 IEOLV 748	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 21.8.x	9/25/2024
1809 IEOLV 753	ASR5500 - ADC	Option ADC du produit ASR5500 21.8.x	9/25/2024

AUTORISATION pour Production	ASR5000	Release T-21.5.x	
1901 IOELV 284	ASR5000 - MME	MME 21.5.x	1/22/2020
1901 IOELV 285	ASR5000 - SGW	SGW 21.5.x	1/22/2020
1901 IOELV 287	ASR5000 - PGW	PGW 21.5.x	1/22/2020
1901 IOELV 286	ASR5000 - PGW/ECS	Option ECS du produit PGW 21.5.x	1/22/2020
1901 IOELV 282	ASR5000 - SGSN	SGSN 21.5.x	1/22/2020
1901 IOELV 290	ASR5000 - GGSN	GGSN 21.5.x	1/22/2020
1901 IOELV 288	ASR5500 - ePDG	ePDG 21.5.x	1/22/2020
1901 IOELV 283	ASR5000 - GGSN/ECS	Option ECS du produit GGSN 21.5.x	1/22/2020
1901 IOELV 289	ASR5000 - ADC	Option ADC du produit ASR5500 21.5.x	1/22/2020

AUTORISATION pour Production	ASR5500	Release T-21.11.x	
1901 IOELV 015	ASR5500 - MME	MME 21.11.x	1/22/2020
1901 IOELV 020	ASR5500 - SGW	SGW 21.11.x	1/22/2020
1901 IOELV 017	ASR5500 - PGW	PGW 21.11.x	1/22/2020
1901 IOELV 019	ASR5500 - PGW/ECS	Option ECS du produit PGW 21.11.x	1/22/2020
1901 IOELV 018	ASR5500 - SGSN	SGSN 21.11.x	1/22/2020
1901 IOELV 022	ASR5500 - GGSN	GGSN 21.11.x	1/22/2020
1901 IOELV 014	ASR5500 - ePDG	ePDG 21.11.x	1/22/2020
1901 IOELV 016	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 21.11.x	1/22/2020

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R226 Authorization number	Product / Chassis	Image Name	Expiration Date
1901 IOELV 021	ASR5500 - ADC	Option ADC du produit ASR5500 21.11.x	1/22/2020

AUTORISATION pour Production	ASR5500	Release T-21.13.x	
1907 IOELV 650	ASR5500 - MME	MME 21.13.x	7/24/2020
1907 IOELV 651	ASR5500 - SGW	SGW 21.13.x	7/24/2020
1907 IOELV 656	ASR5500 - PGW	PGW 21.13.x	7/24/2020
1907 IOELV 652	ASR5500 - PGW/ECS	Option ECS du produit PGW 21.13.x	7/24/2020
1907 IOELV 648	ASR5500 - SGSN	SGSN 21.13.x	7/24/2020
1907 IOELV 647	ASR5500 - GGSN	GGSN 21.13.x	7/24/2020
1907 IOELV 655	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 21.13.x	7/24/2020
1907 IOELV 654	ASR5500 - ADC	Option ADC du produit ASR5500 21.13.x	7/24/2020
1907 IOELV 649	ASR5500 - ePDG	ePDG 21.13.x	7/24/2020
1907 IOELV 646	ASR5500 - SAEGW-CUPS	SAEGW-CUPS 21.13.x	7/24/2020
1907 IOELV 653	ASR5500 - SAEGW-CUPS /ECS	Option ECS du produit SAEGW-CUPS 21.13.x	7/24/2020

AUTORISATION pour Production	CBR8	IOS-XE 16.8.x	
1907 EOLV 842	CBR8 Converged Broadband Router	IOS-XE 16.8.x	7/24/2020

AUTORISATION pour Production	ASR9000	IOS XR 6.3.x	
1807 IEOLV 684	ASR9000 Series (ASR9904, ASR9906, ASR9910, ASR9912, A99-RSP-SE / A99-RSP-TR / A99-RP2, A99-SFC-T / A99-SFC-S / A99-SFC2, A99-8X100GE-CM)	IOS XR R6.3.x	7/16/2024

AUTORISATION pour Production	ASR5500	Release T-21.17.x	
2003 IOELV 225	ASR5500 - MME	MME 21.17.x	4/30/2026
2003 IOELV 224	ASR5500 - SGW	SGW 21.17.x	4/30/2026
2003 IOELV 222	ASR5500 - PGW	PGW 21.17.x	4/30/2026
2003 IOELV 223	ASR5500 - PGW/ECS	Option ECS du produit PGW 21.17.x	4/30/2026
2003 IOELV 221	ASR5500 - SGSN	SGSN 21.17.x	4/30/2026
2003 IOELV 219	ASR5500 - GGSN	GGSN 21.17.x	4/30/2026
2003 IOELV 220	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 21.17.x	4/30/2026
2003 IOELV 229	ASR5500 - ADC	Option ADC du produit ASR5500 21.17.x	4/30/2026
2003 IOELV 226	ASR5500 - ePDG	ePDG 21.17.x	4/30/2026
2003 IOELV 227	ASR5500 - SAEGW-CUPS	SAEGW-CUPS 21.17.x	4/30/2026
2003 IOELV 228	ASR5500 - SAEGW-CUPS /ECS	Option ECS du produit SAEGW-CUPS 21.17.x	4/30/2026

AUTORISATION pour Production	ASR5500	Release T-21.19.x	
2011 IEOLV 1230	ASR5500 - MME	MME 21.19.x	11/30/2026

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R226 Authorization number	Product / Chassis	Image Name	Expiration Date
2011 IEOLV 1227	ASR5500 - SGW	SGW 21.19.x	11/30/2026
2011 IEOLV 1225	ASR5500 - PGW	PGW 21.19.x	11/30/2026
2011 IEOLV 1226	ASR5500 - PGW/ECS	Option ECS du produit PGW 21.19.x	11/30/2026
2011 IEOLV 1224	ASR5500 - SGSN	SGSN 21.19.x	11/30/2026
2011 IEOLV 1232	ASR5500 - GGSN	GGSN 21.19.x	11/30/2026
2011 IEOLV 1231	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 21.19.x	11/30/2026
2011 IEOLV 1223	ASR5500 - ADC	Option ADC du produit ASR5500 21.19.x	11/30/2026
2011 IEOLV 1228	ASR5500 - ePDG	ePDG 21.19.x	11/30/2026
2011 IEOLV 1222	ASR5500 - SAEGW-CUPS	SAEGW-CUPS 21.19.x	11/30/2026
2011 IEOLV 1229	ASR5500 - SAEGW-CUPS /ECS	Option ECS du produit SAEGW-CUPS 21.19.x	11/30/2026

AUTORISATION pour Production	ASR5500	Release T-21.22.x	
2103 FIEOLV 319	ASR5500 - MME	MME 21.22.x	3/30/2027
2103 FIEOLV 317	ASR5500 - SGW	SGW 21.22.x	3/30/2027
2103 FIEOLV 315	ASR5500 - PGW	PGW 21.22.x	3/30/2027
2103 FIEOLV 316	ASR5500 - PGW/ECS	Option ECS du produit PGW 21.22.x	3/30/2027
2103 FIEOLV 314	ASR5500 - SGSN	SGSN 21.22.x	3/30/2027
2103 FIEOLV 318	ASR5500 - GGSN	GGSN 21.22.x	3/30/2027
2103 FIEOLV 312	ASR5500 - GGSN/ECS	Option ECS du produit GGSN 21.22.x	3/30/2027
2103 FIEOLV 313	ASR5500 - ADC	Option ADC du produit ASR5500 21.22.x	3/30/2027
2103 FIEOLV 322	ASR5500 - ePDG	ePDG 21.22.x	3/30/2027
2103 FIEOLV 321	ASR5500 - SAEGW-CUPS	SAEGW-CUPS 21.22.x	3/30/2027
2103 FIEOLV 320	ASR5500 - SAEGW-CUPS /ECS	Option ECS du produit SAEGW-CUPS 21.22.x	3/30/2027

AUTORISATION pour Production	ASR5500	Release T-21.25.x	
2201 IOELV 68	ASR5500 - MME	MME 21.25.x	2/1/2028
2201 IOELV 66	ASR5500 - SGW	SGW 21.25.x avec option BBIFF	2/1/2028
2201 IOELV 69	ASR5500 - PGW	PGW 21.25.x avec options ECS, ADC	2/1/2028
2201 IOELV 72	ASR5500 - SGSN	SGSN 21.25.x	2/1/2028
2201 IOELV 70	ASR5500 - GGSN	GGSN 21.25.x avec options ECS, ADC	2/1/2028
2201 IOELV 71	ASR5500 - ePDG	ePDG 21.25.x	2/1/2028
2201 IOELV 67	ASR5500 - SAEGW-CUPS	SAEGW-CUPS 21.25.x avec options ECS, ADC, BBIFF	2/1/2028

AUTORISATION pour Production	ASR9000 / ASR9900	IOS XR 7.5.x	
2201 IOELV 078	ASR9000 Series / ASR 9900 Series	IOS XR R7.5.x	2/1/2028

AUTORISATION pour Production	8000	IOS XR 7.5.x	
2201 IOELV 077	8000 Series	IOS XR R7.5.x	2/1/2028

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AUTORISATION pour Production	NCS 5000 / NCS5500/ NCS5700 / NCS 5540 / NCS 5560	IOS XR 7.5.x	
2201 IOELV 079	NCS5000 Series / NCS5500 / Series / NCS5700 Series / NCS540 Series / NCS560 Series	IOS XR R7.5.x	2/1/2028

AUTORISATION pour Production	ASR5500	Release T-21.28.x	
2211 IOELV 1342	ASR5500 - MME	MME 21.28.x	11/30/2028
2211 IOELV 1339	ASR5500 - SGW	SGW 21.28.x avec option BBIFF	11/30/2028
2211 IOELV 1341	ASR5500 - PGW	PGW 21.28.x avec options ECS, ADC	11/30/2028
2211 IOELV 1340	ASR5500 - SGSN	SGSN 21.28.x	11/30/2028
2211 IOELV 1338	ASR5500 - GGSN	GGSN 21.28.x avec options ECS, ADC	11/30/2028
2211 IOELV 1343	ASR5500 - ePDG	ePDG 21.28.x	11/30/2028
2211 IOELV 1344	ASR5500 - SAEGW-CUPS	SAEGW-CUPS 21.28.x avec options ECS, ADC, BBIFF	11/30/2028

AUTORISATION pour Production	ASR9000 / ASR9900	IOS XR 7.7.x	
2211 IEOLV 1335	ASR9000 Series / ASR 9900 Series	IOS XR R7.7.x	11/30/2028

AUTORISATION pour Production	8xxx	IOS XR 7.7.x	
2211 IEOLV 1337	8xxx Series	IOS XR R7.7.x	11/30/2028

AUTORISATION pour Production	NCS 5000 / NCS5500/ NCS5700 / NCS 5540 / NCS 5560	IOS XR 7.7.x	
2211 IEOLV 1336	NCS5000 Series / NCS5500 / Series / NCS5700 Series / NCS540 Series / NCS560 Series	IOS XR R7.7.x	11/30/2028

AUTORISATION pour Production	ASR5500	Release T-21.28.x (x>=10)	
2405 IOELV 532	ASR5500 - MME	MME 21.28.x (x>=10)	6/30/2030
2405 IOELV 531	ASR5500 - SGW	SGW 21.28.x avec option BBIFF (x>=10)	6/30/2030
2405 IOELV 530	ASR5500 - PGW	PGW 21.28.x avec options ECS, ADC (x>=10)	6/30/2030
2405 IOELV 529	ASR5500 - SGSN	SGSN 21.28.x (x>=10)	6/30/2030
2405 IOELV 528	ASR5500 - GGSN	GGSN 21.28.x avec options ECS, ADC (x>=10)	6/30/2030
2405 IOELV 533	ASR5500 - ePDG	ePDG 21.28.x (x>=10)	6/30/2030
2405 IOELV 534	ASR5500 - SAEGW-CUPS	SAEGW-CUPS 21.28.x avec options ECS, ADC, BBIFF (x>=10)	6/30/2030