

# Broadband Connectivity Service (BBCS)

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| <b>Version</b>          | 14-31  |
| <b>Issue date</b>       | 26.04.2023                                   |
| <b>Replaces version</b> | 14-30 or previous                            |
| <b>Valid from</b>       | 01.05.2023                                   |
| <b>Contract</b>         | Contract for Broadband Connectivity Services |

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**1 Recently tested BBCS equipment**

1.1 ADSL, ADSL2+, VDSL G.vector, G.fast, XGS-Pon modems and routers

The equipment mentioned in the list, is tested and approved by Swisscom (Switzerland) Ltd.

Swisscom recommends the End User to use the modems and routers tested and approved by Swisscom (Switzerland) Ltd.

| Supplier     | CPE                                     | CPE-FW   | CPE | CPE-DP       | Technology |      |      |                 |                 |        | Model                 | Chipset  |              |            |
|--------------|---|--|-----|--------------|------------|------|------|-----------------|-----------------|--------|-----------------------|----------|--------------|------------|
|              |   |  |     |              | Fibre      | POTS | ISDN | VDSL2 Vectoring | VDSL2 Vectoring | g.fast |                       | VDSL2    | DP           | FW / BSP   |
|              |   |  |     |              |            |      |      |                 |                 |        |                       |          |              |            |
| ADB          | Centro Business V1                      | 7.12.20  |     | n/a          |            | X    | X    |                 | X               |        | BDCM 6368             | 38q      | n/a          | n/a        |
| ADB          | Centro Business V2                      | 9.52.10  |     | n/a          |            | X    | X    | X               | X               |        | BDCM 63138            | 43j2     | 43j2         | n/a        |
| ADB          | ST6840 VTX (Centro Business V2)         | VTX1000008   |     | n/a          |            | X    | X    |                 | X               |        | BDCM 63138            | 43j2     | 43j2         | n/a        |
| ADB          | Centro Business V3                      | 10.02.22   |     | n/a          |            |      |      |                 | X               |        | Qualcomm IPQ8072A     | n/a      | SFP SC-G5321 | n/a        |
| ADB          | VV2220                                  | 4.1.0.0070   |     | n/a          |            | X    | X    |                 |                 |        | BDCM 63168            | 38q      | n/a          | n/a        |
| ADB          | VD6722                                  | E.E.10.02  |     | n/a          |            | X    | X    |                 | X               |        | RTL8685SB             | v135g906 | n/a          | n/a        |
| ADB          | SFP+ MAC, SX-1001 (aka XG-99S - 105AF7) | 4.4.5.045 (currently supported only by Centro Business V2) |     | n/a          | X          |      |      |                 |                 |        | Cortina CA8271S rev.D | n/a      | n/a          | R1.0.0.0.0 |
| Arcadyan     | Internet Box 3 (IB3)                    | 13.20.26   |     | n/a          | X          | X    | X    | X               | X               |        | BDCM 63158            | 46v1     | 46v1         | 5.02L07P2  |
| Arcadyan     | Internet Box 4 (IB4)                    | 13.20.26   |     | n/a          | X          |      |      |                 |                 |        | BDCM 68580            | n/a      | n/a          | 5.02L07P2  |
| Arcadyan     | Internet Box Standard (Starlite - SLT)  | 11.05.04   |     | n/a          |            | X    | X    | X               |                 |        | BDCM 63168            | 38q      | n/a          | n/a        |
| Askey        | Internet Box 2 (Stargate V2 - SG2)      | 13.20.26   |     | n/a          |            | X    | X    | X               | X               |        | BDCM 63138            | 43j2     | 43j2         | n/a        |
| Askey        | Internet Box Light (Starlink - SLK)     | 08.06.06   |     | n/a          |            | X    | X    | X               |                 |        | BDCM 63381            | 41g      | n/a          | n/a        |
| AudioCode    | Mediant-500L-MSBR                       | 6.80A.335.005  |     | n/a          |            | X    | X    |                 |                 |        | IFTN VRX268           | 5781207  | n/a          | n/a        |
| AVM          | Fritzbox 5530                           | 07.29  |     | n/a          | X          |      |      |                 |                 |        | MxL PRX               | n/a      | n/a          | 1.8.4      |
| AVM          | Fritzbox 7490                           | 113.07.29  |     | 1.100.136.43 |            |      | X    |                 |                 |        | IFTN VRX288           | 591407   | n/a          | n/a        |
| AVM          | Fritzbox 7430                           | 146.06.52  |     | 1.100.133.44 |            |      | X    |                 |                 |        | IFTN VRX288           | 578917   | n/a          | n/a        |
| AVM          | Fritzbox 7560                           | 149.06.69  |     | 1.148.135.11 |            |      | X    |                 |                 |        | A9-VRX3/518           | 790C17   | n/a          | n/a        |
| AVM          | Fritzbox 7530                           | 164.07.00  |     | 1.180.129.50 |            |      | X    | X               |                 |        | A9-VRX3/518           | n/a      | n/a          | n/a        |
| AVM          | Fritzbox 7530AX                         | 256.07.25  |     | n/a          |            |      | X    | X               |                 |        | BDCM 63178            | 46u      | n/a          | n/a        |
| AVM          | Fritzbox 7582                           | 156.07.01  |     | n/a          |            |      | X    | X               | X               |        | BDCM 63138            | 42m      | 43j2         | n/a        |
| AVM          | Fritzbox 7583                           | 167.07.30  |     | 1.196.7.40   |            |      | X    | X               | (X)             |        | IFTN VRX619           | n/a      | n/a          | n/a        |
| AVM          | Fritzbox 7590                           | 154.07.29  |     | 1.180.131.76 |            |      | X    | X               |                 |        | A9-VRX3/518           | n/a      | n/a          | n/a        |
| AVM          | Fritzbox 7590AX (&V2)                   | 259.07.31  |     | 1.196.7.44   |            |      | X    | X               |                 |        | AC-VRX619             | n/a      | n/a          | n/a        |
| Bintec-Elmeg | belP                                    | 10.1.27  |     | n/a          |            |      | X    | X               |                 |        | IFTN VRX288           | 578917   | n/a          | n/a        |
| Bintec-Elmeg | RS353jv                                 | 10.1.27  |     | n/a          |            |      | X    | X               |                 |        | IFTN VRX288           | 578917   | n/a          | n/a        |
| CIG          | SFP+ MAC, XG-100S (aka XG-99S - 2083F8) | 4.4.5.045 (currently supported only by Centro Business V3) |     | n/a          | X          |      |      |                 |                 |        | Cortina CA8271S rev.D | n/a      | n/a          | R1.0.0.0.0 |

| Supplier | CPE                                     | CPE  |             | Technology |        |                  |                         | Model              | Chipset |          | FW / BSP    |
|----------|---|--|-------------|------------|--------|------------------|-------------------------|--------------------|---------|----------|-------------|
|          |   | CPE-FW   | CPE-DP      | Fibre      | POTS   | ISDN             | DP                      |                    | DP      |          |             |
|          |   |  |             | XGS-PON    | ADSL2+ | ADSL2+ Vectoring | ADSL2+ Vectoring G.fast |                    | VDSL2   | G.fast   | XGS-PON     |
| Cisco    | 2921 HWIC VA                            | 15.4(3)M4  | n/a         |            | X      |                  |                         | BDCM 6368          | 38q     | n/a      | n/a         |
| Cisco    |   | 15.7(3)M7  | n/a         |            | X      |                  |                         | BDCM 6368          | 38q     | n/a      | n/a         |
| Cisco    | 4300-NIM-VAB-A                          | 17.2.1r  | n/a         |            | X      | X                |                         | BDCM 63168         | 38q     | n/a      | n/a         |
| Cisco    | 886VA                                   | 15.2(4)M5  | n/a         |            |        |                  | X                       | BDCM 6368          | 38r1    | n/a      | n/a         |
| Cisco    |   | 15.5(3)M6a   | n/a         |            |        | X                |                         | BDCM 6368          | 38r1    | n/a      | n/a         |
| Cisco    | 887VA                                   | 15.2(4)M5  | n/a         |            | X      |                  |                         | BDCM 6368          | 38q     | n/a      | n/a         |
| Cisco    |   | 15.5(3)M6a   | n/a         |            | X      |                  |                         | BDCM 6368          | 38q     | n/a      | n/a         |
| Cisco    | C887VA-K9                               | 15.3(3)M4  | n/a         |            | X      | X                |                         | BDCM 6368          | 38q     | n/a      | n/a         |
| Cisco    |   | 15.4(3)M4  | n/a         |            | X      | X                |                         | BDCM 6368          | 38q     | n/a      | n/a         |
| Cisco    |   | 15.5(3)M6a   | n/a         |            | X      | X                |                         | BDCM 6368          | 38q     | n/a      | n/a         |
| Cisco    |   | 15.7(3)M6  | n/a         |            | X      | X                |                         | BDCM 6368          | 38q     | n/a      | n/a         |
| Cisco    | C897VA-K9                               | 15.4(3)M4  | n/a         |            | X      | X                |                         | BDCM 6368          | 38q     | n/a      | n/a         |
| Cisco    |   | 15.5(3)M6a   | n/a         |            | X      | X                |                         | BDCM 6368          | 38q     | n/a      | n/a         |
| Cisco    |   | 15.7(3)M6  | n/a         |            | X      | X                |                         | BDCM 6368          | 38q     | n/a      | n/a         |
| Cisco    | C927-4P                                 | 15.9.3-M1  | n/a         |            | X      | X                |                         | BDCM 63168         | 39x     | n/a      | n/a         |
| Cisco    | C1113                                   | 16.9.5   | n/a         |            | X      | X                | X                       | BDCM 63138         | 43j2    | 43j2     | n/a         |
| Cisco    |   | 17.2.1r  | n/a         |            |        | X                | X                       | BDCM 63138         | 43j2    | 43j2     | n/a         |
| Cisco    | C1117                                   | 16.9.20180   | n/a         |            | X      | X                | X                       | BDCM 63168         | 38q     | n/a      | n/a         |
| Cisco    | C1127 (baugleich zu C1117, 16.9.20180)  | 16.12.2  | n/a         |            | X      | X                | X                       | BDCM 63168         | 38q     | n/a      | n/a         |
| Genexis  | FiberTwist XGS2110-2.5                  | InterOS E-5.2.0-R  | 7.3.267.200 | X          |        |                  |                         | EN7580             | n/a     | n/a      | n/a         |
| Genexis  | FiberTwist XGS2110, FiberTwist XGS2310B | InterOS E-5.2.0-R  | 7.3.267.200 | X          |        |                  |                         | EN7580             | n/a     | n/a      | n/a         |
| Huawei   | SFP, Starplug                           | n/a (currently supported by Cisco C897, Starlite, Stargate V1) | n/a         |            |        |                  | X                       | MTIA 5321          | n/a     | 8811r045 | n/a         |
| Huawei   | HN8010Ts                                | V5R020C10S030  | n/a         | X          |        |                  |                         |                    | n/a     | n/a      |             |
| Huawei   | HN8250Ts                                | V3R019C20S929T   | n/a         | X          |        |                  |                         | HiSilicon SD5118V2 | n/a     | n/a      | V300R019C20 |

| Supplier  | CPE                                  | CPE-FW   | CPE | CPE-DP | Technology |        |                 |        |                 | Model          | Chipset  |          | FW / BSP  |
|-----------|--------------------------------------|--|-----|--------|------------|--------|-----------------|--------|-----------------|----------------|----------|----------|-----------|
|           |                                      |  |     |        | Fibre      | POTS   | ISDN            | g.fast | VDSL2           |                | DP       |          |           |
|           |                                      |  |     |        | XGS-PON    | ADSL2+ | VDSL2 Vectoring | ADSL2+ | VDSL2 Vectoring |                | VDSL2    | G.fast   | XGS-PON   |
| Lancom    | 1793VAW                              | 10.50.0331   |     | n/a    |            | X      | X               |        | X               | IFTN VRX518    | 8C3217   | n/a      | n/a       |
| Lancom    | 1926VAG & 1926VAG-5G                 | 10.50.0331   |     | n/a    |            | X      | X               |        | X               | IFTN VRX619    | C0501029 | C0501029 | n/a       |
| Lancom    | 1781 series / 1783 series            | 09.10.0530   |     | n/a    |            | X      | X               |        |                 | IFTN VRX268    | 577617   | n/a      | n/a       |
| Nokia     | XS-010X-Q                            | BBDR2004 (3FE49337AOCK85)                          |     | n/a    | X          |        |                 |        |                 | Cortina CA8271 |          |          | n/a       |
| MET       | SFP SC-G5321 (aka MT5321)            | 8814r044   |     | n/a    |            |        |                 |        | X               | MT5321         | n/a      | 8814r044 | n/a       |
| oneAccess | 1645 (one540, one700)                | 015.02 (5.2R1E4)                                   |     | n/a    |            |        | X               | X      |                 | IFTN VRX268    | 574E17   | n/a      | n/a       |
| oneAccess | 1645 (One540) ADSL POTS              | 011.10 (5.2R1E2)                                   |     | n/a    |            | X      |                 |        |                 | IFTN VRX268    | n/a      | n/a      | n/a       |
| oneAccess | 1645 (One540) ADSL ISDN              | 011.10 (5.2R1E2)                                   |     | n/a    |            |        |                 | X      |                 | IFTN VRX268    | n/a      | n/a      | n/a       |
| oneAccess | ONE425                               | 5.2R1E4  |     | n/a    |            |        | X               | X      |                 | IFTN VRX268    | 574E17   | n/a      | n/a       |
| Sagemcom  | Fast 5360 (SIB 1)                    | SG4D10001614 / SG4D10001810                        |     | n/a    |            | X      | X               | X      | X               | BDCM 63138     | 43j2     | 43j2     | n/a       |
| Sagemcom  | F@st 5688T (SIB 2)                   | 02.136   |     | n/a    | X          |        |                 |        |                 | BDCM 68580     | n/a      | n/a      | 5.02L07p1 |
| Sagemcom  | MERCV3                               | 2.29.5-2206.5                                      |     | n/a    | X          |        |                 |        |                 | BDCM 68580     | n/a      | n/a      | 5.04L03GA |
| Siligence | Internet Box Plus (Stargate V1 - SG) | 11.05.04   |     | n/a    |            | X      | X               | X      |                 | BDCM 63168     | 38q      | n/a      | n/a       |
| Thomson   | TG789vac                             | R10.5.8.J  |     | n/a    |            | X      | X               |        |                 | BDCM 63168     | 38q      | n/a      | n/a       |
| Westermo  | Falcon                               | WeOS 4.21  |     | n/a    |            | X      | X               |        |                 | Vinax          | 9611305  | n/a      | n/a       |
| ZyXEL     | P-870H-51a (V1, V2)                  | 1.12(VFJ.10)                                       |     | n/a    |            |        | X               |        |                 | BDCM 6368      | 38q      | n/a      | n/a       |
| ZyXEL     | P-870H-53a (V1, V2)                  | 1.12(VFK.10)                                       |     | n/a    |            |        |                 | X      |                 | BDCM 6368      | 38r1     | n/a      | n/a       |
| ZyXEL     | P-870HN-51b (V1, V2)                 | 1.12(VFH.10)                                       |     | n/a    |            | X      | X               |        |                 | BDCM 6368      | 38q      | n/a      | n/a       |
| ZyXEL     | P-870HN-53b (V1, V2)                 | 1.12(VFI.10)                                       |     | n/a    |            |        |                 | X      |                 | BDCM 6368      | 38r1     | n/a      | n/a       |
| ZyXEL     | SBG 3300N (3500N, 3600N, VMG1312)    | V100AAIV1C0 (V100AATP1C0, V100AAZ3C0, V100AAJZ6C1) |     | n/a    |            |        | X               |        |                 | BDCM 63168     | 38q      | n/a      | n/a       |
| ZyXEL     | SBG 3300N-I (3500N-I)                | V100AAIX1C0 (V100AATQ1C0)                          |     | n/a    |            |        |                 | X      |                 | BDCM 63168     | 38r1     | n/a      | n/a       |
| ZyXEL     | SBG5500-A                            | V1.10(AAZT.0)C0                                    |     | n/a    |            |        | X               | X      |                 | BDCM 63138     | 42m      | n/a      | n/a       |
| ZyXEL     | XMG3927-B50A                         | ABMT0C   |     | n/a    |            |        | X               | X      | X               | BDCM 63138     | 43j2     | 43j2     | n/a       |
| ZyXEL     | AX7501-B0                            | V5.15(ABPC.0)                                      |     | n/a    | X          |        |                 |        |                 | BDCM 68580     | n/a      | n/a      | 5.02L06   |
| ZyXEL     | AX7501-B0                            | V5.15(ABWW.2) (Sunrise)                            |     | n/a    | X          |        |                 |        |                 | BDCM 68580     | n/a      | n/a      | 5.02L07   |
| ZyXEL     | AX7501-B1                            | V5.15(ABPC.xy)                                     |     | n/a    | X          |        |                 |        |                 | BDCM 68580     | n/a      | n/a      | 5.02L07   |
| ZyXEL     | AX7501-B1                            | V5.17(ABWW.4) (Sunrise) & SFP PM7000-01            |     | n/a    | X          |        |                 |        |                 | BDCM 68580     | n/a      | n/a      | 5.02L07   |

Changes are marked yellowish

(X) accepted with restrictions

**2 Disclaimer**

- The CPE (modem or router) is owned by the End User or (I)SP and is under the service responsibility of the End User or (I)SP.
- This document is subject to alterations. Swisscom (Switzerland) Ltd. is not responsible for CPE changes, which are not tested separately.
- In case of an End User in-house problem, Swisscom (Switzerland) Ltd. will test the line synchronisation with a Swisscom CPE as reference. It is possible that the CPE from another manufacturer does not synchronise due to longer distance between the Central Office and the End User.
- Restrictions usually means, that there is a slight downgrade of performance. More details can be obtained from the supplier.