Liberté • Égalité • Fraternité
RÉPUBLIQUE FRANÇAISE

P R E M I E R   M I N I S T R E

Secrétariat général de la défense nationale

Direction centrale de la sécurité des systèmes d'information

10 GOOD REASONS TO USE

The EBIOS® application

The EBIOS® method is used to assess and process risks relating to information system security (ISS). The method is widely used by government and in the private sector. It is available free of charge on the DCSSI site: (http://www.ssi.gouv.fr).

An EBIOS® application has been developed to help users implement the method. This application is available on CDROM, free of charge, upon request from DCSSI (ebios.dcssi@sgdn.pm.gouv.fr).
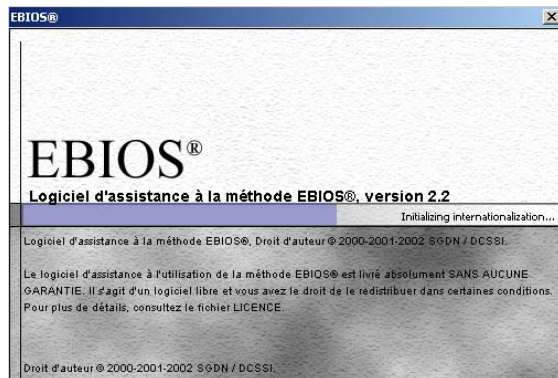

Figure 1 – Running the application

1. Distributed by DCSSI

As part of its mission to assist contracting authorities, DCSSI has developed and implements the EBIOS® method.

DCSSI recommends its EBIOS® application, which facilitates the use of ISS risk analyses. DCSSI is also happy to provide users with any other advice on implementing the method.

2. Freeware

Like the method, the application is free, and must not be reused in commercial software.

3. Compatible with multiple operating systems

The software can be installed in Windows®, Linux® or Solaris™ environments.

4. Intuitive approach

This user-friendly application includes a tutorial module with a practical example that leads the user through the process of performing a study, as well as comprehensive help on all of the application's features.
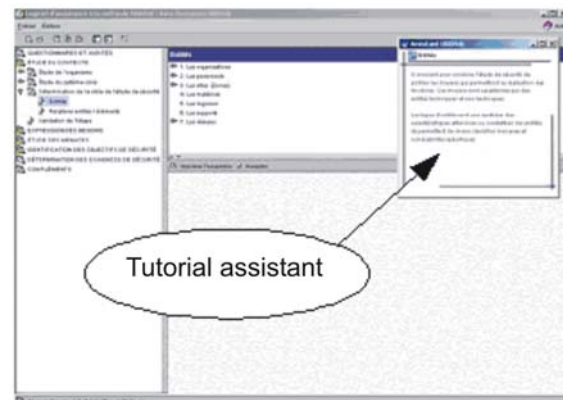

Figure 2 – Tutorial module

5. True to the method

The EBIOS® application remains faithful to the method's basic philosophy. For example, the knowledge bases and studies are structured exactly as described in the guides.

Furthermore, the deliverables conform to the plans recommended by DCSSI.

Changes to the method, and in particular, convergence with international standards such as ISO 15408, are included in the application.

6. Manage the organisation's strategic elements

The application enables users to access knowledge bases and adapt them to specific contexts.

This enables ISS actors (corporate management, ISS manager, etc.) to disseminate aspects of security policy such as the organisation's values, the applicable regulations, the required scale of sensitivity, the threats that must be addressed and the security objectives to be covered.

These elements can then be used by people conducting studies within the organisation's specific context.

7. Optimise the time spent on security analyses

The EBIOS$^®$ application's rich functionality make it a powerful tool for ISS risk management consultants.

In particular, it lets users:

- ❑ Record the results of an ISS risk analysis in a structured approach approved by the prime minister's office;

- ❑ Manage dynamic, interactive content;

- ❑ Capitalise knowledge in a repository specific to the organisation;
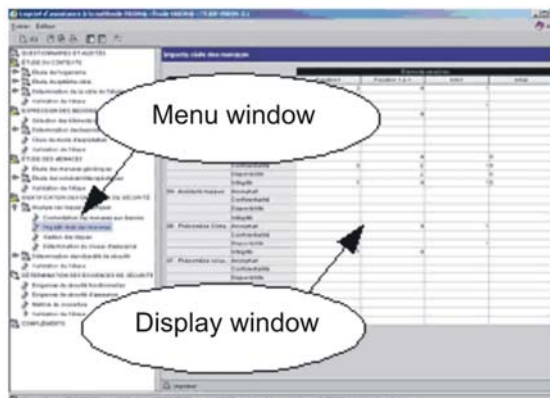
- ❑ Communicate results.

Figure 3 – Study module

8. Print documents to suit requirements

The EBIOS$^®$ application lets users produce study files and prepare the production of various documents according to the study data and format required (FEROS, protection profile, ISS specifications, summaries and security policies).
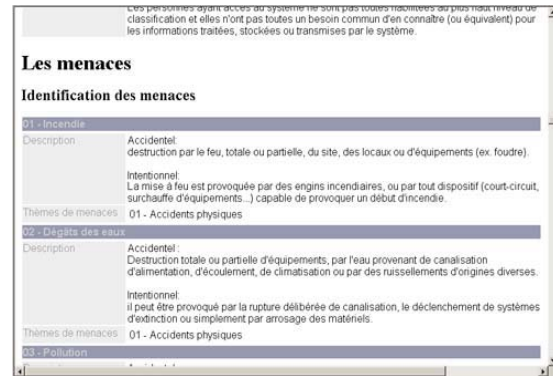

Figure 4 - A FEROS statement in HTML

9. Join the user community

DCSSI runs a newsgroup for experts in the EBIOS$^®$ method and users of the application. Members can share their experiences, contribute to upgrades and obtain the latest updates for use in their everyday work.

10. Open to progress

The EBIOS$^®$ application was designed in UML and coded in Java and XML. It is distributed under the terms of a freeware licence permitting its use and adaptation by all, subject to providing any upgrades to DCSSI.

All the source code, design documents and tools required for further development are supplied with the software.

DCSSI welcomes comments and contributions via email (ebios.dcssi@sgdn.pm.gouv.fr).

All these benefits make EBIOS$^®$ the essential tool for conducting effective ISS risk analyses.