

QUALIFIED WEBSITE CERTIFICATES

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ID SOLUTIONS

WHAT ARE WEBSITE AUTHENTICATION CERTIFICATES

- + CA/Browser forum server certificates with 3 levels of assurance:
 - Domain Validation (DV)
 - Organisation Validation (OV)
 - Extended Validation (EV)
- + In eIDAS:
 - ‘certificate for website authentication’ means an attestation that makes it possible to authenticate a website and links the website to the natural or legal person to whom the certificate is issued;
 - ‘qualified certificate for website authentication’ means a certificate for website authentication, which is issued by a qualified trust service provider and meets the requirements laid down in Annex IV;
- + In PSD2:
 - Role certificate for Payment Service Provider in B2B context

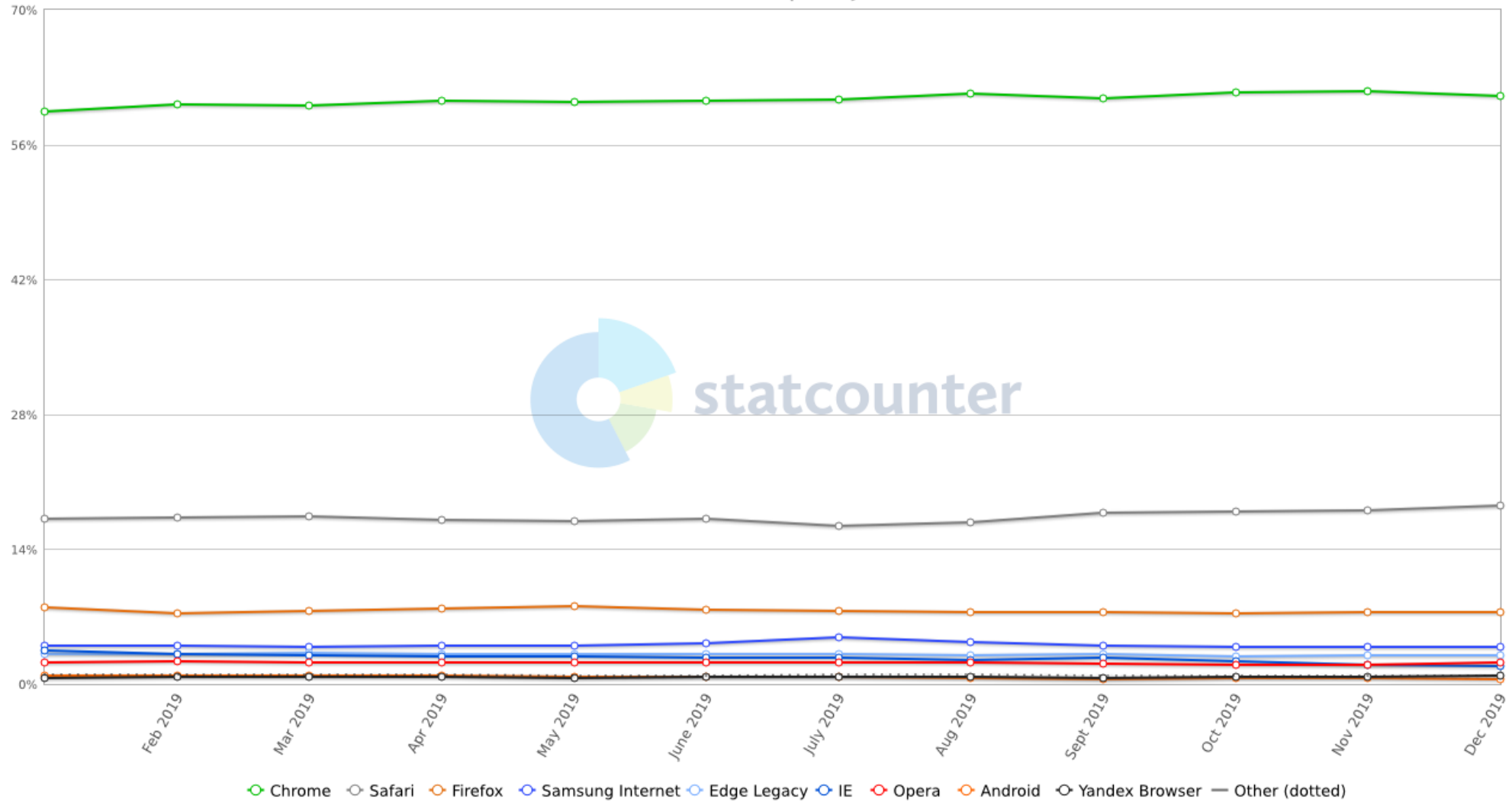
COMPLIANCE

- + CA/Browser Forum
 - WebTrust

- + EIDAS
 - ETSI EN 319 412-4
 - ETSI EN 319 411-2



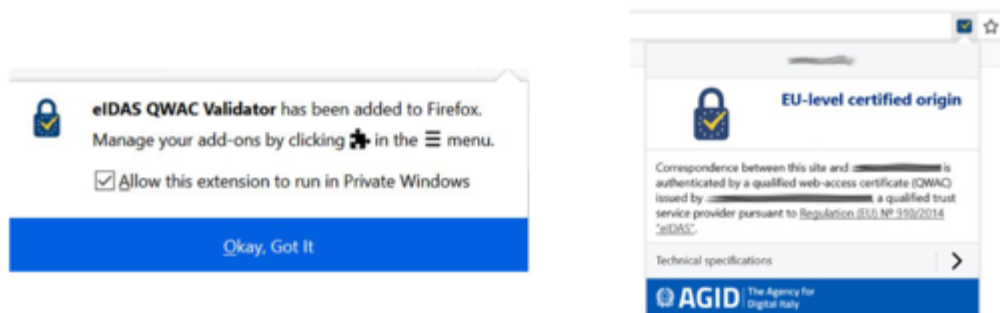
StatCounter Global Stats
Browser Market Share Europe from Jan - Dec 2019



EU METHODS OF SOLVING ISSUES

- + Negotiations with OS and browser vendors
 - Still ongoing
- + ENISA plugin initiative
- + AgID plugin as an example

Screenshots



eIDAS QWAC Validator

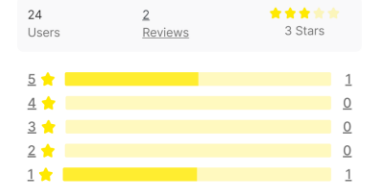
by [AgID - Agenzia per l'Italia Digitale](#), Firefox user 15157113

This add-on shows a grey EU-flag badge at the right of the address bar, that gets coloured in case the origin of the visited site is authenticated by means of a qualified web-access certificated (QWAC) pursuant to the "eIDAS" European Regulation.

You'll need Firefox to use this extension

Download Firefox

[Download file](#)





Rate your experience

How are you enjoying eIDAS QWAC Validator?

Log in to rate this extension

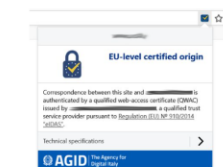
Report this add-on for abuse

Screenshots

eIDAS QWAC Validator has been added to Firefox. Manage your add-ons by clicking  in the  menu.

Allow this extension to run in Private Windows

Okay, Got It



NEW TRY IN EIDAS2

- + ... browsers should ensure support and interoperability with Qualified certificates for website authentication
- + ... public authorities in Member States should consider incorporating Qualified certificates for website authentication in their websites

Article 45 - Requirements for qualified certificates for website authentication

...

- + Qualified certificates for website authentication referred to in paragraph 1 **shall be recognised by web-browsers.** For those purposes **web-browsers shall ensure** that the identity data provided using any of the methods is displayed in a user friendly manner. **Web-browsers shall ensure support and interoperability with qualified certificates** for website authentication referred to in paragraph 1, with the exception of enterprises, considered to be microenterprises and small enterprises in accordance with Commission Recommendation 2003/361/EC in the first 5 years of operating as providers of web-browsing services.

SUMMARY

- + EU does not have widespread browsers
- + Browsers do not have EU as a special target market
- + CA/B Forum changes rules on their own on the bases and with speed which EC could never follow
- + EU already has deviated from “WAC” concept literally with TR for PSD2