



# GREENmod

File and e-mail classification system



# Tukan **GREENmod**

## File and e-mail classification system

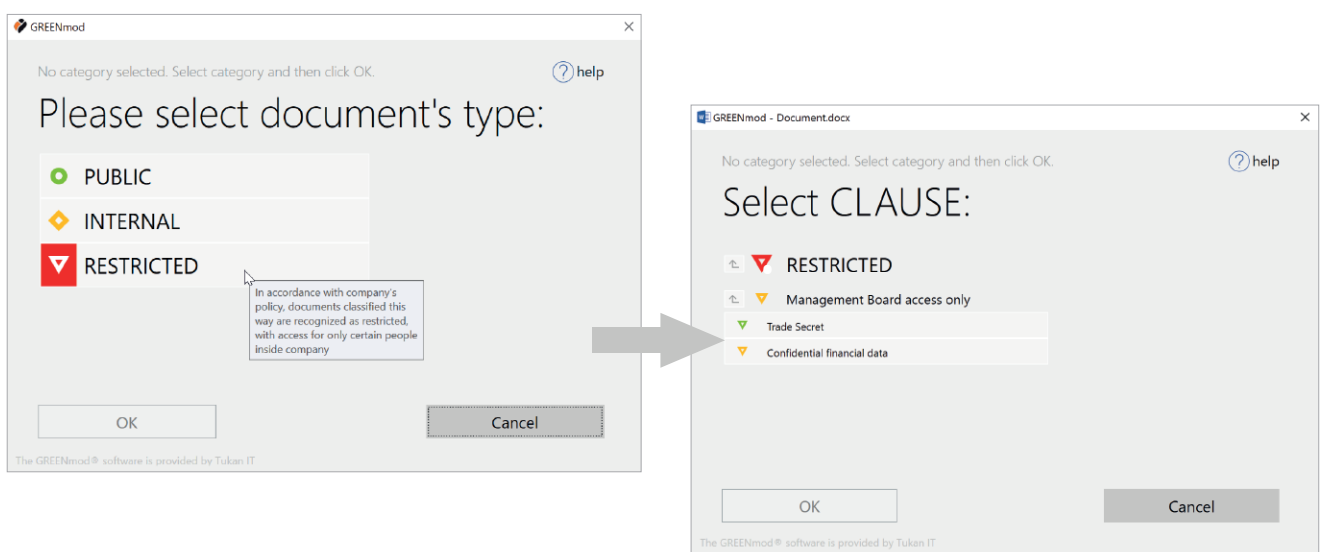
The problem of confidential information leakage concerns every organization. Whether on purpose or by accident, losing important data happens virtually every day, and is difficult to monitor and stop without special tools.

Intellectual property, financial data and personal data of employees and customers may be leaked with the use of many information flow channels, with losses reaching millions of dollars.

Automatic classification systems, provided by DLP (Data Loss Prevention) solutions, omit specific types of content which escape their classification algorithms and which must be supplemented with classification assigned by the user.

**Tukan GREENmod makes it possible to supplement automatic file and e-mail classification mechanisms with invaluable knowledge of the user regarding the level of confidentiality of the content created by them.**

This solution integrates with Microsoft Office applications and Microsoft Windows operating system, enforcing the classification of each created document before saving it on the computer's disk. Similarly, Tukan GREENmod prevents sending an e-mail which has not been classified. In addition, many different file formats outside Microsoft Office can be classified.



Dialog box for detailed classification of e-mails that appears when you click Send in Microsoft Outlook.

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## Why Tukan **GREEN**mod?

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### **Raising security awareness**

Using Tukan GREENmod solution raises employee awareness of security issues and the importance of information processed by them.

### **Shifting responsibility for data protection onto document authors**

Organizations' security departments often lack competence to replace business departments and indicate methods of classifying information which may be implemented in DLP systems. The author of the document is the best source of information about the classification of the outcome of their work. The classification assigned by the user will serve as the first line of

protection, supplementing automatic methods of classification provided by DLP solutions.

### **Easy integration with DLP systems**

The system of marking documents by metadata added to files and e-mails may be used for automating protection processes such as:

- monitoring and reporting,
- notifying about security breaches,
- data transfer blocking,
- printing prevention,
- quarantine,
- data encryption,
- archiving.

## Main **features**:

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### **Forcing document authors to classify documents**

Before saving any new document, Tukan GREENmod will display a dialog box in which the user must specify the document's confidentiality level. This ensures that important files whose content does not qualify them for being marked by DLP's automatic policies will be properly secured.

### **Classifying e-mails before sending**

Every e-mail must be classified before sending, which prevents accidental sending of sensitive data outside the organization.

### **Supporting various file formats**

Using context menu in Windows Explorer, it is possible to display a wide range of files, and assign new classification to them.

### **Easy identification of the document's author**

The system may add the name of the logged-in user to files' metadata, pointing clearly the author of the document.

### **Possibility of customizing the classification structure**

The solution provides full flexibility of defining classification levels, together with their embedding, which ensures better definition of the protection level and the type of created document. For example, confidential documents may be divided into supplier agreements, customer agreements or drafts of new services, and may be secured by DLP systems in various ways depending on the needs.

### **Flexible configuration of the content of application elements**

The solution supports multiple languages and makes it possible to define the content of all elements of the screen interface displayed to end users, including dialog boxes, help bubbles, and parameters of button and icon colors.

### **Protection against lowering the classification level**

Tukan GREENmod protects against lowering the classification level, thus preventing an accidental or purposeful leakage of sensitive information. For example, it is not possible to send an e-mail as public (open) if it contains an attachment with higher (restricted) classification.

### **Integration with DLP systems – reducing the risk of information leakage**

The document marking method used in the solution may be used for securing documents by DLP solutions protecting against data leakage. Classification, included in the file's or email's properties, enables a DLP system to apply a relevant security policy adequate for the protected content.

### **Integration with the information protecting and processing systems**

Tags assigned in the classification process are easily recognized by various solutions which analyze the content and properties of processed information. These include: DLP and RMS systems, e-mail protection solutions, firewalls, proxy and IPS systems, and tools used in applications related to computer forensics. On their basis, it is possible to enforce organization's security policy effectively and make informed decisions on how the information should be handled, processed and protected, ensuring cost optimization.

### **Classifying documents created earlier**

Tukan GREENmod not only enforces the specification of the confidentiality level of new documents, but also makes it possible to classify the ones created before its installation. Upon opening an unclassified document, the system may ask the user to specify the desired protection level.

### **Flexible distribution methods**

The software is distributed to end stations through a dedicated management console (McAfee ePolicy Orchestrator), but it is also possible to apply other popular installation methods used by enterprises, such as Microsoft SCCM or Microsoft AD Group Policies (GPO).

### **Central management and reporting**

Tukan GREENmod provides an intuitive management dashboard which enables configuration management and collecting events related to content classification. In addition, the system makes it possible to monitor the activities of users which are related to document classification and access to protected information.

### **Support for various versions of Microsoft Office**

The solution is compatible with Microsoft Office since version 2010 and we provide support for all future Microsoft Office versions.

### **Ensuring compliance**

By enforcing the classification of each new document, Tukan GREENmod makes it significantly easier to achieve compliance with internal and external regulations, such as Recommendation 'D' of the Polish Financial Supervision Authority addressed to financial institutions, ISO 27001, GDPR or EU NIS Directive.