Common Criteria Certificate Statistics for Q3 2018

V1.1

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WHO WE ARE

jtsec is a company that offers consulting, auditing and security evaluation services following the most recognized market standards at a price that allows businesses of all sizes to access this service

jtsec is made up of a team of recognized professionals in the IT security sector with more than 30 years experience in this field. Most of our professionals have worked as evaluators and auditors in the most recognized certifications and standards of the sector (ISO27001, ENS, RGPD, SOC 2, Common Criteria, FIPS 140-2, etc.) and are able to join forces to provide a service of the highest quality.

VALUES

WHY WE EXIST

TECHNICAL EXCELLENCE

We have come to raise the baton of technical excellence. With the highest qualification we can certify the security of your products and systems. We are 100% committed to a lifelong learning process.

COMMITMENT TO OUR CUSTOMERS

We are determined to solve your problems, not to create new problems. Your project will be successful - there is no other option. We take the standard of excellence in dealing with clients to a new level.

TIME TO MARKET

By doing our job on time, we can give a competitive advantage to our customers. If time is a constraint you can count on us. We put all our resources at your disposal to be not only the best but also the first.

Introduction

Why this report?

Historically, the Common Criteria Portal web (https://www.commoncriteriaportal.org) has contained the list of evaluated products. Each Certification Body is responsible for sending each new certified product to the web, along with its Certification Report and Security Target.

All this information is provided in the web, which even provides a Statistics section. This section however provides no graphical representation of the numbers and there is room for improvement regarding, for example, the evaluation laboratory, evaluation trends regarding the type of products certified (a categorization is provided, but it does not reflect state-of-art in security products) and other things, so we thought that an "all-in-one" report would be great for the Common Criteria community!

During the past 17th Common Criteria Conference that toke place in Amsterdam in 2018, our team presented a tool that could bring a breath of fresh air to this scenario.

How it is created?

CC Scraper is a python script that analyses automatically the information from the CC portal using OCR capabilities, pdf reading and other features providing a comprehensive statistics report of the CC certifications.

The current version still depends on Common Criteria portal contents, and therefore a mismatch between each CB certified products and the statistics shown in this report may appear if the Certification Bodies do not timely send new updates to the web or the webmaster does not update the product list.

CC Scraper outputs a CSV file from where this report is semi-automatically created.

Contribute!

Feel free to share the results shown in this report, and do not hesitate to tell us any error that you find, we will correct it as soon as possible.

If you want to know a specific statistic or you think that it could be interesting for the community, please share it with us and we will include it in next versions of this report.

CC Certificates for Q1 & Q2 & Q3 2018

These are the detected trends for Q1, Q2 and Q3 2018:

Until now, 200 products have been certified with a clear relevance of Protection Profile based assurance level. In the third quarter of 2017 253 products were evaluated, this means a 26,05% more than this year.
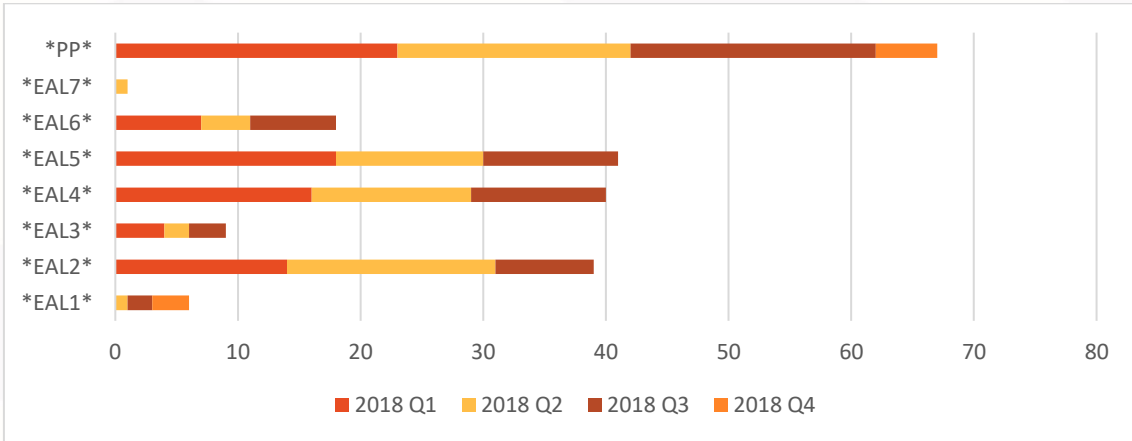

The lab that has evaluated more products until now during this year is LETI with 30 certified products until now, thanks to the great number of products evaluated the first and third quarter:
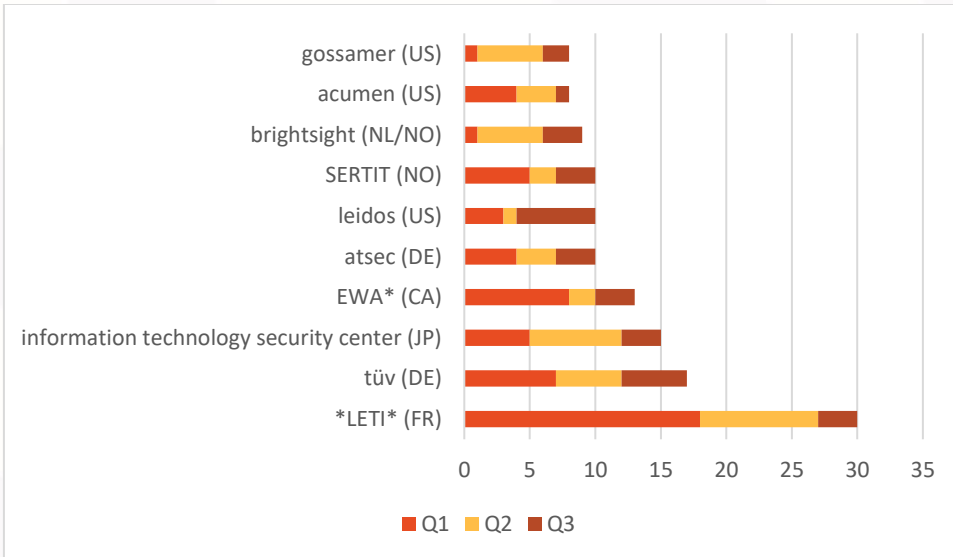
Previous highlights - 2017

These were the detected trends for 2017.

310 products were certified during 2017. EAL2 was the most used assurance level and no EAL7 evaluation was done in the whole year. Only 9 EAL1 evaluations were conducted, and the most productive quarter was the third one, with 91 products evaluated.
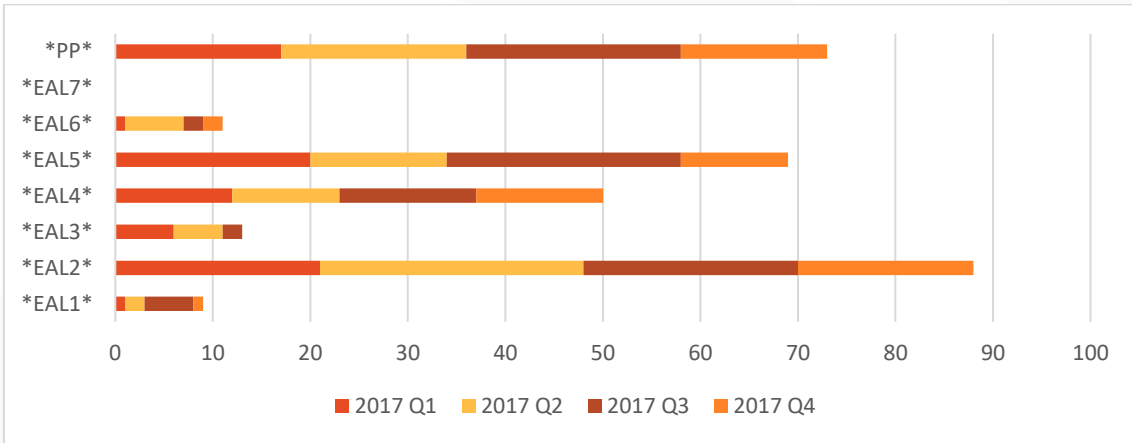
The most productive lab during 2017 was ecsec, with 29 products evaluated. 7 labs certified only one product in the whole year and the German scheme was the most used.
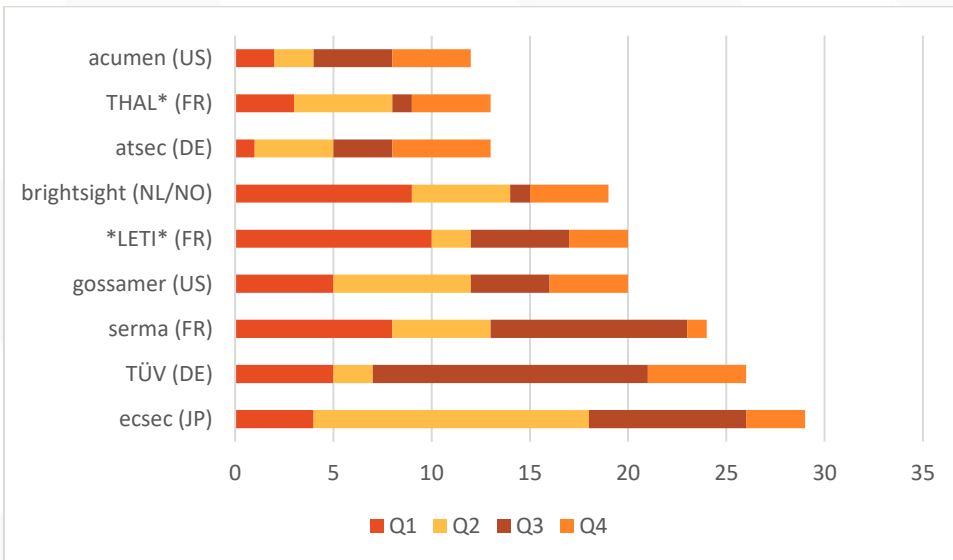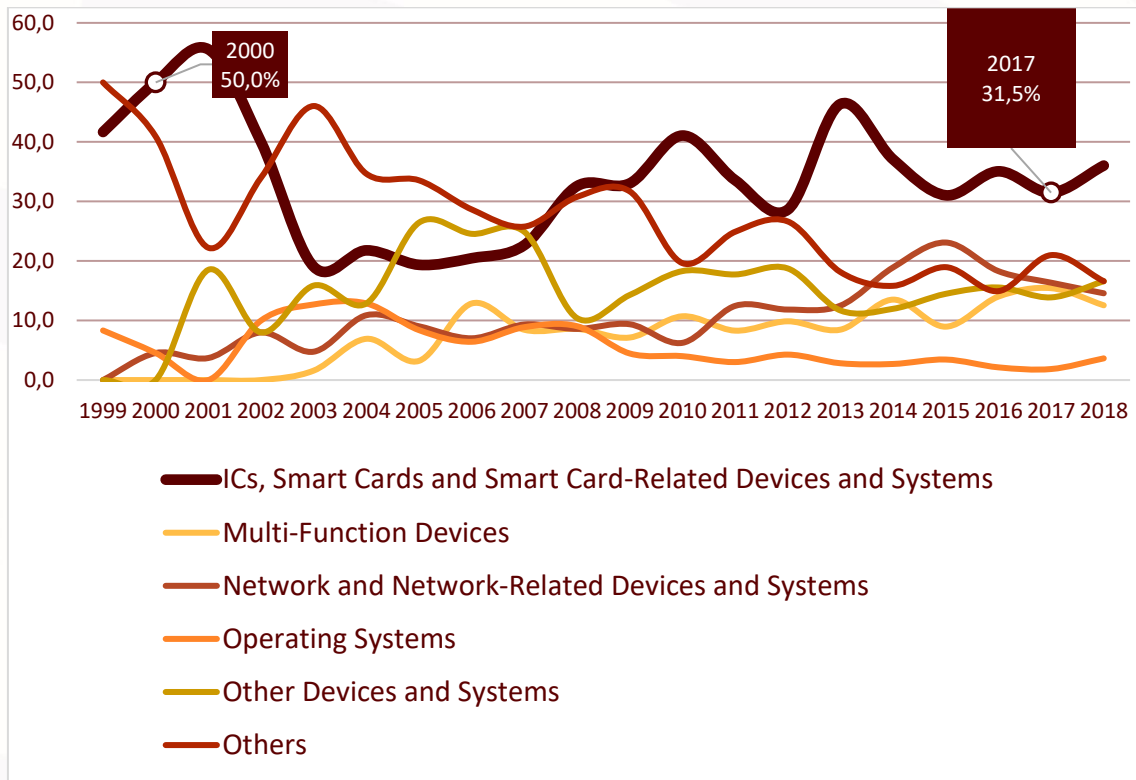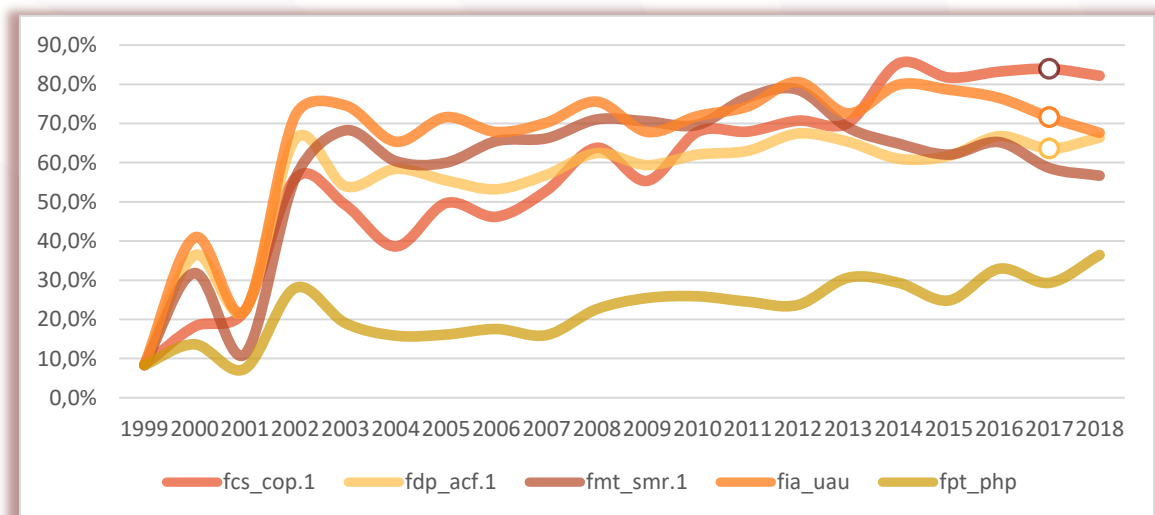
Historical trends

This section contains historical trends from the very beginning of Common Criteria certification.

Archived products (products where the certificate status is no longer valid) are included for the sake of completeness.
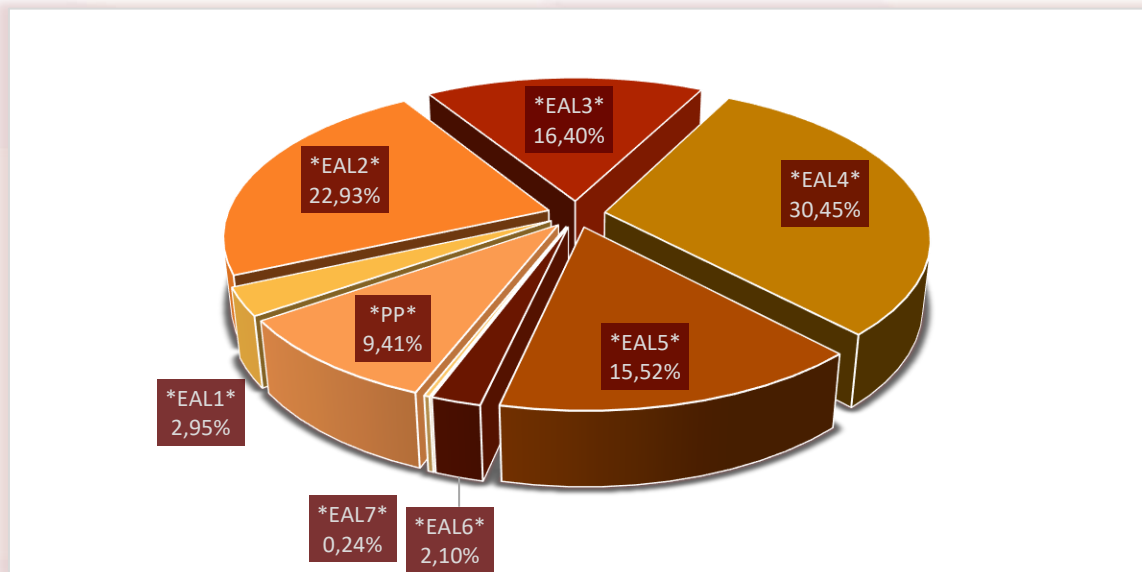
Categories by year (relative to the number of certified products):

Legend:
- ICs, Smart Cards and Smart Card-Related Devices and Systems
- Multi-Function Devices
- Network and Network-Related Devices and Systems
- Operating Systems
- Other Devices and Systems
- Others

Most used SFRs:
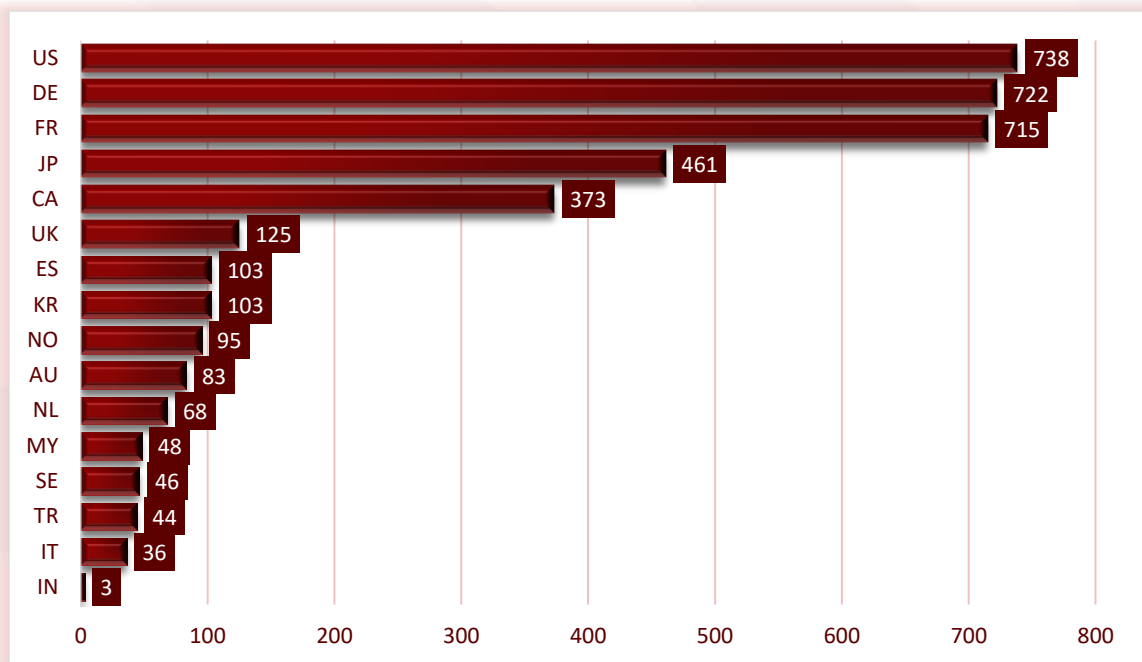

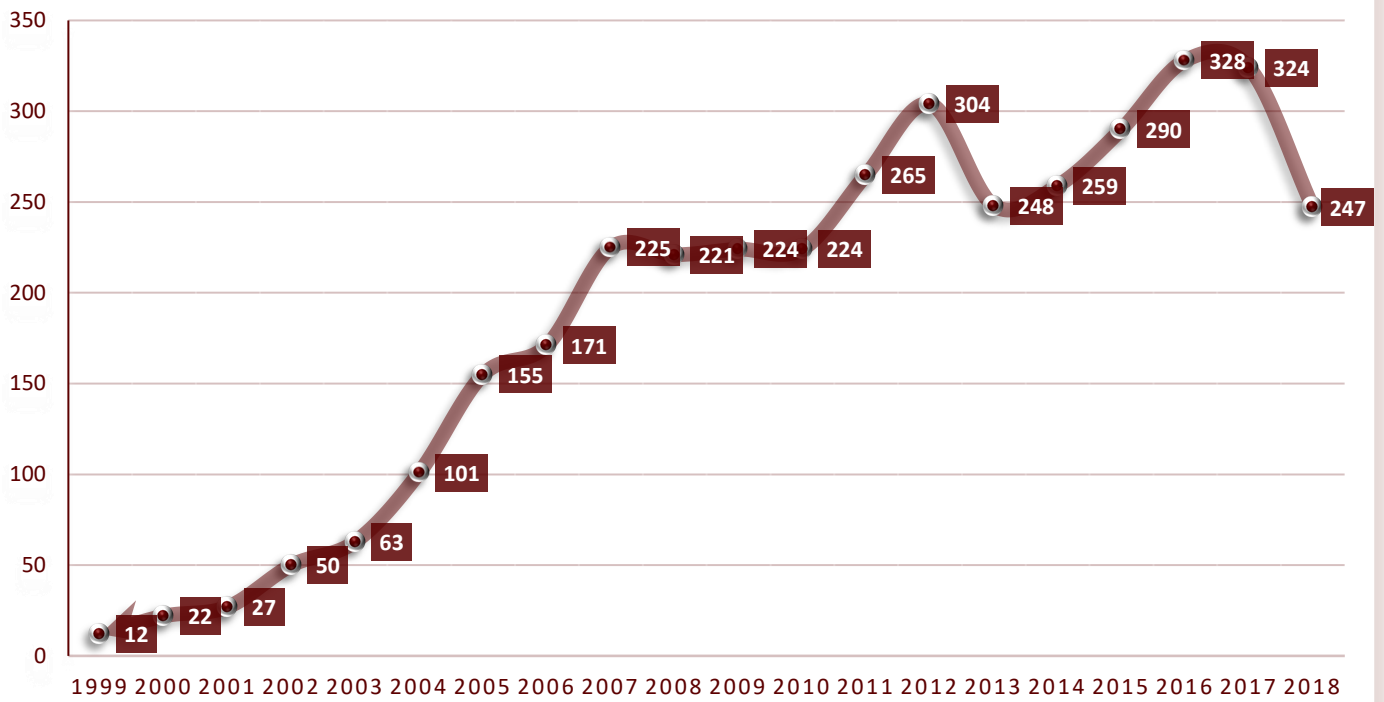Legend: fcs_cop.1 · fdp_acf.1 · fmt_smr.1 · fia_uau · fpt_php
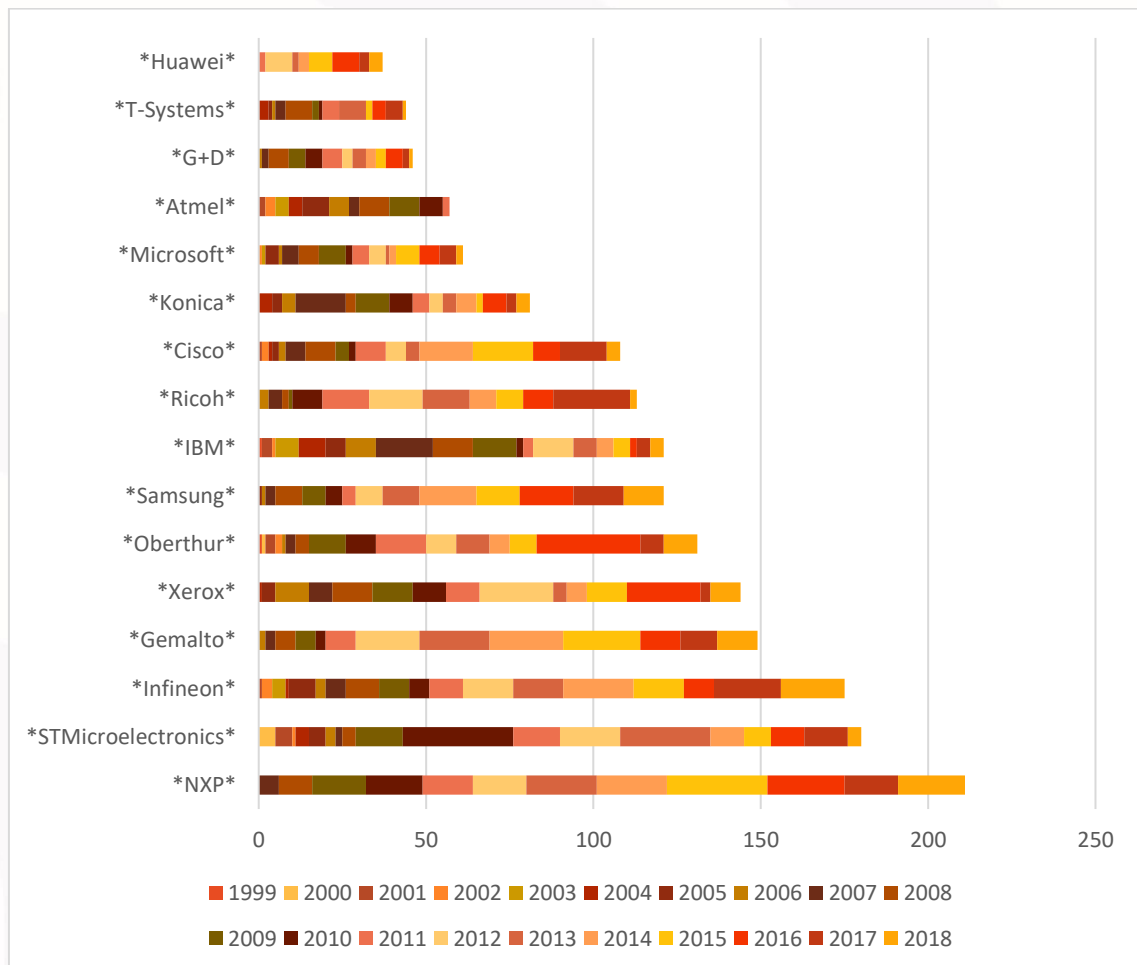
Most used assurance levels:

Total number of certified products by scheme:

Total number of certified products by year:

Top manufacturers:

Products by lab and year:

Horizontal stacked bar chart titled "Products by lab and year:" showing product counts from 0 to 300 for the following labs: epoche (ES), saic, CGI IT, leidos, SERTIT, cygnacom, gossamer (US), ecsec (JP), CSC*, mizuho, brightsight (NL/NO), Security Research *, CCTL, Science Applications*, atsec (DE), t-systems (DE), information technology security center (JP), EWA* (CA), *LETI*, tüv (DE), serma (FR).

Legend (by year): 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018.

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