



Tiered Analysis For File Inspection (TAFFI)

Automated File Anomaly Detection

TAFPI

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OVERVIEW

Digital documents pose a serious cybersecurity threat to U.S. critical networks since they can contain embedded code that may compromise a computer when the document is opened. TAFPI is an Air Force Research Laboratory funded product that uses advanced machine learning and artificial intelligence techniques to automatically detect malicious documents by identifying abnormal code execution of parser applications (e.g., Microsoft Word, Adobe PDF, etc.).

Rapidly Classify Malicious Files

Unlike complex parsers that take years to build and require reverse engineering of complex file formats, TAFPI can model the expected behavior of new file formats in hours, creating a baseline for effectively identifying malicious documents.

Highlights

- Automated learning capability quickly categorizes new file formats
- Simple to use API
- U.S. Patent No. 10,754,950

KEY FEATURES

- Based on advanced machine learning and artificial intelligence
- Quickly identifies suspect documents
- Low false positive rate (less than one percent)



FOR MORE INFORMATION

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About Assured Information Security (AIS)

AIS is a cyber and information technology company that plays a leading role in supporting critical cyber operations for the United States Department of Defense and Intelligence Community. AIS employs expert engineers and research scientists across the United States.