BUREAU VERITAS
Certification

CONFORMITY DECLARATION

WE HEREBY DECLARE THAT THE COMPANY

ACTALIS SPA

Via San Clemente, 53
24036 Ponte San Pietro (BG), ITALY

IS COMPLIANT

for issuing and management of:

SSL Certificates of EV/OV/DV classes,
Code Signing certificates and
S/MIME Certificates

in accordance with:

ETSI EN 319 411-1 (v 1.1.1 – 2016/02)

and

CA/Browser Forum Baseline Requirements
(Version 1.4.8 May 9, 2017)
CA/Browser Forum EV Guidelines
(Version 1.6.2 March 17, 2017)

This declaration is valid only referred to full audit report ZIG#60478927 June 05, 2017

Date of issuance: September 04, 2017

ANDREA FILIPPI – Local Technical Manager

Managing & Certification Office:
Bureau Veritas Italia S.p.A. - Divisione Certificazione – Via Miramare, 15 - 20126 Milano - ITALIA

ANNEX TO THE CONFORMITY DECLARATION ISSUED BY BUREAU VERITAS ITALIA

AUDIT REPORT ZIG
#60478927 June 05, 2017

Audit Requirements

The audit requirements are defined in the following technical specification:

ETSI EN 319 411-1 (v 1.1.1 – 2016/02)

CA/Browser Forum Baseline Requirements Version 1.4.8 May 9, 2017

CA/Browser Forum EV Guidelines Version 1.6.2 March 17, 2017

The applicable ETSI certification policies are: DVCP, OVCP, EVCP, LCP, NCP

The audit object is the following Actalis's Certification Authority services:

- Issuing and management of SSL Server certificate *of* EV, OV, DV classes
- Issuing and management of Code Signing certificates
- Issuing and management of S/MIME certificates

Actalis Certification Practice Statement: 2.8 as of 06/10/2016

Certificate Policy for S/MIME: LCP

Certificate Policy for Code Signed: NCP

Observation period: October 08, 2016 – June 05, 201

Audit result

- The audit object fulfills all applicable requirements from the audit criteria, as detailed in Full Audit (Stage 2) report ZIG #60478927 June 05, 2017
- All requirements for a CA Practice according to rules and standards together with the therein demanded measures are implemented in terms of the selected Certificate Policy.
- The audited CA takes the responsibility for the requirements fulfillment.
- The CA provides the certification service according to the definitions of the Certificate Practice Statement rel 2.8 October 06, 2016.
- The Certificate Policy is part of an effective certificate policy management with regulations concerning responsibilities, communication and PDCA cycle.

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Cap. Soc. € 4.472.131,00 i.v.
Reg. Imp. e P. IVA 11498640157
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10.1CRT

Root CA

Subject DN	Subject Key ID	SHA256 fingerprint
CN = Actalis Authentication Root CA O = Actalis S.p.A./03358520967 L = Milan C = IT	52 d8 88 3a c8 9f 78 66 ed 89 f3 7b 38 70 94 c9 02 02 36 d0	55 92 60 84 EC 96 3A 64 B9 6E 2A BE 01 CE 0B A8 6A 64 FB FE BC C7 AA B5 AF C1 55 B3 7F D7 60 66

Intermediate CAs (issuing CAs)

Subject DN	Subject Key ID	SHA256 fingerprint
CN = Actalis Authentication CA G3 O = Actalis S.p.A./03358520967 L = Milano S = Milano C = IT	AA AA FD CA 8C 1D 4D F1 2E 83 E1 06 FC FA 8E EA 0E 23 AE 3D	A1 D2 5D 28 94 1F AF C0 C2 A6 EB 9E 59 6A 54 78 6E 73 1D 0A 4A 8E 32 1D B9 F1 CF 2C 24 FD D6 09
CN = Actalis Extended Validation Server CA G1 O = Actalis S.p.A./03358520967 L = Milano S = Milano C = IT	61 C1 E4 86 1E 4D 6D 74 74 BC D9 97 3B 31 71 78 CB 3F 9F DC	49 42 AD 04 41 21 8A EC 22 DA C4 17 AC 49 9D 7D E4 C5 4E CB D3 D3 35 F3 4A 5F 8B 06 8F 6E 6C 96
CN = Actalis Domain Validation Server CA G1 O = Actalis S.p.A./03358520967 L = Ponte San Pietro S = Bergamo C = IT	1B 42 7F 5C 45 7E FF 7E 1E 1E 41 9C F3 AD AE 35 C6 65 EB C5	FD 98 B4 0E B9 4A AC 09 76 22 17 9F 1E 3A CD DA CD 3F 3C 95 27 CD 69 74 DC 36 14 D0 9A D3 7A AE
CN = Actalis Client Authentication CA G1 O = Actalis S.p.A./03358520967 L = Milano S = Milano C = IT	7E 60 FC F8 6C A7 3D 3D D7 AE 93 A1 79 02 8F B3 74 29 3B F5	AB DE EC 53 14 90 98 F8 A0 B0 7E FD 97 2B 34 5A 89 BE DE 8E DE 69 75 E6 1B E9 5E E0 26 DA 7E FA

Summary of the audit requirements

The ETSI specification contains the following:

5.1 General requirements

The CA maintains compliant documentation and statement structure

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5.2 Certification Practice Statement requirements

The CA maintains a compliant presentation of policies and practices, along with complete CA hierarchy, signature algorithms and parameters employed.

5.3 Certificate Policy name and identification

The CA maintains certificates CP identifier. The identifiers for the certificate policies specified in the present document are listed above.

5.4 PKI participants

The CA ensures specific roles to all involved parties (CA itself, subscribers, subjects, others identified by the CA)

5.5 Certificate usage

The CA ensures that the policies (listed above) place no constraints on the user community and applicability of the certificate.

6.1 Publication and repository responsibilities

The CA ensures dissemination life cycle, that makes certificates available to subscribers, subjects and relying parties.

6.2 Identification and authentication

The CA ensures requirements for naming in certificates, verification of the identity of the subscriber and subject, updating due to change to the subject's attributes, revoking certificates

6.3 Certificate Life-Cycle operational requirements

The CA ensures that certificate life cycle is maintained under controlled conditions

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6.4 Facility, management, and operational controls

The CA ensures physical, procedural, personnel, environmental and logical security conditions

6.5 Technical security controls

The CA ensures that key pairs life cycle is maintained under controlled conditions, including all technical conditions for network and computer security

6.6 Certificate, CRL, and OCSP profiles

The CA ensures that certificates, CRL profile and OCSP profile meet the specified requirements

6.7 Compliance audit and other assessment

The CA ensures full availability to third-party auditing activities and ensures full collaboration at all stages

6.8 Other business and legal matters

The CA ensures that all applicable organizational, financial and legal topics are fulfilled

6.9 Other provisions

The CA provides the capability to allow third parties to check and test all the certificate types; the CA allows use of such capability even to visual impaired people

The CA ensures impartiality and privacy compliance where applicable for all certificate life cycle activities

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ADDENDUM BY BUREAU VERITAS ITALIA

September 04, 2017

Requirements

The addendum follows third part evaluation of information security incident occurs to a certificate. Complete incident life cycle summary is included:

- August 13, 2017 (06:43 CEST) a mail to cert.problem@actalis.it describe an "invalidDNSname"
- August 13, 2017 (07:14 CEST) Actalis share the certificate incident with involved end customer
- August 14, 2017 (14:40 CEST) incident resolution is taken into account
- August 14, 2017 (15:47 CEST) in accordance with end customer to avoid serious disrupt of operations, Actalis chooses to postpone certificate revoke
- August 14, 2017 to August 27, 2017 Actalis and end customer share many communications to ensure continual incident management
- August 28, 2017 (16:00 CEST) Actalis agree with end customer that certificate revoke will be done on September 02, 2017
- September 02, 2017 (11:30 CEST) Actalis revokes certificate
- September 02, 2017 (11:31 CEST) end customer receives automatic notification mail that certificate is revoked
- September 03, 2017 (13:58 CEST) Actalis closes the incident
- All activities also mapped on Bugzilla, Bug 1390974

Declaration of conformity

After audit team careful evaluation of all incident management life cycle, it declares that:

- Actalis adopted risk analysis principles to manage information security incident
- Actalis adopted incident management actions according to incident management procedures
- Actalis adopted corrective actions to provide assurance that the incident root cause has been eliminated

The audit team finally declares that Actalis still meet requirements compliance as per above technical specifications.

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