



TL SET Security Editor Tool



for Common Criteria v2.x and v3.1

Creating a Security Target or a Protection Profile for a product is the preliminary step in the ISO Common Criteria (CC) certification cycle, a tough task if not driven by a dedicated methodology and a supporting tool.

Trusted Labs has successfully automated its security methodology into a tool, giving birth to TL SET.

Get rid of the CC language learning curve and focus on the most critical parts of Security Target design, while ensuring faster and more reliable results!

TL SET tool characteristics

Structured Edition of Security Requirements: TL SET is a smart editor, integrating predefined libraries of the Common Criteria functional and assurance requirements, providing the user with a to-do list. This guidance allows you to better structure the results of the risk analysis, and to get an easy grasp of the Common Criteria standard, thanks to a simplified CC view.

Easy Creation of Security Targets: TL SET comes with a database of Protection Profiles (PPs). With the Import/Export functionality, you can build your own Security Target from one or several PPs and/or previous Security Targets.

Easy maintenance of Security Targets: TL SET provides features to deal with product families and evolutions. It follows CC v2.x interpretations and is now available for CC V3.1.

Documentation generation: TL SET generates documents: Security Targets, Protection Profiles but also partial views such as security requirements or security environment. These are available in several editable formats such as Word and Html.

Consistency Verifications: Thanks to its internal representation, TL SET performs structural and syntactic checks, ensuring that the document contents comply with the systematic verifications required by the CEM (Common Evaluation Methodology). These checks are available through verification reports.

Easy access: TL SET allows dynamic navigation back and forth between the various elements of the document: threats, objectives, requirements, etc., thus facilitating traceability and comprehension.

TL SET is available in two versions: TL SET for CC 2.x and TL SET for CC v3.1

Value-added features

- Easy handling of Common Criteria formalism
 - User-friendly GUI
 - Automatic document generation & verification
- Modularity and reuse
 - Protection Profiles Database
 - Partial export/import from PPs, STs
 - Unified management of multiple Security Targets

References

- Used in French DCSSI Protection Profile projects (2004 to 2008)
- Several TL SET Security Targets successfully evaluated by ITSEFs and certified by DCSSI
- Used in large-scale industrial smart card, terminal and home automation projects

