# BTC PROCESS CLASSIFICATION

- assignment to one of 12 categories
- process safety assessment
- evaluation of process productivity
- blocking of processes according to selected criteria

**12 CATEGORIES** • Processes are classified based on their actual content and assigned to one of 12 categories.

**EFFICIENCY > 85%** • The high effectiveness of the classification is due to the artificial intelligence algorithms used and the database of keyword patterns built within each category.

**QUANTITY OF ITEMS IN CATALOG** • The catalog of classified processes and applications is constantly expanded and is available in the cloud for free use in other solutions via API.

**HIGH SPEED** • The standard speed of the classifier is >10 processes/sec.

## HIGHER LEVEL OF IT MANAGEMENT – **CHECK WHAT YOU GAIN:**

- increased efficiency and productivity of employee operations,
- more effective data security,
- automatic monitoring of processes and applications run by employees,
- optimization of IT administrators' time,
- cost savings.

## GUARANTEE OF EFFICIENCY

Classification of processes and applications has a real impact on security and user productivity ratings. The use of advanced artificial intelligence algorithms allows efficient and fast classification. BTC Process Classification allows you to block processes according to criteria defined by the IT administrator.

## MANAGE EVEN MORE EFFICIENTLY

BTC Process Classification is the assurance of effective organizational management. The classifier carefully analyzes the processes and applications used by users and checks whether their category is productive. By monitoring the activities of employees, you can determine whether the activities they undertake are efficient and productive.

## BET ON COMPLETE SECURITY

Process and application classification is a proven solution to ensure IT security. Thorough analysis ensures the automatic detection of potential threats. This creates the possibility to react faster to an imminent threat and protect the organization from intentional or accidental data leakage.

## UNLIMITED EFFICIENCY

The BTC Process Classification solution implements several mechanisms that automatically reject erroneous processes. This saves time and does not involve the classification algorithm to categorize erroneous processes. In addition, the classifier engine is supported by a scalable set of servers and is located in a data center, thus providing unlimited performance for the solution.

# WHY ARTIFICIAL INTELLIGENCE IN THE SYSTEM EAUDITOR V8 AI?

Learn the reasons why we implemented artificial intelligence in the eAuditor V8 AI system, instead of a static process database:

- ✓ automatic creation of a database with information about processes, and their categories, along with productivity and safety assessments,
- ✓ real-time synchronization with the database of classified processes in the data center,
- ✓ automatic updating of categories after a certain period.

# BTC PROCESS CLASSIFICATION

How artificial intelligence works in classifying system processes and applications

Repeated keywords are assigned to categories based on the dictionary and the number (saturation) of words within each category is determined.

**06**

**Determination of the classification of the process**

The process classification procedure is launched.

**05**

**Assessment of the severity of keywords of the defined categories**

**01**

**Submitting the process name to the search engine and dedicated pages containing information about processes**

The page code is downloaded for later analysis.

**Identify keywords that determine the type of application to which the process under investigation is assigned**

The process is assigned to the category that is identified as the most likely.

**04**

**Downloading the content of the page**

**Cleansing the page code of unnecessary information**

After the code is cleared of unnecessary components, words (keywords) that define the nature of the process will remain.

**02**

**03**

The page code is cleaned of unnecessary data, such as repeated words and HTML tags.

eauditor